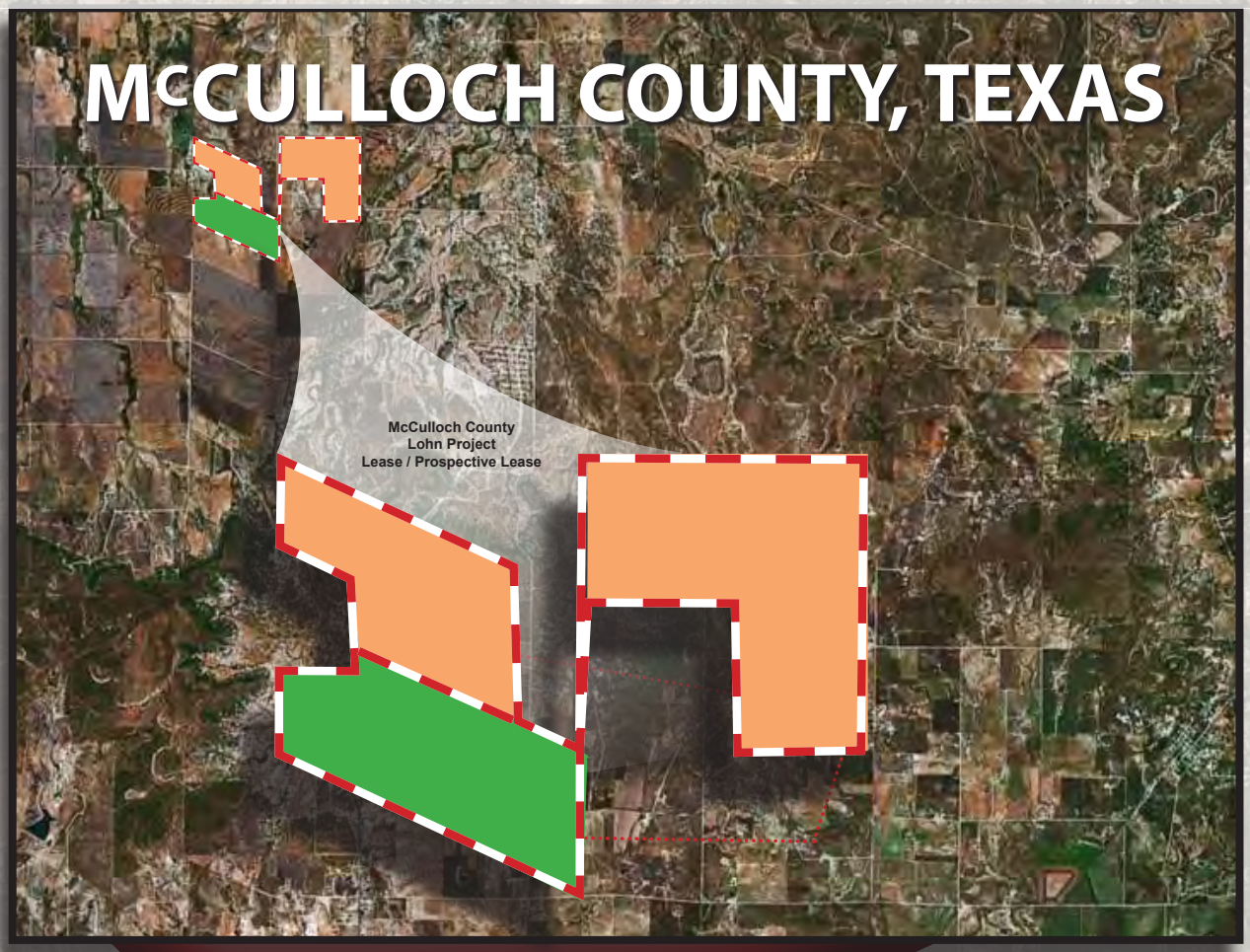
McCULLOCH COUNTY, TEXAS



LOHN PROSPECT
10 New Offset Drilling Locations

Terms, Geology Reports, Maps

FLINTROCK RESOURCES MANAGEMENT, Inc.

TABLE OF CONTENTS

PROSPECT PROFILE

Flintrock Resources Management, Inc.
Lohn Direct Offset 10 Well Developmental Project

PROSPECT PROFILE

OPERATOR: …… Flintrock Resources Management, Inc.

OPERATIONS: ……Working Interest Owners will be a party to the Joint Operating Agreement (JOA) that sets out the procedures for operations.

PROSPECT ACREAGE: …… 219+/w acres on the Appleton Lease &

80 Acres On the Carr Lease
McCulloch County, TX

PROSPECT WELLS: …… **Drill** 15, 16, 17 ,18 ,19, 20, 21, 22 eight (8) Potential & Proven (Direct Offsets & PUD) well locations Appleton Lease 2 extension wells Carr Lease

APPROXIMATE DEPTH: ……. **1,300'**+/- each well

OBJECTIVE FORMATIONS: …….. The terms of this Prospect is for one completion attempt in the Morris Sands Formation.

TOTAL WORKING INTEREST (WI): ……100%

TOTAL NET REVENUE INTEREST (NRI): ……75%

ROYALTY INTEREST: ……25%

Flintrock Resources Management, Inc.
PROSPECT PROFILE (continued)

INCOME DISTRIBUTION: …… After deduction of operating expenses, at its discretion, Flintrock Resources Management, Inc., will disburse gross or net income directly to the Working Interest Owners or their designated agents. Distribution will occur at the end of the succeeding calendar month in which Flintrock Resources Management, Inc. receives payment from the purchaser; unless otherwise stated by Flintrock Resources Management, Inc., as Operator, and the Joint Operating Agreement (JOA).

TERMS OF OWNERSHIP: …… Working Interest Owners will own their pro rata share of working interest for as long as all lease agreements pertaining to this Project/Prospect are in force.

FLINTROCK RESOURCES MANAGEMENT, INC. COMPANY PROFILE

Flintrock Resources Management, Inc.
Company Profile

Objectives:

Flintrock Resources Management, Inc. strategy is to invest funds for purchasing producing properties that have additional exploitation and expansion of development. Flintrock invests funds in producing and non-producing royalties and interests with the potential for imminent exploration and development, and targets the acquisition of royalty interest in areas that are exploratory and contain virgin reservoir possibilities. Flintrock focuses in approved geological areas where it has been anticipated or has been determined exploitation for oil and gas is about to take place. Flintrock works closely with oil and gas companies who lease, drill, develop and operate properties with maximum efficiency. Flintrock has strong, proven management skills in administration and field operations and has a proven track record and production history.

Flintrock currently owns interests in Texas. The interests in Texas are concentrated in Young, Archer, Falls, Coleman, and McCulloch Counties, the upper Gulf Coast and South Central Texas regions.

Company Officers:

Christopher L. Berry	CEO/President
Jim Darwin	Executive Vice President/ Administration/Operations
Bob Ballinger	Field Operations Independent Engineering and Drilling Consultant
Jonathan B. Selby	Independent Consulting Geologist

Flintrock Resources Management Inc. is a chartered Texas Corporation, organized in March 2008 with offices located in Austin, Texas

Address:

1150 Lakeway Dr. Suite 103
Suite 103
Austin, Texas 78734

Phone/Contact:

(512) 371-4150 Office

www.flintrockresources.com

Flintrock Resources Management, Inc.
Professional Profile

Christopher L. Berry
CEO/President

Chris has over thirty five years' experience in the petroleum industry. He has been responsible for the initiation and origination of several successful oil and gas companies throughout his career. Founder and CEO of Flintrock Resources Management, Inc. formed in 2008 a management company for oil and gas leases, mineral interests and production. He was a Co-Founder of Panther Bayou E&P, LLC., formed in 2003 to find and develop oil and gas opportunities along the U.S. Gulf Coast. In 2000, He founded Sunwest Minerals Inc., then he went on to create Petrologix Energy Trading Corporation, a natural gas pipeline transportation company in 2002. Chris sold his interest in Petrologix in 2006. Previously, he co-founded Property Development Group, Inc. (PDG) in 1996, an exploration and operating company that is currently working and developing leases throughout the Gulf Coast and Upper Gulf Coast regions of Texas. Chris sold his privately held stock in PDG in 2002. In 1985, he established Unico Oil and Gas Inc., an exploration and development company along with Unico Energy Financial Inc. that provided capital for oil and gas projects. Unico Oil and Gas and Unico Energy Financial were sold in 1991.

Chris has consulted for and managed land and lease acquisition departments with many other successful private oil and gas companies. He has provided funding and generated capital for more than 400 projects, which include exploration and leasing programs, prospects and projects for numerous oil and gas companies, arranging funding for other companies, as well for his own generated exploration, development and leasing prospects/projects and ventures. Chris attended The University of Texas at Austin and Texas Wesleyan University in Fort Worth Texas. receiving an Honorable Discharge in 1972. Chris also served in the United States Army and is a Veteran of the Vietnam War

Jim Darwin
Executive Vice President/Administration/Operations

Jim Darwin has been in the financial and energy business for many years. Mr. Darwin has also been in leadership position in a large organization where he oversaw all of the complex operations with six divisions and more than 100 employees covering housing and home improvement loan programs, oversaw the construction of two multi-million dollar facilities. Under Mr. Darwin's direction, he created a new marketing program, which was instrumental in tripling the loan production of the program from $320 million to over $1 billion in three years. He also negotiated and restructured many of the contracts saving many thousands of dollars.

He was also the project manager on two new upgrades to the loan servicing and loan origination systems that streamlined the processes of both functions. Prior to joining Flintrock, Mr. Darwin worked in the telecommunications and data industry. He has built and managed several marketing organizations. He has been a top producer in selling financial products to businesses as well as to consumers. He has extensive experience in conducting marketing seminars and has experience in complex investments as well as oil & gas, real estate investor and mortgage lender.

Jim is a graduate of the University of Texas at Arlington with a BA in political science and double minors in Economics and Russian. He served his country by enlisting in the United States Marine Corps and was commissioned from the enlisted ranks. He served as an infantry, reconnaissance and intelligence officer, a Marine parachutist and veteran of Desert Storm.

OPERATOR

Trade References

Ambiente Land LLC

15111 Sun Bird Lane
Austin, Texas 78734
(512) 921-2824

Hawkins Pump and supply Co.

P.O. Box 61
Graham, Texas 76450
(940) 549-1033

Graham Tank Trucks

P.O. Box 927 Graham,
Texas 76450
(940) 549-1104

Eagle Well Services

P.O. BOX 246
Merkel, TX 79536
(325)-365-4733

E&H Drilling
"4 R" Oil Field services

P.O. Box 960
Graham Texas 76450
(940) 549-8191

Patriot Pump & Supply Co.

10042 US HWY 283
Coleman, TX 76834
(325) 625-3000

Joe T. Smith Water Hauling

P.O. Box 126
Hawley, Texas 79525
(325) 869-5638

PSI Wireline, Inc.

3524 Knickerbocker Rd. Ste. C -- 304
San Angelo, TX 76904
(325) 486-9900

GEOLOGY REPORTS

Regional Geology

The Lohn Prospect is located on the Eastern Shelf of the Midland Basin in the north-central portion of McCulloch County. Regional dip is to the northwest. Average rate of regional dip is approximately 100-150' per mile in the area of McCulloch County. The Llano Uplift is to the east-southeast. In southeast McCulloch County the Pre-Cambrian, Cambrian and Ordovician are exposed at the surface. Cretaceous beds are exposed in central and southern McCulloch County. In north-western McCulloch County, Pennsylvanian out-crops are at the surface. In the northern, central and western portion of the area, Quaternary alluvium is present at the surface.

Structural features trend to the northeast-southwest and include closed anticlinal features, structural noses and occasional faults. These structural features run nearly perpendicular to the main northwest axial trend of the Llano uplift. Moderate arching from Edwards County into McCulloch County developed during the Pennsylvanian Strawn time period, the axis of which parallels the Bend Axis to the east.

Pennsylvanian (Strawn) sands, including the Morris sand (objective of Lohn Prospect) were deposited on the shelf as narrow northeast-southwest lenses. Pennsylvanian sands are approximately 290 million years in age. The source for these sands, i.e. provenance, was to the northeast. This provenance was the Muenster Arch and Red River Uplift. Numerous oil fields in the region are productive from these sands.

Productive fields in McCulloch County include the Needle Creek Field (1.1 MMBO) and the Lohn Field (116 MBO). The Strawn Sands possess excellent reservoir quality. Strawn sands trap oil structural-stratigraphically in the region of McCulloch County and in the afore-mentioned Needle Creek and Lohn Fields.

Other productive formations in McCulloch County include the Caddo Lime, Canyon Sand and Marble Falls.

As will be discussed in the ensuing section, geologic analysis indicates the Lohn Field area has potential for additional structural-stratigraphic traps in the Morris Sand.

Jonathan B. Selby

Geological Consultant

15835 Foothill Farms Loop #1311
Pflugerville, TX 78660
(512) 658-7178

02/10/2019

Dear Sirs,

Examination of log and completion data on the recently drilled Appleton 11-A – 14-A wells indicates potential for additional oil production to the west on the Appleton lease.

Porous and permeable sand with good shows was encountered in the 11-A (12'), 13-A (24') and 14-A (18'). These wells were perforated and swabbed oil upon completion. The 12-A encountered 4' of tight sand (17%). There were slight oil shows in the samples but the well was determined to be non-commercial and was plugged. However, the productive sand encountered in the 11-A, 13-A and 14-A indicates porous and productive sand will continue to develop to the west.

Structural contour mapping of the T/Strawn Marker and T/Caddo indicates favorable structural conditions extend to the west on the Appleton lease in the form of small closures. This concept is further supported by the recently acquired log of the Lohn well which provides additional control to the west.

The above discussion and updated T/Strawn Marker and T/Caddo maps indicates the potential for oil production to the west of the 11-A – 14-A wells. Accordingly, 8 additional wells are proposed on the Appleton lease as depicted on the structural contour maps. These new wells could prove up additional locations on the western end of the Appleton lease. The 8 new wells and additional wells have the potential to add an additional 200,000 to 300,000 BO in reserves on the 219 acre lease.

