DATE IN 6-7-04	SUSPENSE 6/22/04	ENGINEER [illegible]	LOGGED IN 6-9-04	TYPE SWD WFX	APP NO. pSEM0416152452

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505

803

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

Similar To WFX-800 on RLSU #38

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name	Signature	Title	Date

e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: X Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? X Yes _____ No

II. OPERATOR: **Mack Energy Corp.**

ADDRESS: **P.O. Box 960 Artesia, NM 88211-0960**

CONTACT PARTY: **Jerry W. Sherrell** PHONE: **(505)748-1288**

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? X Yes _____ No
If yes, give the Division order number authorizing the project: **R-568 and R-938** R-1127

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review, which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than re-injected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: **Mack C. Chase** TITLE: **President**

SIGNATURE: Mack C. Chase DATE: 6-7-2004

E-MAIL ADDRESS: **jerrys@mackenergycorp.com**

- If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Side 1

INJECTION WELL DATA SHEET

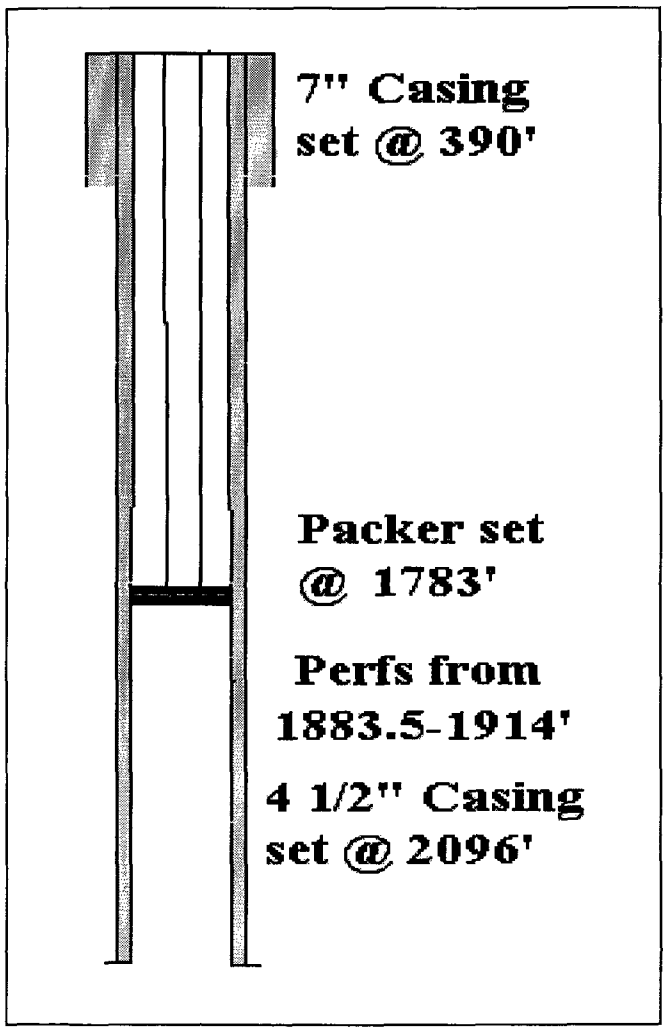
OPERATOR: **Mack Energy Corp.** 30-015-33166

WELL NAME & NUMBER: **Red Lake Sand Unit #40**

WELL LOCATION: **990 FNL & 330 FWL** | **D** | **28** | **17S** | **28E**

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: **9 7/8** Casing Size: **7**

Cemented with: **160** sx. *or* _____ ft³

Top of Cement: **Surface** Method Determined: **Circulated**

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: **6 1/8** Casing Size: **4 1/2**

Cemented with: **350** sx. *or* _____ ft³

Top of Cement: **Surface** Method Determined: **Circulated**

Total Depth: **2111'**

Injection Interval

1883.5 feet to **1914 Perforated**

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: **2 3/8** Lining Material: **Plastic Coated**

Type of Packer: **Halliburton Trump Packer**

Packer Setting Depth: **1783'**

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes **X** No

   If no, for what purpose was the well originally drilled? **Oil Well**

2. Name of the Injection Formation: **Grayburg**

3. Name of Field or Pool (if applicable): **Red Lake Shores Grayburg**

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: **Underlying-San Andres, Overlying-Queen**

Side 1

INJECTION WELL DATA SHEET