To the northeast, on the 80 acre Carr Lease, the Carr #1 was drilled in July, 2014. It encountered 14' of Morris Sand with 18% porosity. It was determined to be non-productive and was plugged and abandoned. Incorporation of this well into the structural contour maps indicates approximately 15' of structure can be gained at the proposed locations to the south and east. In addition, the Morris Sand should be better developed, i.e. 25% porosity in line with the productive Morris Sand wells. These two locations could prove up an additional 8 or more well locations on the 80 acre Carr lease with potential reserves in the 180,000 – 280,000 BO range.

Sincerely,

Jon Selby

Texas Licensed Professional Geoscientist, #2445

Lohn Shallow Production
McCulloch Co., TX

Information obtained from the Bureau of Economic Geology and other sources reveals that in 1908, at 210' oil production was established approximately 2.5 miles northwest of the Appleton leases. Later in 1925 - 19 27 additional wells were drilled immediately to the south. These wells were located in Sections 1105 (1908 wells) and 1106 (1925-27 wells) of the J. Oering Survey. (See map) These wells are not noted on Midland Map or the Texas Railroad Commission website. Well logs are not available on these wells as they were drilled before well logging was implemented. However, drillers logs and other correspondence from the Bureau of Economic Geology, in addition to information from the Brady Chamber of Commerce, confirms the presence of this shallow production.

A letter found at the Bureau of Economic Geology from the Secretary of the Brady Commerce Club dated June 29, 1912 to the "Bureau of Geology and Technology, Austin" states that at a depth of 210' five "Meers oil wells" are producing 25-30 BOPD from sand. (See copy provided) No date was given for first production but a hearing file from 1948 states production began in 1908.. A drillers log (see provided) confirms "Meers" well production in the center of Section 1105. This log also confirms sand at 210' with oil from 213-220'. No other Meers drilling logs were available. However, drillers logs were obtained on wells drilled to the south in Section 1106 in 1925-27 and indicate oil production ranging from 207-218' with Initial Potential ranging from 5-20 BOPD.

The initial 1908 Meers wells set off a drilling "boom" in the area and is discussed in vintage articles from the Brady Chamber of Commerce (provided).

Cumulative production is not available on these wells as the Railroad Commission records only go back to 1934.

Later, in 1948 through the mid-to-late 1970's, several operators drilled again in Section 1105 (where the 1908 wells were drilled) and appear to have reworked some of them. Poor well performance (low IPs and cumulative production) was likely the result of depletion by the 1908 and 1925-27 wells. (See information provided)

Examination of well logs on the Appleton and Appleton "A" leases indicates the Appleton #1, 3, 5, 7, 11-A and 14-A have potentially productive log signatures in an equivalent stratigraphic position (170-200') about 120' regionally up-dip to the productive wells. This is probably Cisco in age.

Although cumulative production cannot be determined on the old wells, it is proposed that one well be recompleted and tested in the shallow sand. A likely candidate is the #7 Appleton, as it possesses potential pay at 174-182' and 192-202'. If initial potential equals the 5-20 BOPD indicated on the old drillers logs, then this could significantly add to existing production and reserves. Not only could the other Appleton wells be re-completed, but further drilling to the west on the Appleton "A" lease could further develop production from this zone.

Jonathan B. Selby
506 Hearn St.
Austin TX 78703

Geological Consultant
Texas Professional Geoscientist, #2445

Summary

37 plus years' experience in oil and gas exploration and development in the Midland Basin, Central Basin Platform and Eastern Shelf, Texas and the exploration in the Delaware Basin in New Mexico and Ft. Worth Basin, Texas, and the Northwest shelf of Anadarko basin in SW Kansas. Successful wells drilled and completed in the Ellenburger, Bend Conglomerate, Strawn Lime, Clear Fork Sands, and Canyon Sands, Grayburg and San Andres. These prospects were generated utilizing subsurface well control and placed with various operating companies in the oil and gas industry. On a consulting basis, subsurface geological work performed the Wolfcamp-Sprayberry Play in west Texas. Collaborated on several successful Novinger (Marmaton), Mississippian and Morrow wells in SW Kansas.

Examples of successful wells drilled:

Via Con Dios Field (Bend Cong.) – Field Discovery, Stonewall County, Texas
Masterson Field (Bend Cong., Strawn Lime) – King County, Texas
Goodpasture Field (Grayburg) – Terry County, Texas
Nabers Field (Ellenburger) – Nolan County, Texas
Rock Pen Field (Canyon Sand) – Irion County, Texas
Turkey Feathers Field (Canyon SD, Clear Fork SD-Field Discovery) – Irion County, Texas
Novinger Field (Novinger) – Meade County, Kansas
Flowers Field (Canyon Sands Extension) – Stonewall County, Texas
Arden Field (Strawn & Canyon Sands Extension) – Irion Co., TX
Exoc 980 Field "Lohn Field" Extension (Morris Sand) – McCulloch Co., TX.

Professional Experience

1982-1984
Petro-Lewis Corporation Lubbock, Texas.
Petroleum exploration and development, prospect generation and evaluation via log analysis and sub-surface mapping throughout West Texas and New Mexico.

1984-Present
Independent Geologist, Austin, Texas.
The focus of my work as an independent geologist has been sub-surface mapping. I have constructed isopach maps, structural contour maps and cross-sections utilizing well logs, core analysis and well cuttings in order to characterize projects both site specific and regional in nature. I have also incorporated seismic, both 2D and 3D into my projects.

Education

MSc, Geology 1983
Colorado School of Mines, Golden, CO.
Thesis: *Depositional Environments and Petroleum Potential, Second Wall Creek Interval, Frontier Formation, Johnson and Natrona Counties, Wyoming* BA, Geology, 1979
Alfred University, Alfred, NY.
Honors in Geology.

CERTIFICATE OF LIABILITY INSURANCE

JOHNM-1 OP ID: KM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 07/08/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER AMM Insurance Agency, Inc. P. O. Box 685 Bastrop, TX 78602 512-321-5419	CONTACT NAME: PHONE (A/C, No, Ext): 512-321-5419 FAX (A/C, No): Fax-321-0405 E-MAIL ADDRESS:
	INSURER(S) AFFORDING COVERAGE — NAIC #
	INSURER A : Hallmark Specialty Ins. Co — 26808
INSURED John Meyer Jr. P.O. Box 695 Eden, TX 76837	INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR			RENEWAL OF G424042546	07/15/2019	07/15/2020	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 1,000,000
	X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 1,000,000
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N	N / A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Contract pumping/gauging

CERTIFICATE HOLDER

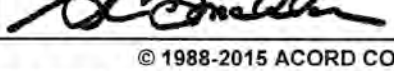
FLINT-6

Flintrock Resources
1150 Lakeway Dr, Ste. 103
Lakeway, TX 78834

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



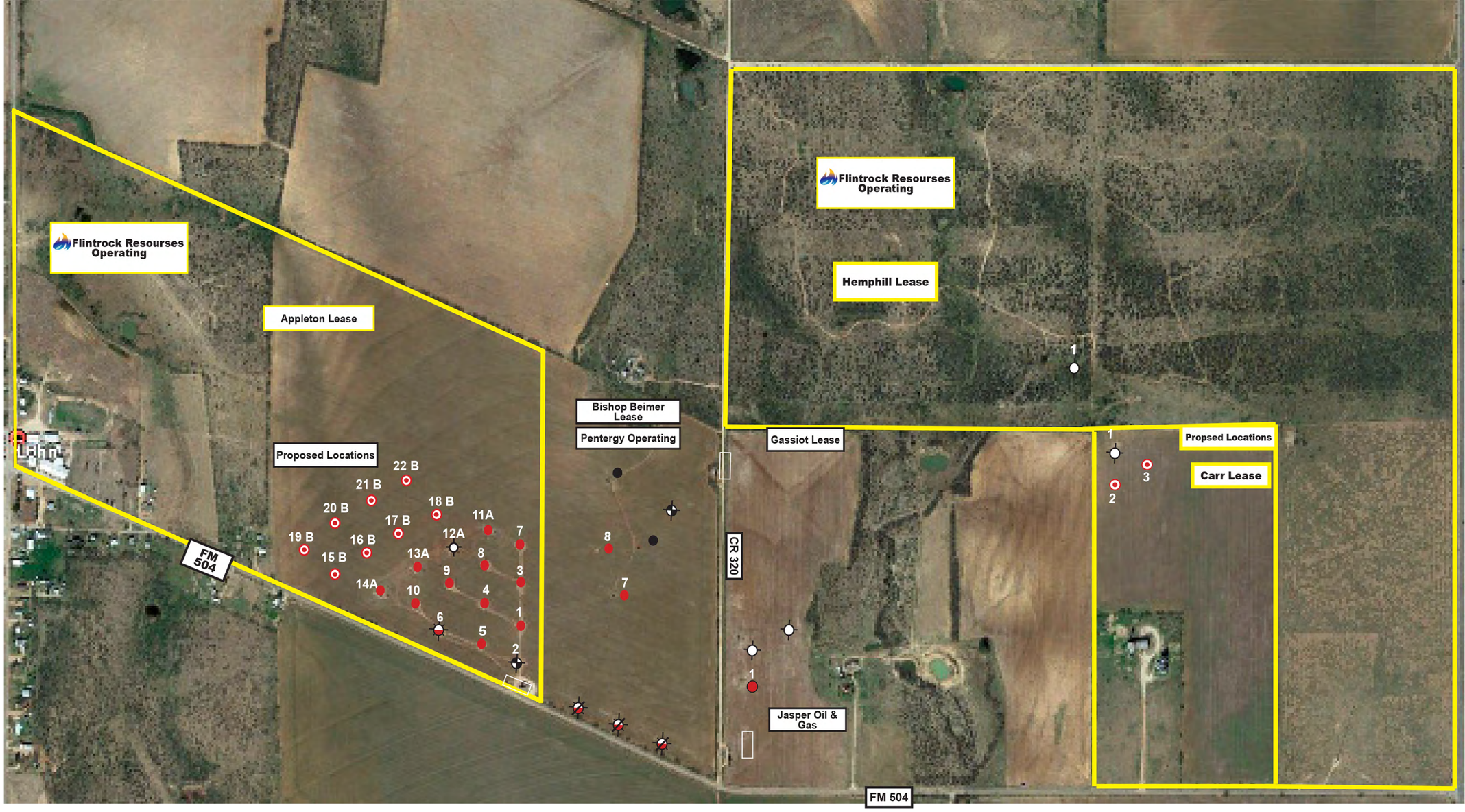
PROSPECT MAPS

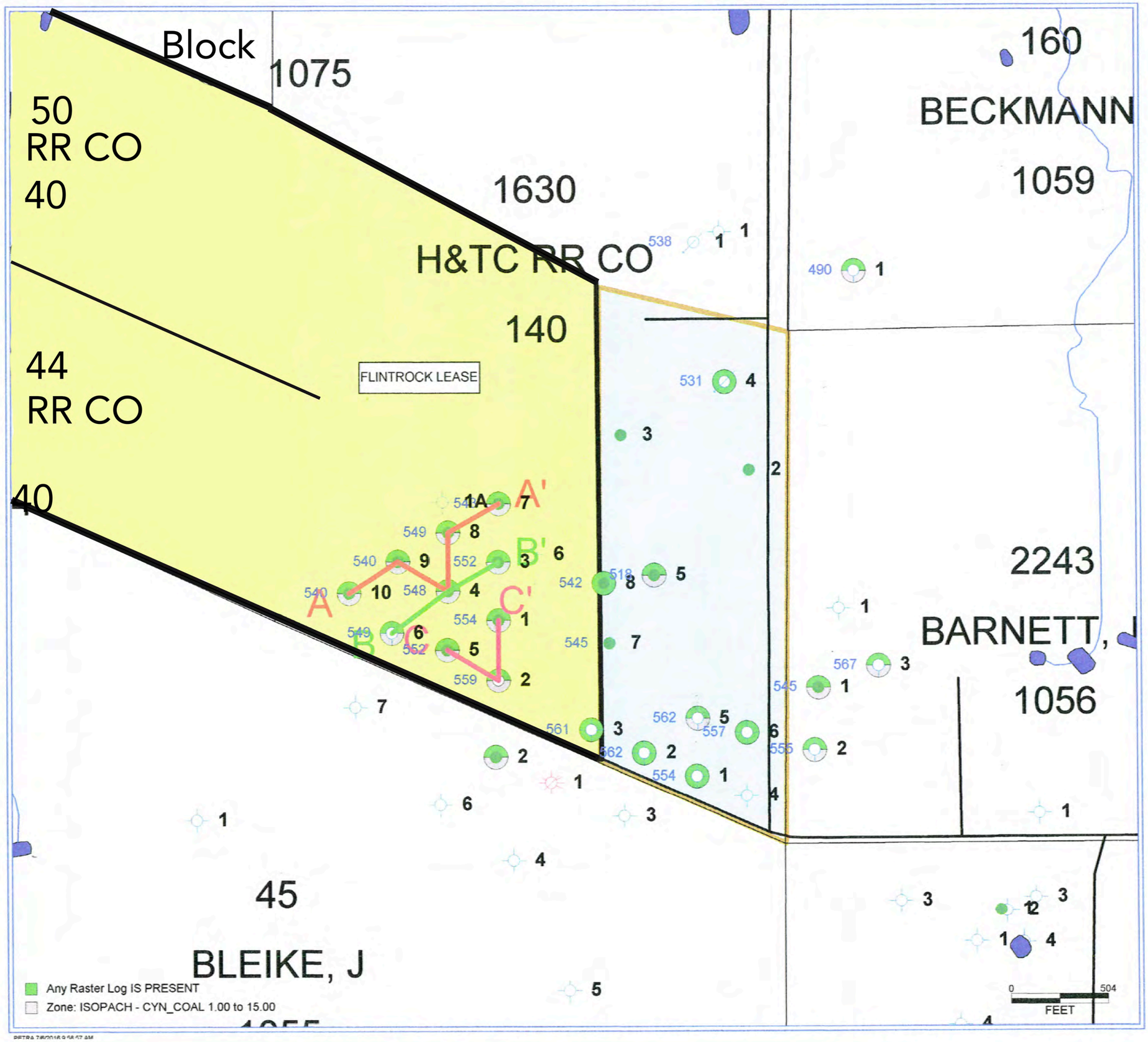
FLINTROCK RESOURCES
Management, Inc.

Lohn Field
Strawn Sand

Well Locations
Morris Sand

- Salt Water Injection
- Shut In Gas 325 PSI
- Gas Well
- Produced, Plugged & Abandoned Gas Well
- Gas Well Dry Hole
- Shut in Gas Well
- Producing Oil Well
- Dry Hole
- Oil Well Produced Plugged & Abandoned
- Proposed Well Location
- Potential Location
- Oil Well Shut in

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RR CO
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1630
H&TC RR CO
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BECKMANN
1059
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RR CO
FLINTROCK LEASE
40
2243
BARNETT, J
1056
45
BLEIKE, J
A
A'
B
B'
C
C'
Any Raster Log IS PRESENT
Zone: ISOPACH - CYN_COAL 1.00 to 15.00
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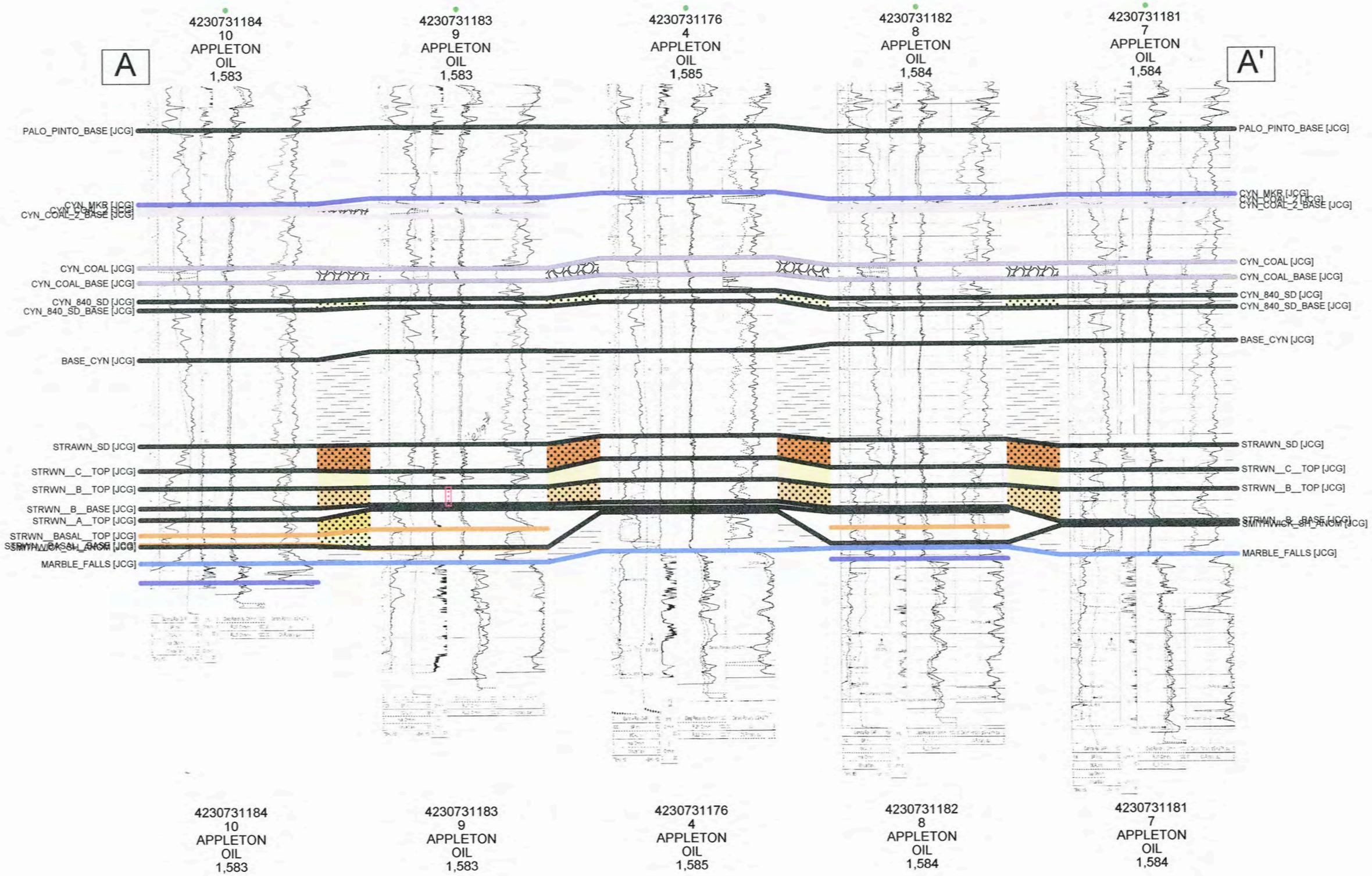
FEET

B BALLENGER



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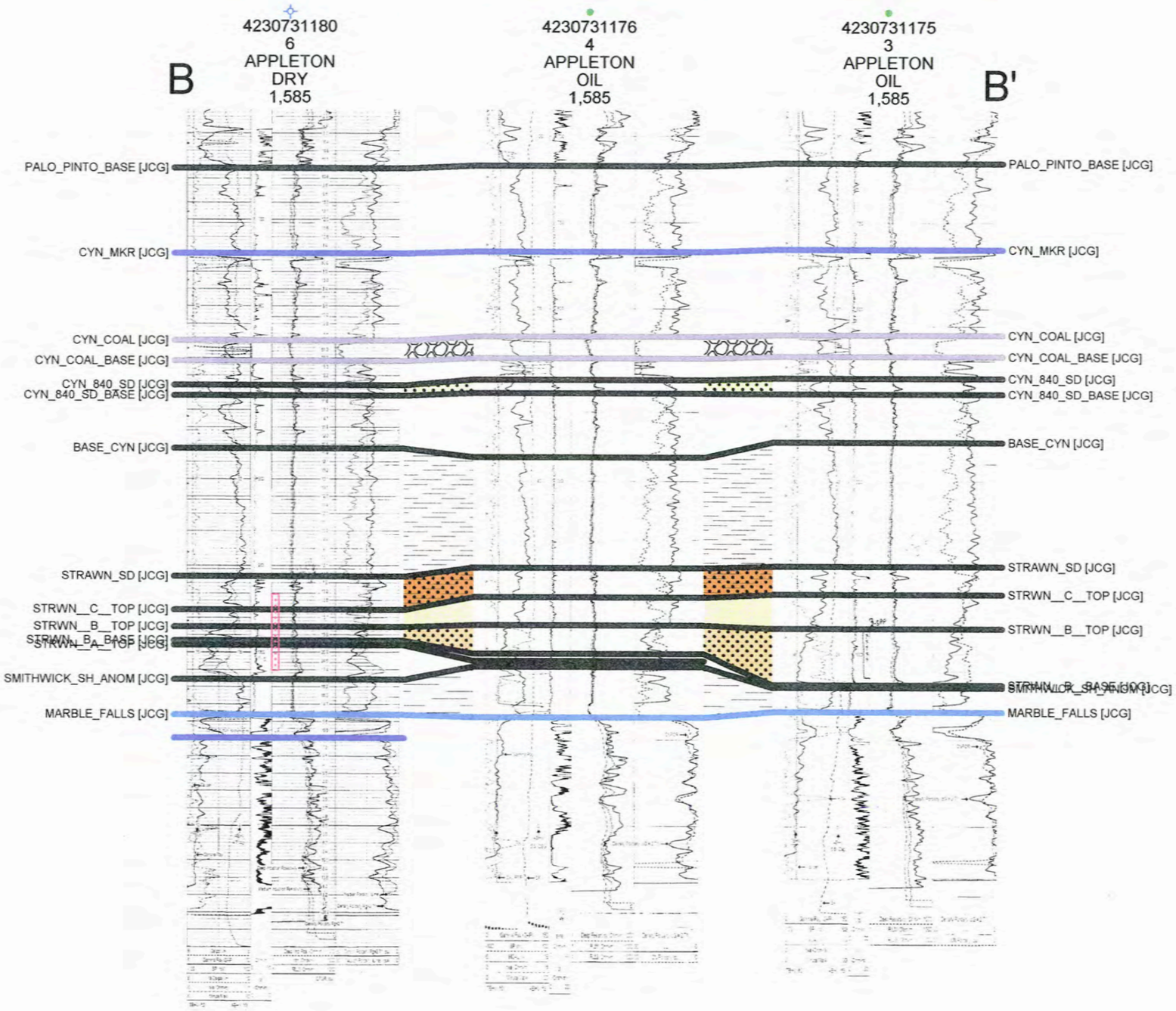

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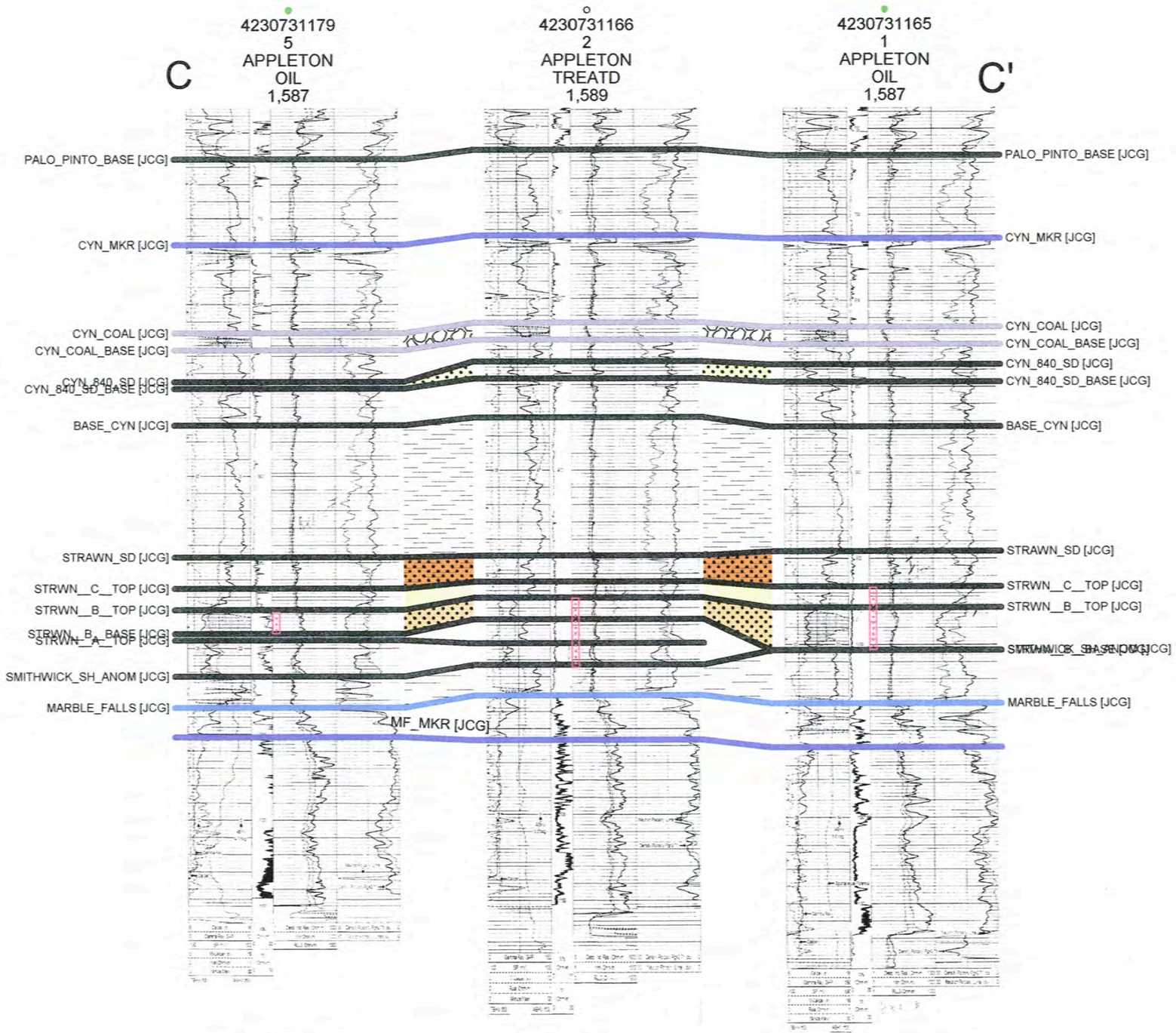

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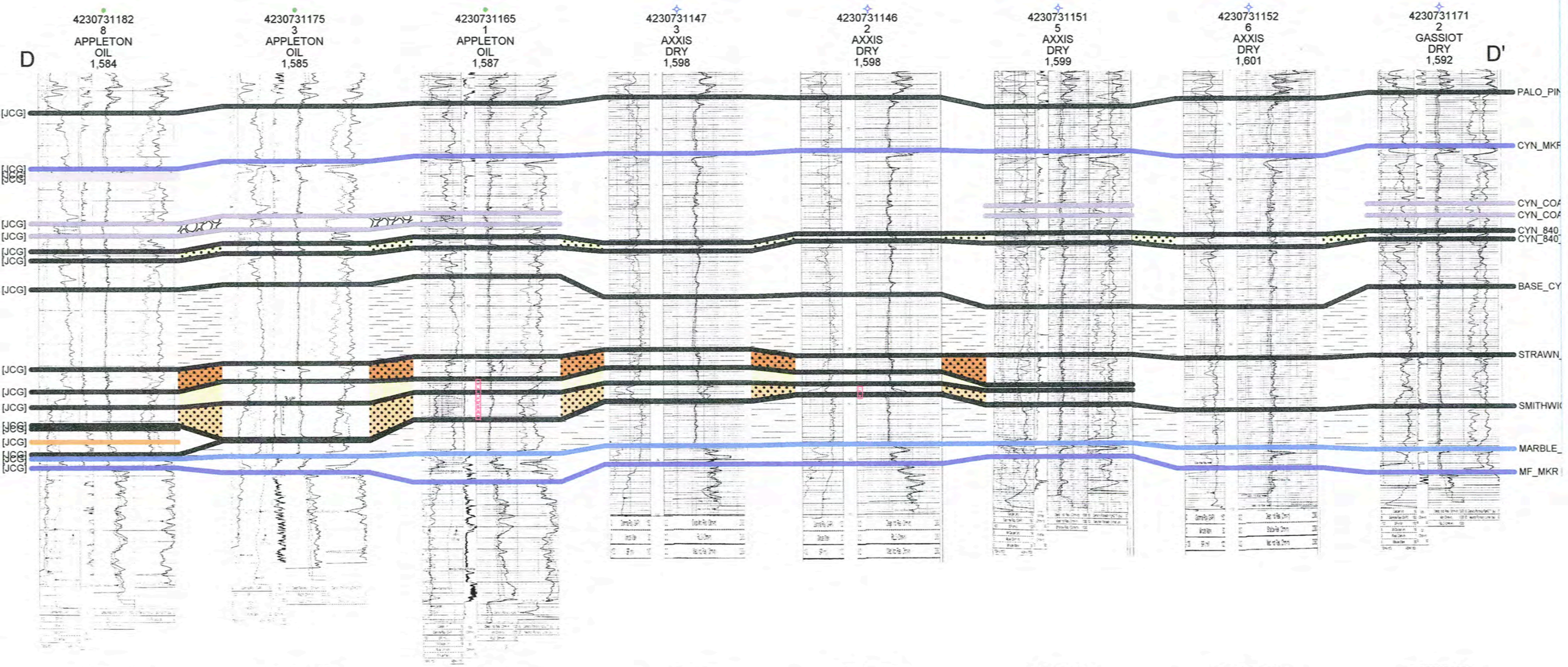

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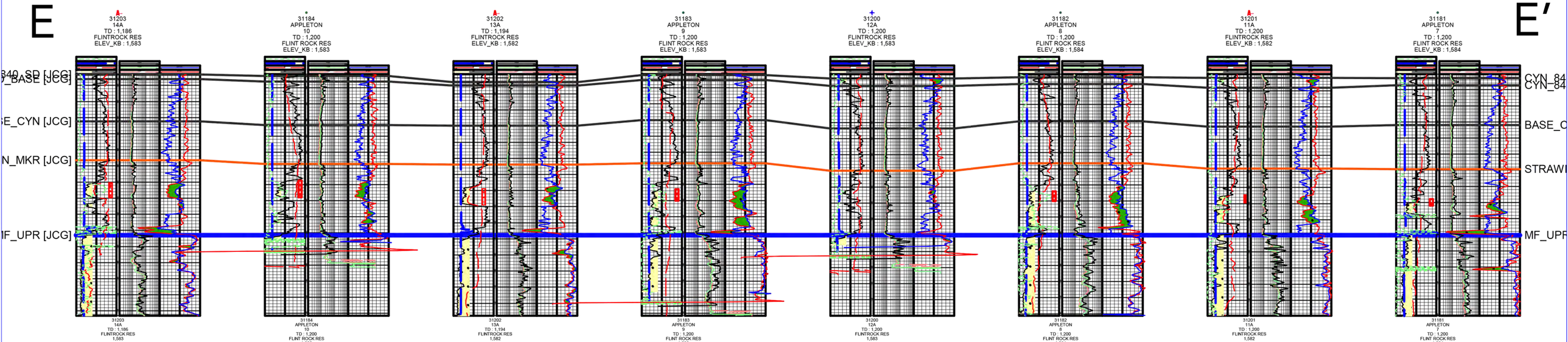

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KOENING, G E

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1791

H&TC RR CO

140

FLINTROCK RESOURCES
Management, Inc.

1630

H&TC RR CO

140

160

BECKMANN, H

1059

222

DITTMER, H

1110

FLINTROCK LEASE

2243

BARNETT, JW

1056

1992

CAILLONETTE

1057

1563

H&TC RR CO

138

BLEIKE, J

1055

Lohn Field
Structure Top Caddo Lime
C.I. = 10'
Scale 1'= 723'

Prop Locs

Lorem Ipsum

"CARR"

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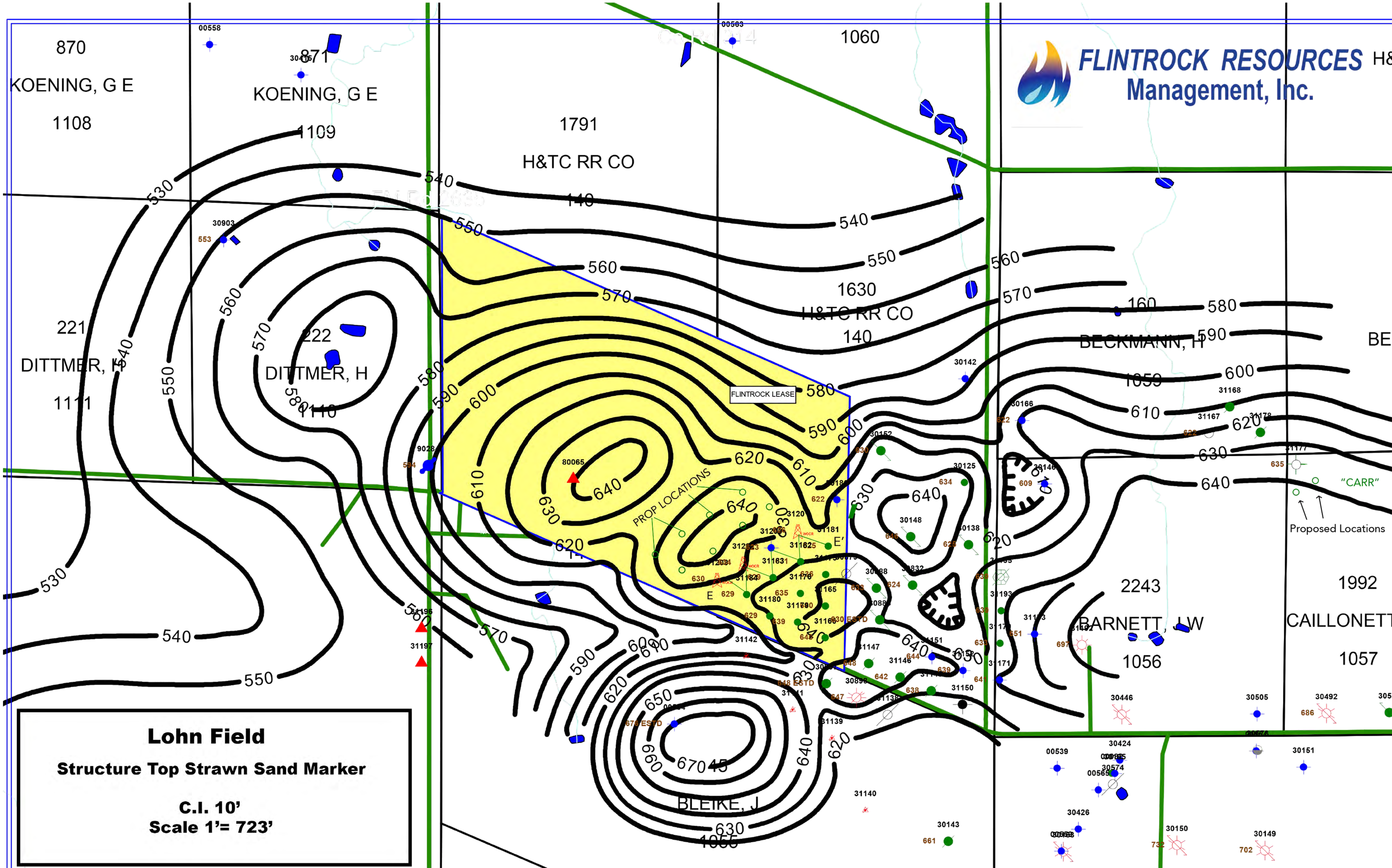

FLINTROCK RESOURCES
Management, Inc.
Lohn Field
Structure Top Strawn Sand Marker
C.I. 10'
Scale 1'= 723'
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871
KOENING, G E
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1791
H&TC RR CO
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FLINTROCK LEASE
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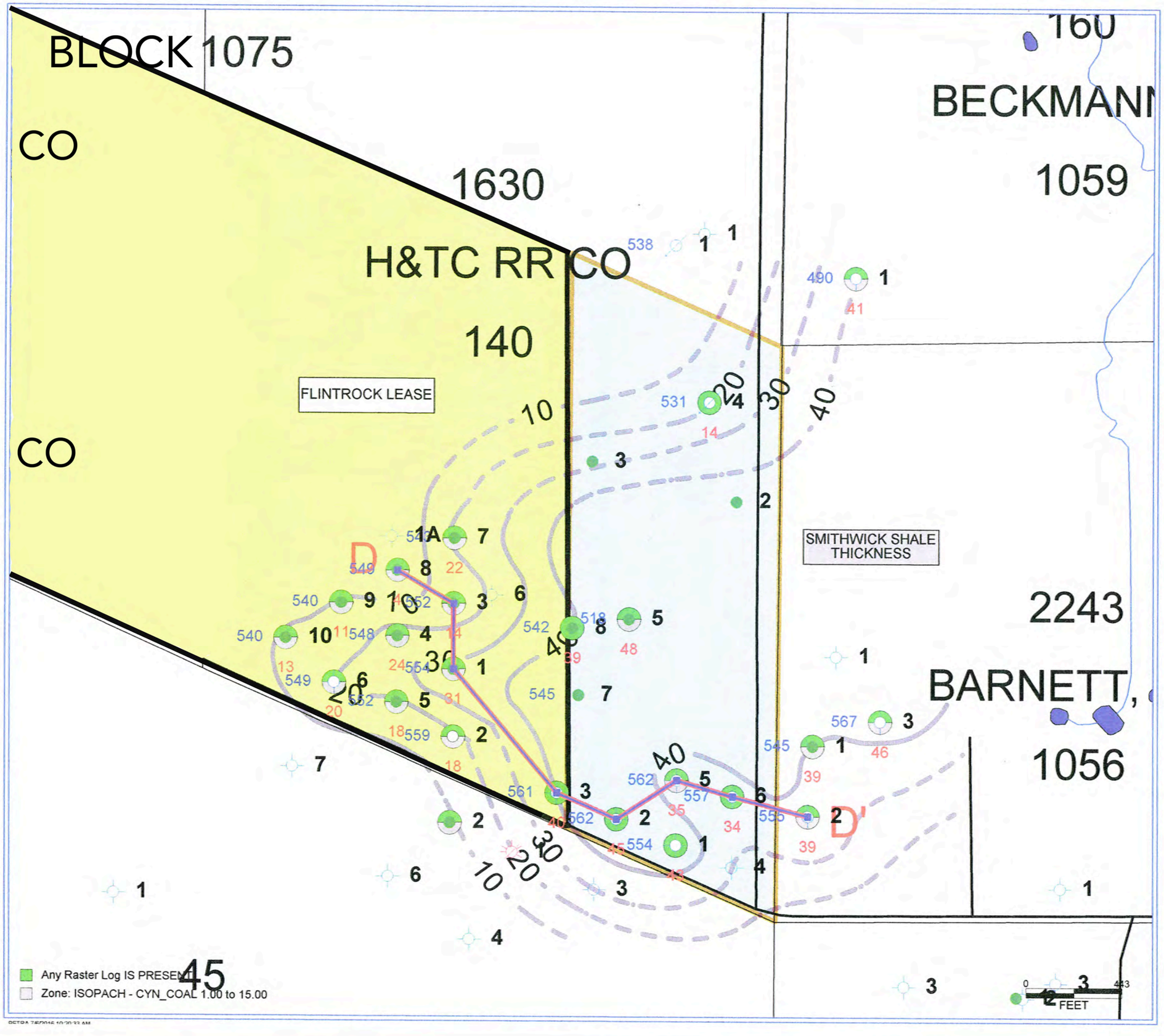
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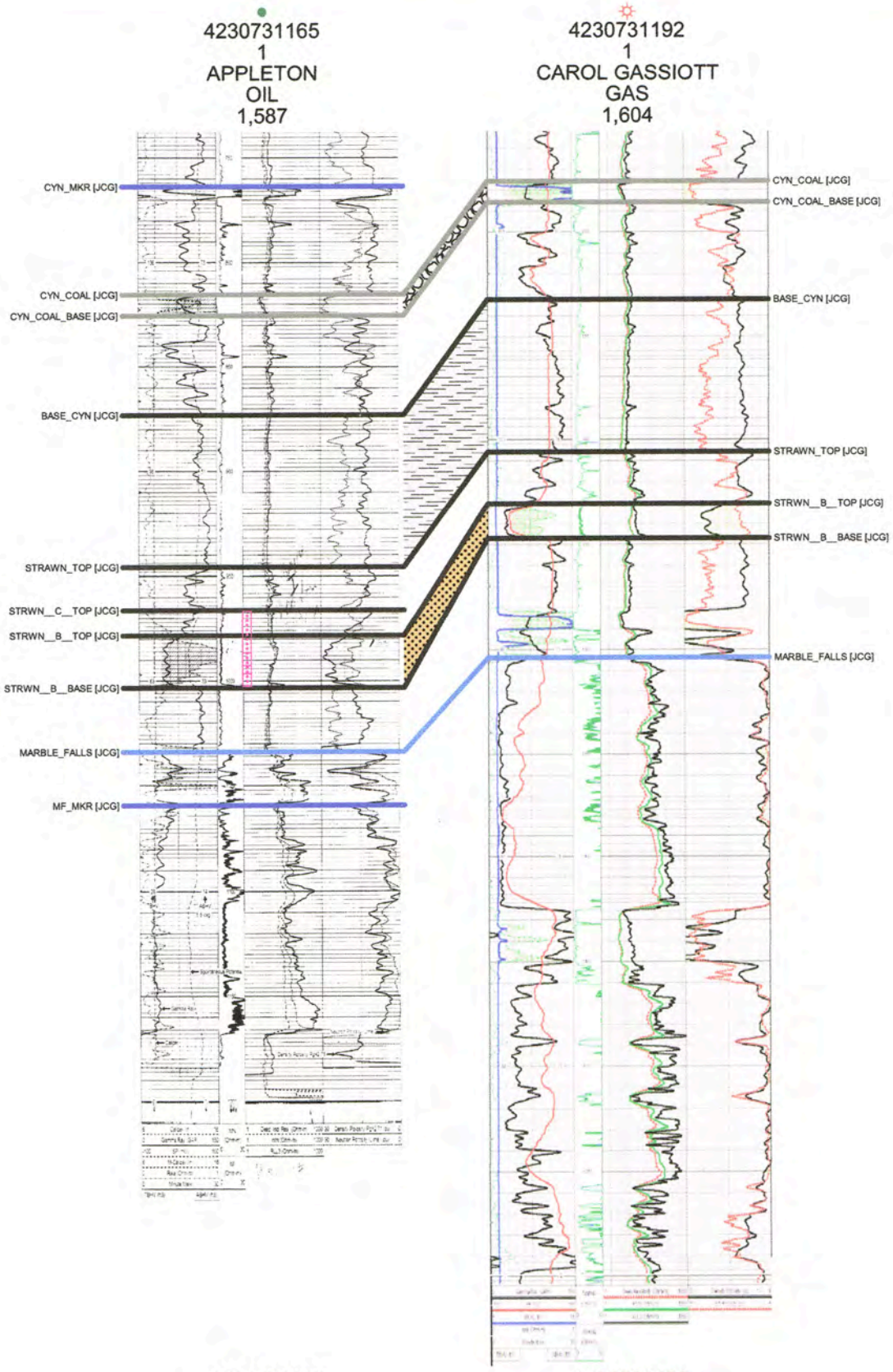
BECKMANN
1059
SMITHWICK SHALE THICKNESS
2243
BARNETT,
1056
D
D'
10
20
30
40
45
Any Raster Log IS PRESENT
Zone: ISOPACH - CYN_COAL 1.00 to 15.00
0
3
443
12
FEET


4230731165
1
APPLETON
OIL
1,587
4230731192
1
CAROL GASSIOTT
GAS
1,604
CYN_MKR [JCG]
CYN_COAL [JCG]
CYN_COAL_BASE [JCG]
BASE_CYN [JCG]
STRAWN_TOP [JCG]
STRWN__C__TOP [JCG]
STRWN__B__TOP [JCG]
STRWN__B__BASE [JCG]
MARBLE_FALLS [JCG]
MF_MKR [JCG]
CYN_COAL [JCG]
CYN_COAL_BASE [JCG]
BASE_CYN [JCG]
STRAWN_TOP [JCG]
STRWN__B__TOP [JCG]
STRWN__B__BASE [JCG]
MARBLE_FALLS [JCG]
4230731165
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APPLETON
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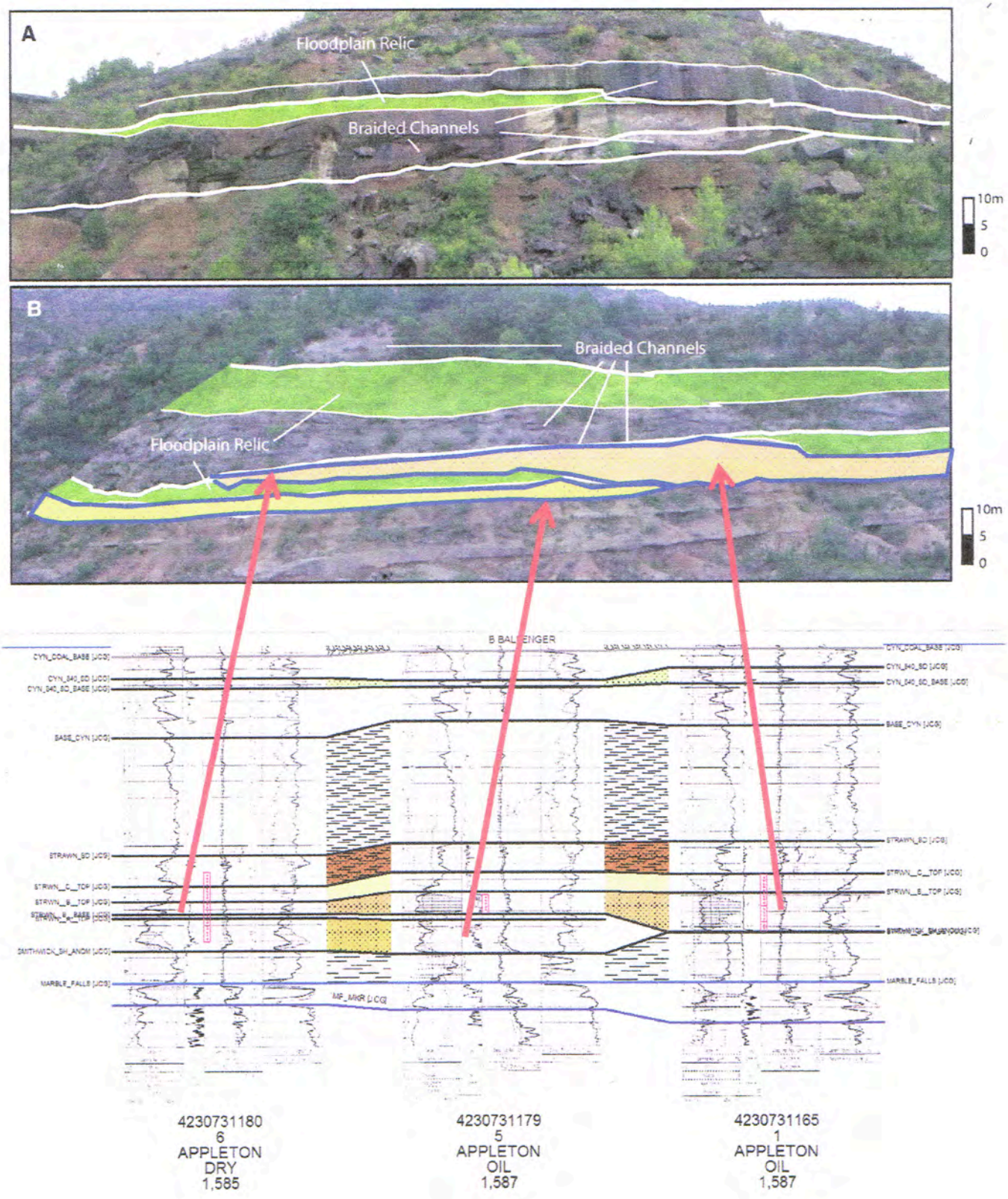
CAROL GASSIOTT


A
Floodplain Relic
Braided Channels
10m
5
0
B
Braided Channels
Floodplain Relic
10m
5
0
B BALLENGER
CYN_COAL_BASE [UCG]
CYN_540_SD [UCG]
CYN_540_SD_BASE [UCG]
BASE_CYN [UCG]
STRAWN_SD [UCG]
STRWN_C__TOP [UCG]
STRWN_B__TOP [UCG]
SMITHWICK_SH_ANOM [UCG]
MARBLE_FALLS [UCG]
MF_MKR [UCG]
4230731180
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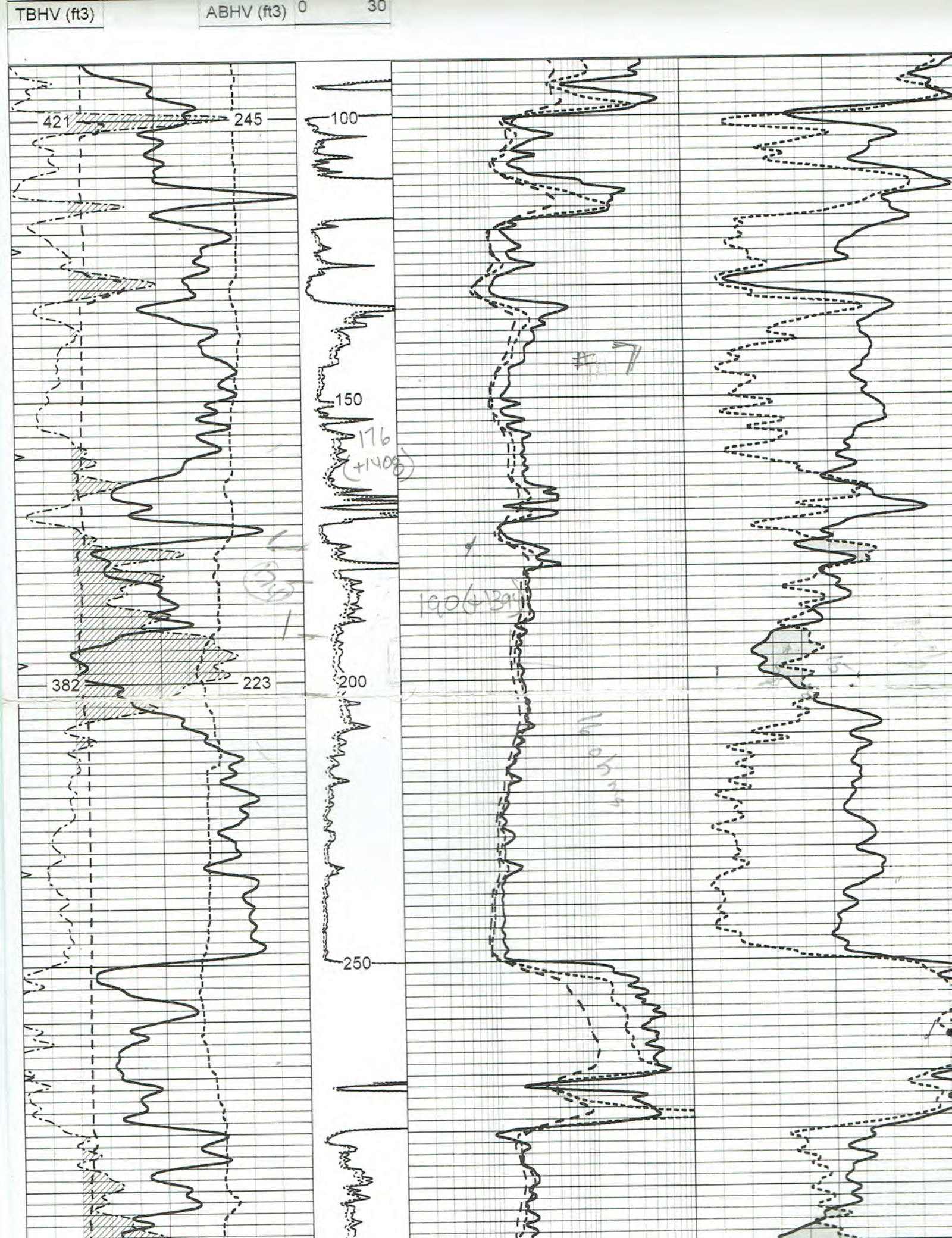
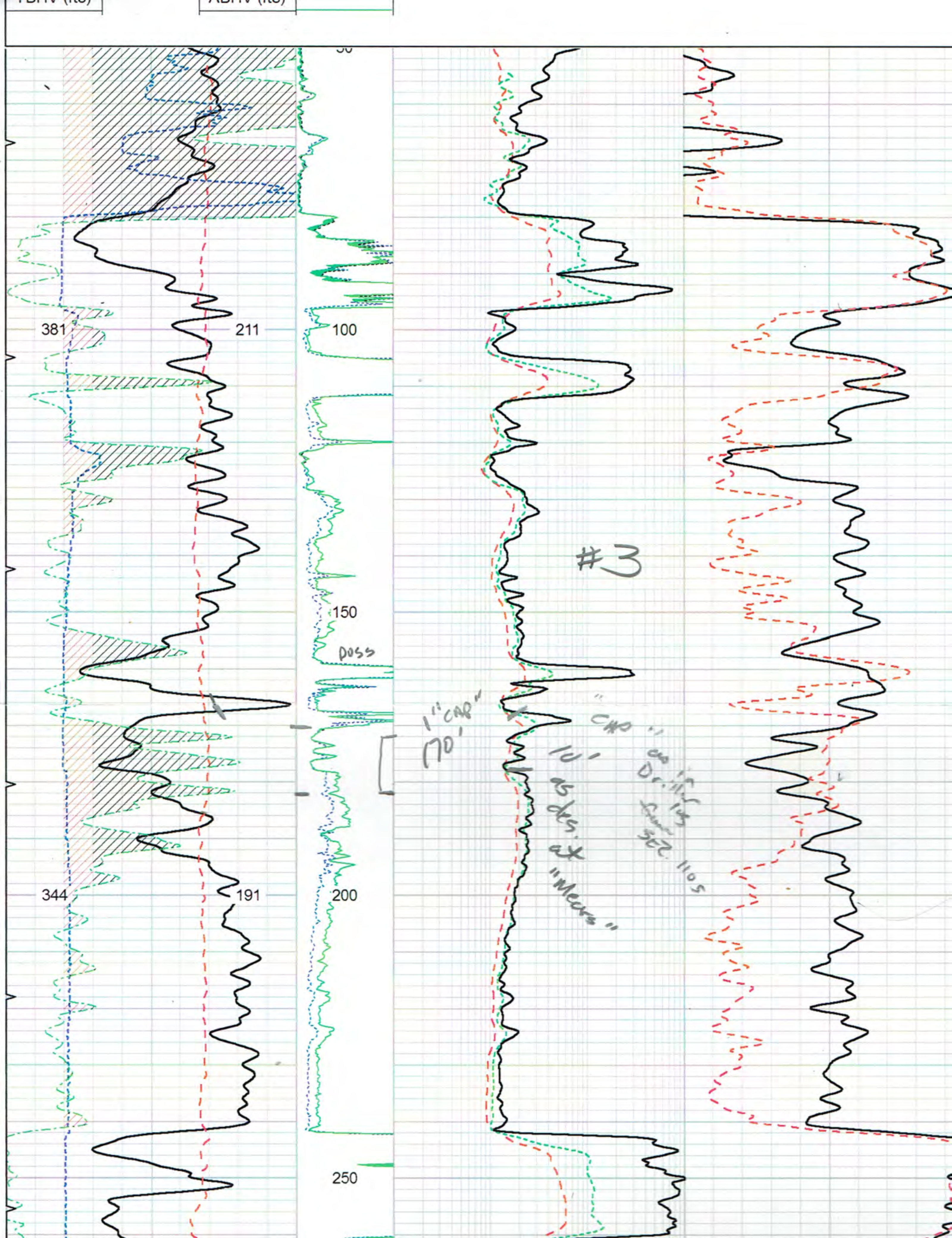
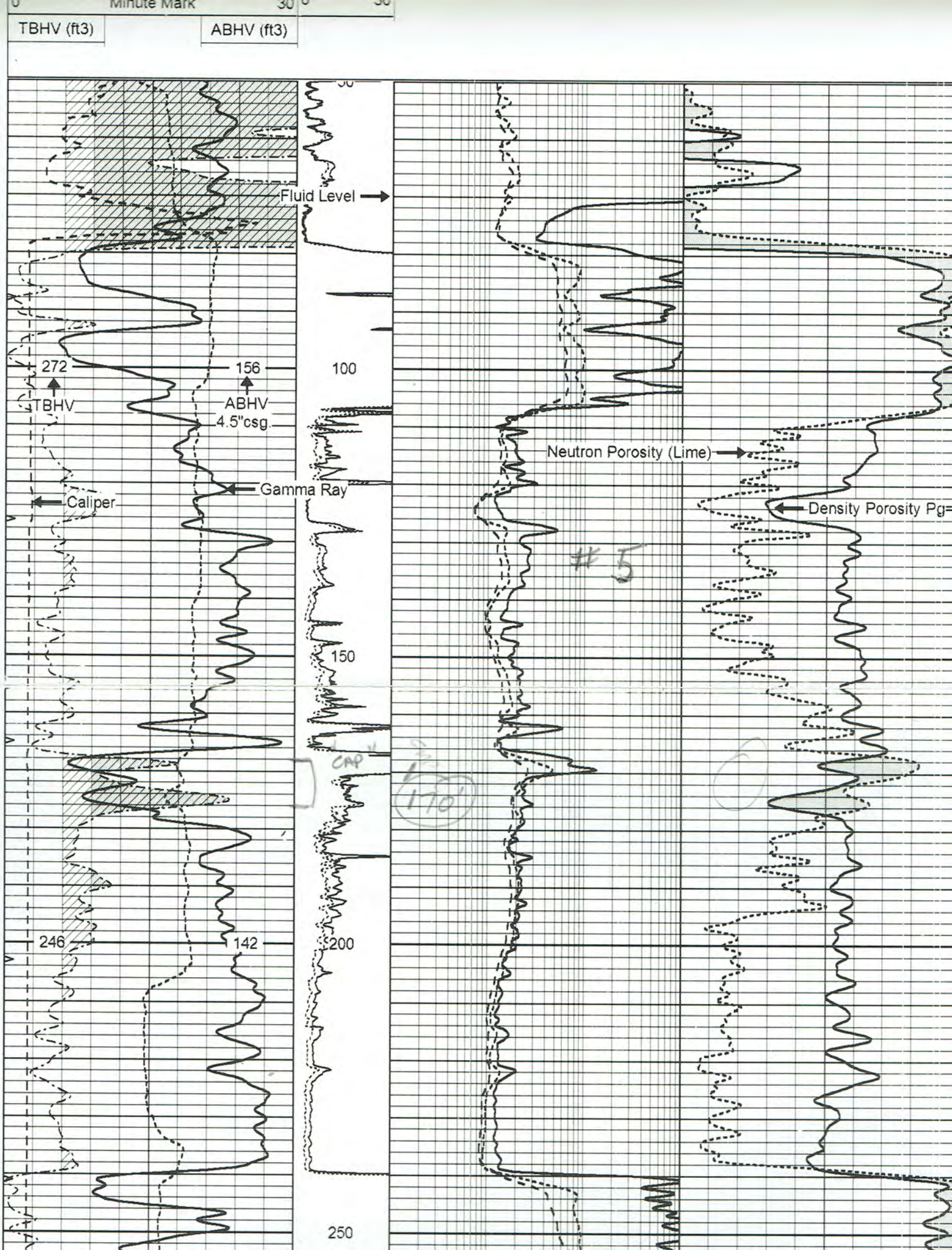
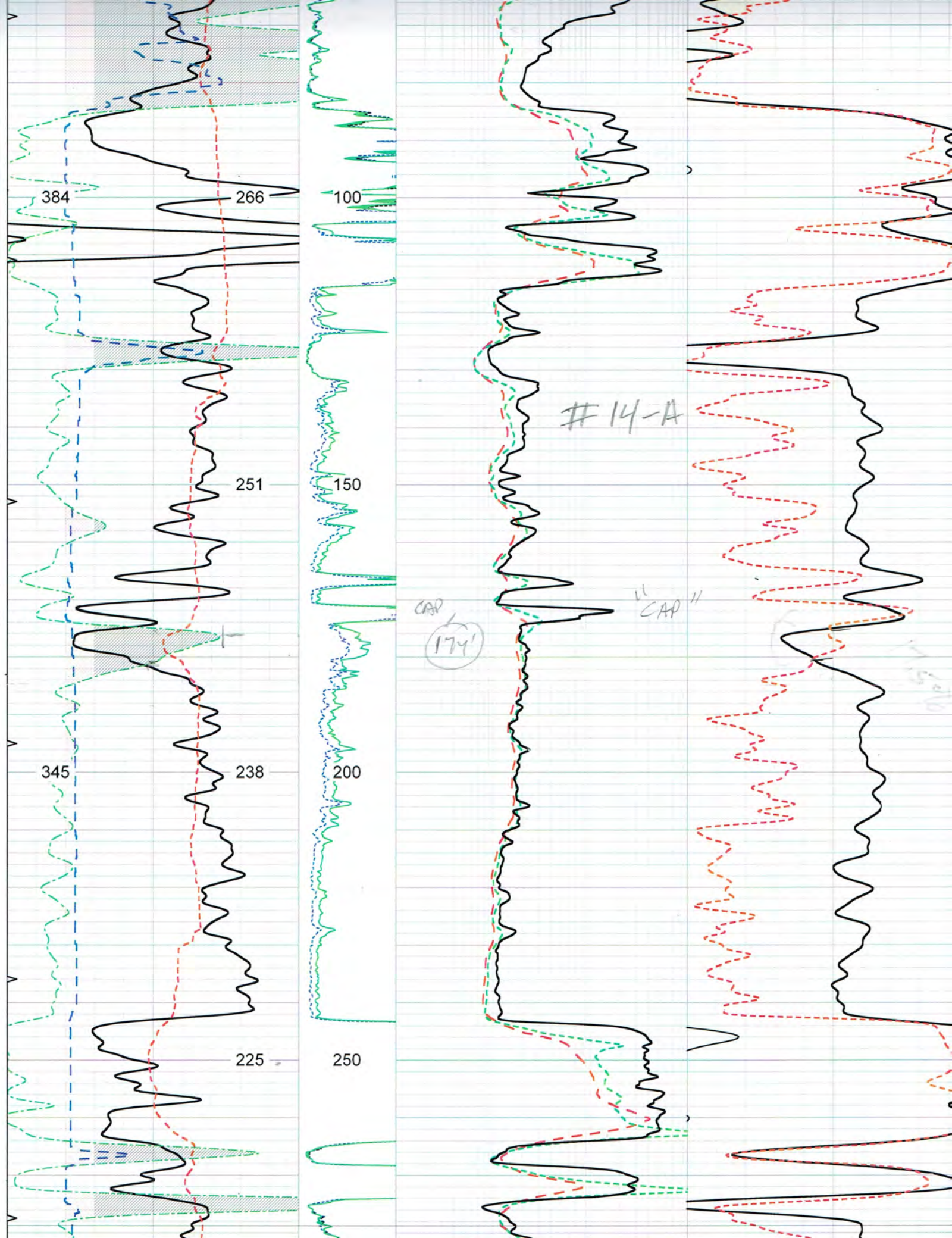
OIL
1,587


TBHV (ft3)
ABHV (ft3)
0
30
421
245
382
223
100
150
200
250
176
(+140)



381
211
100
150
200
250
344
191
#3
1" CAP"
170'


0
Minute Mark
30
0
30
TBHV (ft3)
ABHV (ft3)
Fluid Level
272
156
100
TBHV
ABHV
4.5"csg.
Gamma Ray
Caliper
Neutron Porosity (Lime)
Density Porosity Pg=
#5
150
CAP
170'
246
142
200
250


384
266
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251
150
345
238
200
225
250
#14-A
CAP
174'
"CAP"

McCulloch County—A Deep Test Field

It can be said without fear of contradiction that McCulloch County has more deep tests drilling and contracted for than any County outside of the known deep-well producing fields. At present there are contracts for 18 deep tests on record, the majority of which are now drilling, and each week sees new contracts made. McCulloch County land owners are willing and anxious to co-operate with the producers who really mean business, and who will back up their propositions by delivering the goods. In McCulloch County some of the biggest oil companies in the United States are drilling. The leading geologists of the country have given most flattering reports, and that deep oil is here in paying quantities is the belief of the best informed in oil formations. There is still room for other deep tests, and producers are wanted. Write for information, or, still better, come and look the situation over.

The Lohn Shallow Field

While it does not overshadow or in any way eclipse the operations for deep oil in McCulloch County, the Lohn shallow field, 15 miles north of Brady, is rapidly coming into prominence as one of the most popular and paying shallow fields in Texas. At present there is something like one dozen producing wells, pumping all the way from 10 to 40 barrels per day, which is being supplied as fuel to the deep tests in this part of the county. The oil sand is penetrated at from 207 feet on the east side to nearly 400 feet to the westward—the shallow sand being struck at 380 feet, 21 feet in thickness, by the Prairie Oil & Gas Co., who are now drilling a series of shallow wells to develop this sand. These wells are inexpensive to drill and pay themselves out in a short time with production. The Lohn country is now dotted with these shallow rigs, and the movement is just getting well started.

The oil from this field is said to be almost exactly the same as that of the Ranger field, and tests 42.5 gravity.

The best indication of oil is oil itself—come to McCulloch County and see wells producing 20 to 35 barrels daily, at a depth of little more than 200 feet.

Brady Chamber of Commerce. McCulloch County, Texas : dots show producing wells and wells drilling the Lohn Shallow Field, derricks show deep tests., map, [1910..1930]; (https://texashistory.unt.edu/ark:/67531/metapth252091/m1/2/: accessed May 28, 2019), University of North Texas Libraries, The Portal to Texas History, texashistory.unt.edu; .

McCULLOCH COUNTY— The Next BIG STRIKE

After the discovery of the famous Ranger field, people were wondering where the next big strike would be. It was Burkburnett. After Burkburnett came the big Duke and Knowles wells in Comanche County. People are now wondering where the next big strike will be. We say it will be McCulloch County. The big oil producers and the Geologists say it will be McCulloch County, and everybody have their eyes on the McCulloch County field.

We have the geology in our favor. Four anticlinal structures traverse the County from Northeast to Southwest, and numerous big domes in the County offer most promising drilling sites. Four oil-bearing sands known to underlie McCulloch County offer as many chances for oil:

The Lohn sand at from 200 to 1000 feet.

The Brownwood sand at from 300 to 1000 feet.

The Ranger sand at from 1500 to 2500 feet.

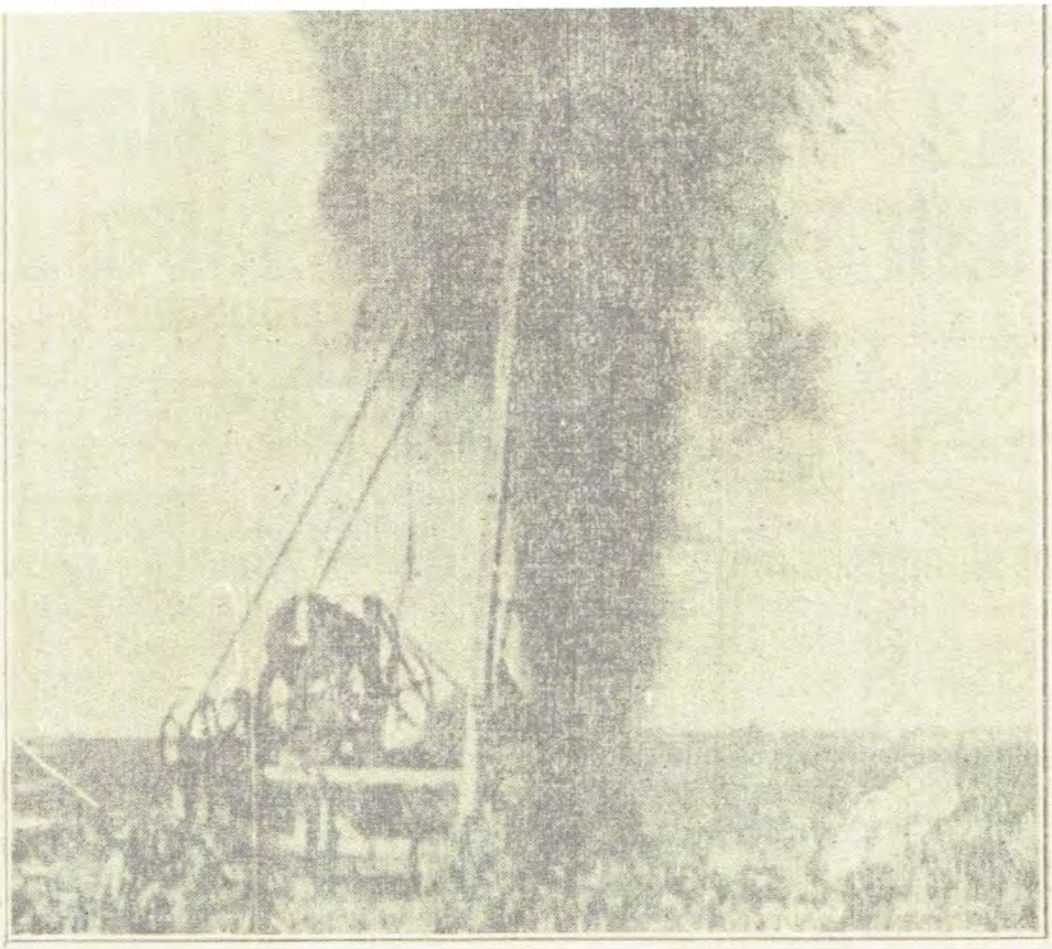
The Lower Bend sand at from 2000 to 3000 feet.

And also the fact that McCulloch County already has oil. The Lohn shallow field, with numerous producing wells, shows that the oil is here. This oil is the only oil in Texas the same as that found at Ranger, and the big pool is sure to be struck by some of the big companies now operating in this County.

If you want to be in on the ground floor when the big strike comes, now is the time to invest. Acreage may be now had at a price a fraction of what it will cost when the big strike comes.

Don't be one of the ones who say, "I wish I had gotten in when the getting was good."

THE PORTAL TO



Shooting of Tucker Well No. 1

Taken from actual photograph of the shooting of Tucker well No. 1 in McCulloch County's shallow field. This company now has 6 producing wells. No. 6 which was put on a 3-H. P. engine with long stoke pump last week, is easily making 35 barrels daily. These wells are 215 feet in depth, and the oil tests 42.5 gravity. Numerous shallow wells now drilling

6 PROD WELLS, 215'

LEADING GEOLOGISTS SAY OIL SURE TO BE FOUND HERE

Numerous Geologists have found the formation and structural conditions in McCulloch County most favorable for the accumulation and retention of oil, and that it should make a wonderful oil field.

Among the Geologists so reporting, are the following: W. W. ORCUTT, Chief Geologist of the Union Oil Company; M. J. MUNN, for many years with the United States Geological Survey, and later head of Geological Department of the Gipsy Oil Company of Oklahoma; A. D. LOYD and MAJOR OTTEY, prominent Geologists of Kansas; C. S. THOMAS, Geologist for the Union Oil Company; PROF. W. L. WATTS, former State Geologist of the State of California; DR. J. A. UDDEN, head of the Geological Department of Texas; E. E. VICTOR of Tulsa, Okla.; GEO. F. KING, of Denver, Colo., Consulting Geologist for several of the large oil companies; A. L. BEAKLEY, Geologist for the Cosden Oil & Gas Company.

ALL THE LARGER OIL COMPANIES HAVE DRILLING CONTRACTS OR ARE CHECKER-BOARDING THE COUNTY HEAVILY.

LATEST LIST OF WELLS DRILLING AND CONTRACTED TO DRILL IN M'CULLOCH CO.

C. S. THOMAS (Comfort) No. 1—Drilling on W. Ludwig Survey No. 1237, half mile East of Whiteland.

C. S. THOMAS (Craig) No. 2—Spudded in January 28, 1919, on Southwest corner C. Usner Survey No. 1351, in Salt Gap community, 4½ miles North and 1 mile West of Melvin.

C. S. THOMAS (Cow Gap) No. 3—Under contract and will drill at an early date.

DOUGLAS OIL COMPANY—Drilling on North middle of Survey No. 1134 (Heinrich Barthing Survey).

BURFORD & BRIMM OIL & GAS COMPANY — Drilling on Southwest corner J. P. Eddleman Survey No. 968.

MIDDLE STATES OIL COMPANY—Contracted to drill deep test on lease holdings North of Liberty Oil & Refining Co.'s holdings, near Fife.

TEXAS EASTERN OIL COMPANY—Drilling 4 miles Southeast of Rochelle.

GLOBE (FIDELITY) OIL COMPANY—Ready to resume drilling on Peter Schandera Survey No. 966.

J. E. MORGAN—Drilling on State School Survey No. 2, two miles North of Brady.

GEORGE F. KING—Drilling on line of Surveys Nos. 401 and 402, two miles Southeast of Brady.

Brady Chamber of Commerce. McCulloch County, Texas : dots show producing wells and wells drilling the Lohn Shallow Field, derricks show deep tests., map, [1910..1930]; (https://texashistory.unt.edu/ark:/67531/metapth252091/m1/2/: accessed May 28, 2019), University of North Texas Libraries, The Portal to Texas History, texashistory.unt.edu; .

MOORE BROS., of Tulsa, Okla.—To drill on Survey 495 (Richards ranch). Material being placed on ground. Eight miles east of Brady. Deep test.

TIDAL OIL CO.—Drilling deep test in Northwest corner of McCulloch County.

PAT MURPHY and Associates of San Angelo—To begin at once on 500-foot test north part of Survey 85, near Pear Valley.

EAST OF 1105

A. W. COOPER—Drilling series of eight shallow tests on Survey 1104, offsetting Tucker producing shallow wells. Well No. 1 in and estimated as 40-barrel producer.

TUCKER OIL & GAS COMPANY—Five producing wells on pump on Survey No. 1105. Are preparing to install power plant to pull their wells and also adjoining wells of A. W. Cooper and Empire Gas & Fuel Company.

COBB & LOWRY—Drilling on Northwest corner of Survey No. 99. Three shallow wells contracted.

EMPIRE GAS & FUEL COMPANY—To drill series of shallow wells on South ahlf of Survey No. 99.

BRADY OIL & GAS COMPANY—To drill five shallow wells on Joseph Hoelscher Survey No. 562, 1½ miles Northwest of Brady.

SW of 1105

ALVARADO OIL ASSOCIATION—Drilling six shallow wells on Survey 1166, near Lohn shallow field.

SW of 1105

LOHN OIL & GAS CO.—Drilling three shallow wells on Survey 1164. No. 1 expected in next week.

RECORD OIL & REFINING CO. (successors to Weaver & Weaver)—Drilling wells Nos. 1 and 2 on South half of Survey No. 99. Also to drill at once on Northwest part of Survey 85, and on South half of Survey 1103. Rig en route for 1500-foot test on Survey 1196.

C. A. FLUTY, J. A. TURNER, et al.—To drill at once on Survey 83, four miles south of Lohn shallow field.

W. O. BUCY and Associates, of Greenville—To drill at once on Survey 85, South of Prairie Oil & Gas Co., and Southwest of Lohn field.

BRADY OIL & GAS COMPANY—Contracted to drill deep test on Joseph Hoelscher Survey No. 562, 1½ miles Northwest of Brady.

24 Deep Tests and 55 Shallow Wells Contracted For, or Now Drilling in County

For any Information Call on Us Freely—We Are Here to Serve You

BRADY CHAMBER OF COMMERCE

BRADY, TEXAS

Brady Chamber of Commerce. McCulloch County, Texas : dots show producing wells and wells drilling the Lohn Shallow Field, derricks show deep tests., map, [1910..1930]; (https://texashistory.unt.edu/ark:/67531/metapth252091/m1/2/: accessed May 28, 2019), University of North Texas Libraries, The Portal to Texas History, texashistory.unt.edu; .

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J. E. MORGAN—Drilling on State School Survey No. 2, two miles North of Brady.

GEORGE F. KING—Drilling on line of Surveys Nos. 401 and 402, two miles Southeast of Brady.

TEXAS OIL & REFINING CO. (successors to Thad O. Day) — Spudding in with new standard rig on J. H. Gibson Survey No. 1 (P. C. Dutton), 11 miles north and one mile west of Brady.

COOPER & SHIELDS—Drilling on Survey 1066, 16 miles North of Brady; two miles Northwest of Lohn shallow field.

PRAIRIE OIL & GAS CO.—Drilling on Southwest corner Survey 89, deep test. Also drilling series of shallow wells for sand 21 feet thick at 380 feet.

C. M. MEADOWS et al (Kansas City Oil Co.)—Contracted to drill two deep tests on Capps ranch, 13 miles Northeast of Brady. Will be drilling on two wells by June 1st, 1919.

SMITH & JERGINS—Rigged up for deep test on Northwest corner Survey No. 42; deep test. Also drilling on shallow test on Survey 1331, in same block.

CUNNINGHAM, DEVINE & COOPER—Contracted to drill two deep tests. No. 1, on the W. N. White ranch, 14 miles north of Brady, and No. 2 on the W. N. & G. R. White ranch, 16 miles Northeast of Brady, the wells to be about seven miles apart. Geologist now detailing the land for locations, and drilling to begin at an early date. Both 3500 feet or more.

GEO. F. KING—Contracted to drill deep test on Survey 333 (Harkrider ranch), seven miles Southwest of Brady. Location made and drilling to begin with standard rig at once.

JOHN M. HEMBREE, et al.—To drill 1500-foot test, center of Surveys 1277 and 1276. Big Star Rig en route. Northwest of Prairie Oil & Gas location, two miles.

CORSICANA OIL CO.—To drill at once on Survey 337, one and one-half miles north of Hembree location.

MOORE BROS., of Tulsa, Okla.—To drill on Survey 495 (Richards ranch). Material being placed on ground. Eight miles east of Brady. Deep test.

TIDAL OIL CO.—Drilling deep test in Northwest corner of McCulloch County.

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S. GRAHAM, President F. M. RICHARDS, Vice President

Brady Commercial Club

D. R. HARDISON, Secretary

Meers

McCulloch Co.

DIRECTORS
S. S. Graham
D. F. Savage
W. D. Crothers
F. M. Richards
C. A. Trigg
J. R. Stone
J. H. Hill
Thos. Bell

COMMITTEES

Good Roads: W. D. Crothers, Geo. Gansel, Thos. Bell, E. L. Jones

Industrial: Ed Broad, J. T. Mann, S. A. Conley, Sam Moffatt

Membership: D. F. Savage, Dr. J. G. McCall, Max Scharff, Howard Broad

Advertising: J. F. Montgomery, D. Doole. Jr., Julian Davis, Dr. J. B. Granville

Finance: C. A. Trigg, J. R. Stone, J. H. Hill

Civic Improvements: Mesdames— F. W. Henderson, F. M. Richards, D. R. Hardison, E. E. Willoughby, W. N. White

Entertainment: H. N. Cook, S. A. Benham, F. M. Richards

DIRECTORS
J. T. Mann
S. A. Conley
S. A. Benham
D. Doole. Jr.
Sam Moffatt
Max Scharff
J. G. McCall
J. F. Montgomery

1912

Brady, Texas, June, 29th, 1912.

Wm.B.Phillips, Director,
Bureau Geology and Technology,
Austin.

5 PRODUCING ON "MEERS" 1105 25-30 BBDL

Dear Sir:-

I have your letter of the 20th.

Will say in regard to the oil fields near here, that the depth of five producing wells are 210 ft.deep. The wells are called the "Meers Oil Wells". However, there are several chartered companies at work there now. The Brady Oil and Gas Co., The Big Four Oil Co., The West Texas Oil Co., and there are others whose names have escaped me.

The wells are all pumpers and producing about 25 or 30 barrels per day. There are companies now with deep well out fits going down deeper. Two big rigs are there now, one down 535 ft, and the other about 400ft. Both have struck oil, but they are after flowing oil. Three other deep well out fits are on the way there to-day.

I think that the formation is in sand. I have been unable to get that information for you. The same conditions here as at Electra, so say the men who have worked at both places. The general surface conditions are very much alike, I am told. However, the men tell me that the quality of oil procured here is better.

The samples sent you with the oil were taken from near the top of the ground. The deeper we go the better the quality, it seems. Your opinion will be greatly appreciated.

Trusting that we may have you for a visit soon,
I am with great respect,

D. R. Hardison
Secretary.

Altitude oil fields 1700 ft.
North West of Brady 10 miles.

J. Meer's Well. McCulloch County.

Verified

Log of J. Meer's Well located two miles west and one mile north of Lohn, near center of Survey 1105.

SEC 1105

	Depth in Feet From	To	Thickness
Black soil	0	10	10
Yellow clay	10	30	20
Pink clay	30	50	20
Blue shale	50	77	27
Blue lime	77	93	16
Blue and yellow shale	93	166	73
White lime	166	190	24
Black shale	190	202	12
Blue shale	202	207	5
Brown shale	207	210	3
Cap sand	210	213	3
Pay sand, oil at top	213	220	7
Salt water sand	220	231	11
Blue shale	231	245	14
White porous sand (Water and more than a scum of oil)	245	250	5
Blue shale	250	281	31
White lime	281	286	5
Blue shale	286	305	19
White lime	305	345	40
Black slate or coal	345	348	3
Blue and white lime	348	362	14
Blue shale	362	364	2
Light brown sand, hard, dry	364	376	12
Dark lime	376	386	10
Blue shale	386	391	5
Blue lime	391	406	15
Tape line			
Blue shale	390	411	21
Dark blue lime	411	417	6
Pepper and salt sand	417	429	12
White lime	429	474	45
Blue shale	474	484	10
Grey sand(20 gal per min salt water)	484	494	10
Blue shale, very sticky	494	503	9
Dark lime, trace of oil	503	537	34
Blue shale	537	553	16
Dark lime, scum of oil	553	587	4
Dark grey sand, dry, pepper and salt	587	593	6
Blue sandy shale (Fossils most abundant. Oil in shale) #One screw of shale, with some gas and oil in this.	593	597	4
Dark grey dry sand, very light	597	632	35
Brown and blue shale	632	659	27
Lime, top white, balance dark and oily #(See first note)	659	717	58
Blue shale	717	729	12

As on Applet

Cap Tag 64

OIL @ 213

Shallow 200' oil 2.5 miles NW LOHN

Moore & Roberts #1 McCullough County

Moore & Roberts #1, M. L. Howell, Lohn, Tex.

Location: J. Chering Survey 281, Sec. No. 1106
Commenced: Oct. 12, 1925; completed Octo. 17, 1925
Initial Production of Oil: Barrels: 10 bbls. oil; 1 bbl wtr
C Casing Record: 5 5/8--212'

SEC 1106: JUST SOUTH OF 1105 "MEERS" WELLS

~~Surface~~	Depth in feet To
Surface	7
Clay	15
Light red	83
Lime	98
Blue shale	160
Lime	163
Blue shale	165
Lime	196
Black shale	204
Red shale	209
Sandy shale	214
Oil sand	217

10 BOPD

Roberts & Moore #3, M. L. Howell, Lohn, Texas

Location: 500' S & 100' W of #2, J Chering Survey, Sec. No. 1106
Commenced: 7/25/26; completed: 8/5/26
Casing Record: 6 5/8--207'
Initial production of oil: Barrels--10 bbls oil

SEC 1106

	Depth in feet To
Surface	3
Clay	46
Red	52
Yellow	60
Red	66
Blue	76
Lime	94
Blue	103
Brown	152
Lime	186
Blue	200
Red	207
Oil sand	210

10 BOPD

Roberts & Moore #7, M. L. Howell, Lohn, Texas

Location: 300' W & 30' N of No. 6, J. Chering Survey
Commenced: April 8, 1926; completed: April 17, 1926
Initial Production of Oil: Barrels 6 bbls
Casing Record: 6 5/8--202'

	Depth in feet To
Surface	4
Gravel	7
Yellow clay	40
Red bed	48
Yellow clay	60
Red clay	72
Blue shale	78
Lime	95
Blue shale	104
Sandy shale	151
Lime	193
Blue shale	198
Red	202
Oil Sand	209

SEC 1106

6 BOPD

Roberts & Moore #8, M. L. Howell, Lohn Texas

Location: J. Chering Survey 281, Sec. No. 1106
Commenced: 11/1/26; completed: 11/10/26
Elevation: 1495
Casing Record: 6 5/8 - 212 '

EL 1495

	Depth in feet To
Surface	3
Yellow clay	38
Lime	41
Red shale	51
Sand	57
Yellow clay	65
Red shale	70
Blue shale	83
Lime	99
Blue shale	110
Brown shale	160
Lime	198
Blue shale	206
Red shale	208
Sandy shale	212
Oil sand	218

SEC 1106

+1277

+1406 @ #7 Appleton
+ 1394

FITS REGIONAL DIP

Roberts & Moore #9, M. L. Howell, Lohn, Texas

Location: 1412' WL 1320' NL 300' E of #3 & 300 ft. S of #8
J. Chering Survey 281 & 1106
Elevation: 1495
Commenced: Nov. 20, 1926; completed: Nov. 28, 1937
Casing record: 6 5/8--212'
Initial Production: 20 bbls. 20 BOPD

	Depth in feet To
Surface	3
Clay	37
Lime	40
Red shale	51
Gravel	54
Clay	64
Red	70
Blue	82
Lime	98
Blue	110
Brown	159
Lime	196
Blue	208
Red	211
White shale	212
Oil sand	214

SEE 1106

GL = 1495

20 BOPD

Roberts & Moore #10, M. L. Howell, Lohn, Texas

Location: 300' E of #9 1712 from WL & 1620 from NL
J. Chering Survey 281 & 1106
Commenced: Feb. 1, 1927; completed: Feb. 9, 1927
Casing Record: 6 5/8--212'
Initial Production of Oil: 5 bbls.

	Depth in feet - To
Surface	3
Yellow clay	30
Red	52
Gravel	56
Yellow clay	68
Red	73
Blue	84
Lime	99
Blue	112
Brown shale	161
Lime	196
Blue shale	211
Red	213
White shale	215
Oil sand	217

SEC 1106

5 BOPD

Roberts & Moore #11, M. L. Howell, Lohn, Texas

Location: 300' from #9, 300' from #10, 1862' WL, 1880' NL
Survey 281 & 1106
Commenced: 4/23/27; completed: 5/1/27
Casing record: 6 5/8--215'

	Depth in feet To
Surface	3
Yellow clay	40
Red shale	54
Yellow clay	68
Red clay	74
Blue	85
Lime	100
Blue shale	110
Brown shale	163
Lime	198
Shale	215
Sand	216
Sandy shale	220
Water sand	230

Dry hole

SEC 1106

Roberts well

PLOTTED

N. Sulloch County

Tom J.S. Cloud & H.B Sumler

MEERS STATION to NW

NOTES ON W. F. ROBERTS WELL
Near S.W. corner of Survey 139, H&TC Ry. Co., about 7 mi. south, and 1 mi. east of Waldrip.
This well is on ground 36 ft. higher than the J. Meers well, to the northwest. In the Lohn Field,

CONFIRMS LOHN FIELD

Formation	Depth	Depth From	Depth To
Sand at	290 ft		
Sand, with show of oil (This seemed to be in the 783-788 ft. sand strata of the J. Meers well)	800		
Brown shale		950	980
Sand (medium hard)		980	1000
Blue shale		1000	1110
Big sand, hard first, then soft; gas and oil		1110	1150

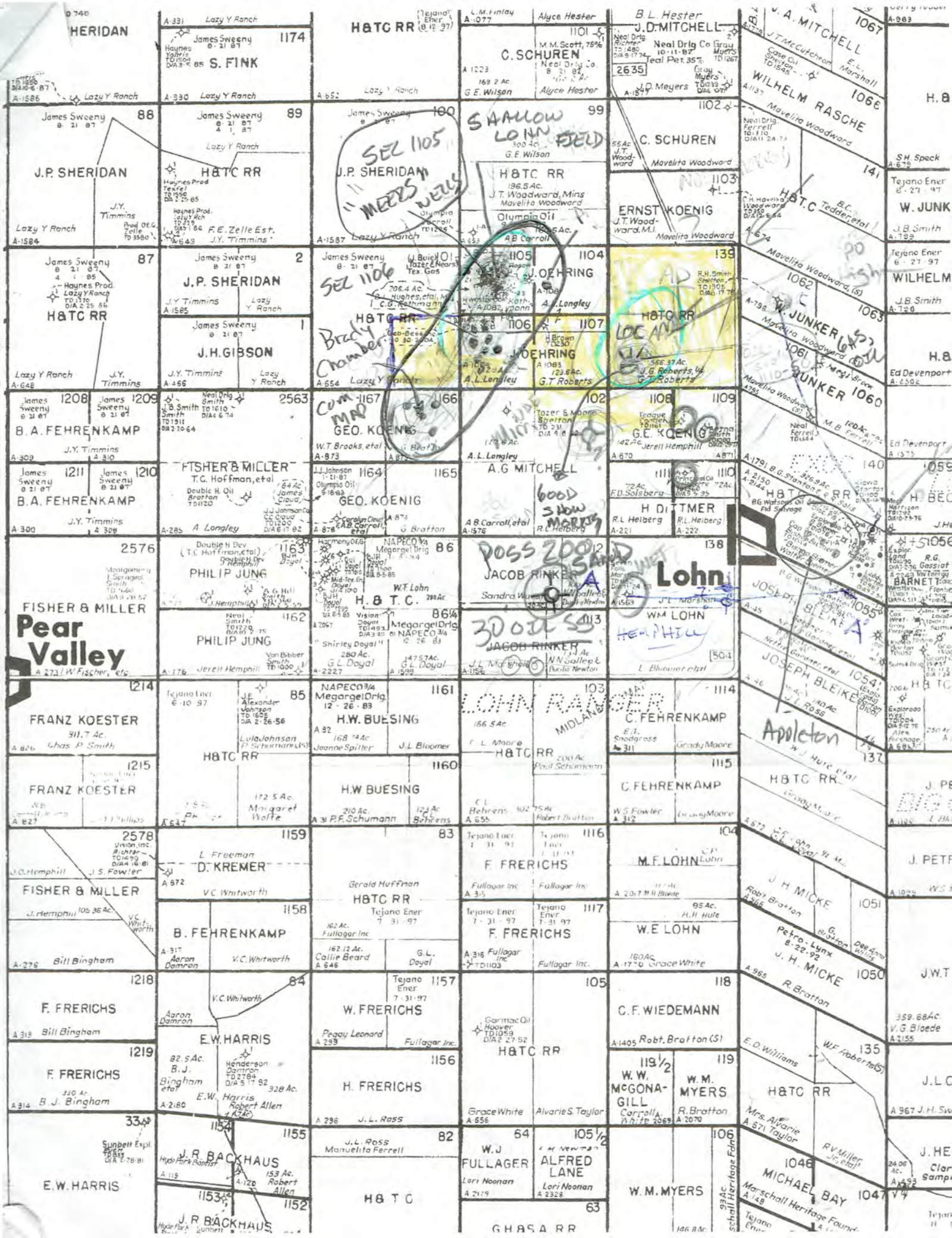
— Boss Morris

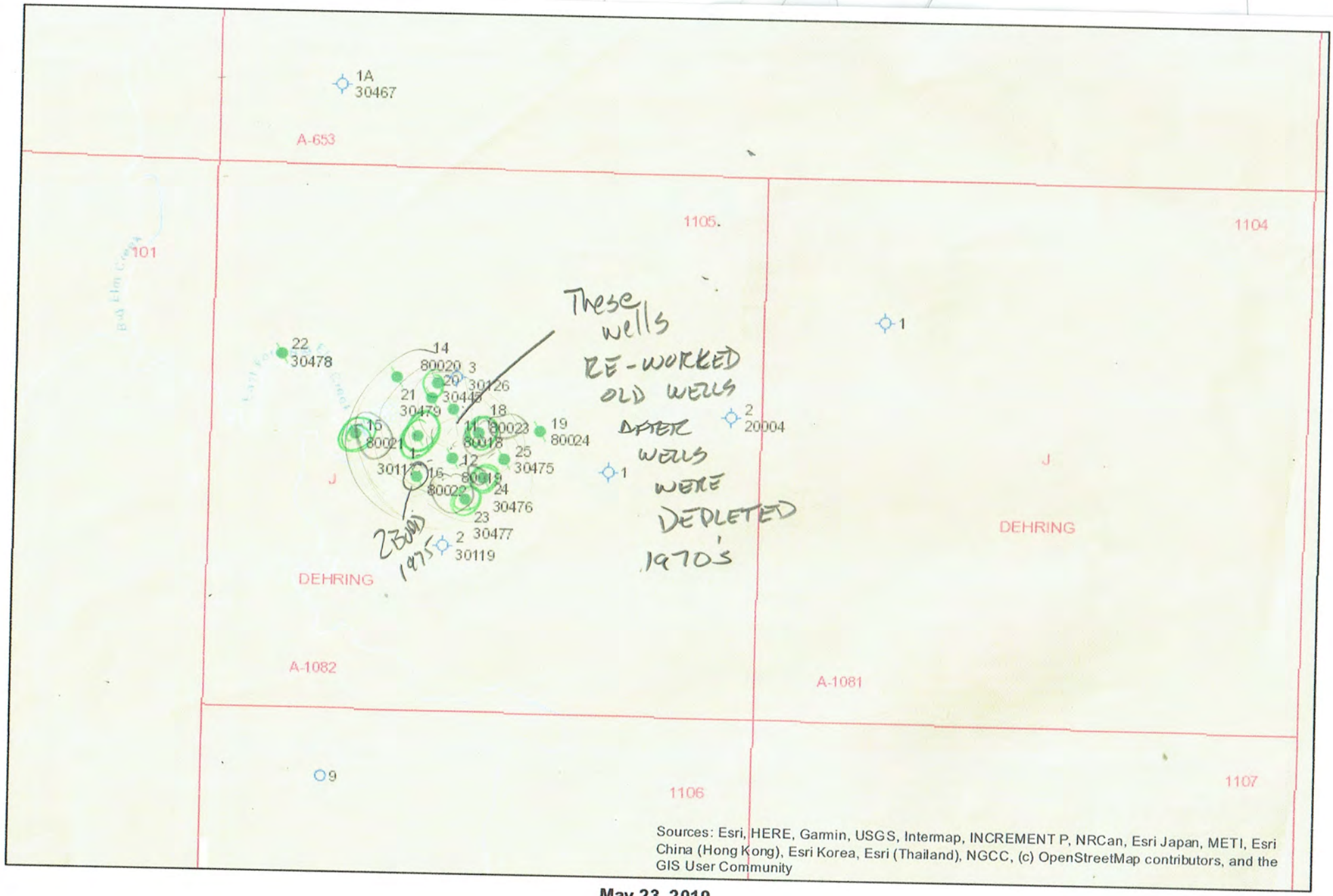
P. A. Chapman, Electra and Waxahachie, Tex.

J. O. Martin, Waxahachie, driller.

SAME AS Appleton - Tight on Top Pettus middle + base

1.5 miles NW COHN


SHERIDAN
Lazy Y Ranch
James Sweeny
S. FINK
1174
H&TC RR
C. SCHUREN
J.D. MITCHELL
Neal Drlg Co
Gray Myers
J.O. Meyers
2635
V. A. MITCHELL
1067
WILHELM RASCHE
1066
Mavelita Woodward
C. SCHUREN
1102
ERNST KOENIG
1103
J.P. SHERIDAN
J.Y. Timmins
F.E. Zelle Est.
H&TC RR
SHALLOW
FIELD
SEC 1105
MEEDS WELLS
J.P. SHERIDAN
1100
99
88
89
87
2
1
J.H. GIBSON
J.P. SHERIDAN
J.O. EHRING
1104
1105
1106
1107
H&TC RR
Brady Chamber
SEC 1106
139
1062
1063
1061
1060
JUNKER
1208
1209
B.A. FEHRENKAMP
2563
GEO. KOENIG
1167
1166
102
1108
1109
G.E. KOENIG
A.G MITCHELL
600D SHOW MORRIS
1211
1210
1164
1165
1111
1110
H DITTMER
FISHER & MILLER
T.C. Hoffman, etal
GEO. KOENIG
1140
1059
2576
FISHER & MILLER
Pear Valley
PHILIP JUNG
1163
1162
H. B. T. C.
86
86¼
JACOB RINKER
12
138
Lohn
WM LOHN
1214
1215
FRANZ KOESTER
311.7 Ac.
H&TC RR
85
H.W. BUESING
1161
1160
103
LOHN RANGER
MIDLAND
C. FEHRENKAMP
1114
1115
FRANZ KOESTER
2578
FISHER & MILLER
105.36 Ac.
D. KREMER
1159
83
1116
F. FRERICHS
M.F. LOHN
104
1158
B. FEHRENKAMP
1117
W.E LOHN
95 Ac.
1218
F. FRERICHS
84
E.W. HARRIS
W. FRERICHS
1157
1156
H. FRERICHS
105
H&TC RR
118
C.F. WIEDEMANN
1219
F. FRERICHS
330 Ac.
B.J. Bingham
82.5 Ac.
328 Ac.
E.W. Harris
Robert Allen
119½
W.W. McGONAGILL
119
W.M. MYERS
135
H&TC RR
1154
1155
J.R. BACKHAUS
153 Ac.
Robert Allen
1153
1152
J.R. BACKHAUS
82
H & T C
64
W.J FULLAGER
105½
ALFRED LANE
106
W.M. MYERS
1046
MICHAEL BAY
1047
63
G.H.&S.A. R.R.
Appleton
137
1051
1050
1054
JOSEPH BLEIKER
1055
BARNETT
1056
Petro-Lynx
8-22-92
J. H. MICKE
Robt Bratton
R. Bratton
Grace White
Alvarie S. Taylor
Marshall Heritage Found.



May 23, 2019

1 inch = 752 feet

PREPARED BY:

RAILROAD COMMISSION of TEXAS

P.O. BOX 12967
AUSTIN, TX 78711-2967

0 0.1 0.2 0.3 0.4
Miles

0 320 640 1,280 1,920 2,560

Source: RRC Public GIS Viewer

NOTICE/DISCLAIMER: Mappiing data sets are provided for informational purposes only. These data sets are continuously being updated and refined. Users are responsible for checking the accuracy, completeness, currency,and/or suitability of these data sets themselves. This is not a survey grade product and should not be used to define orestablish survey boundaries.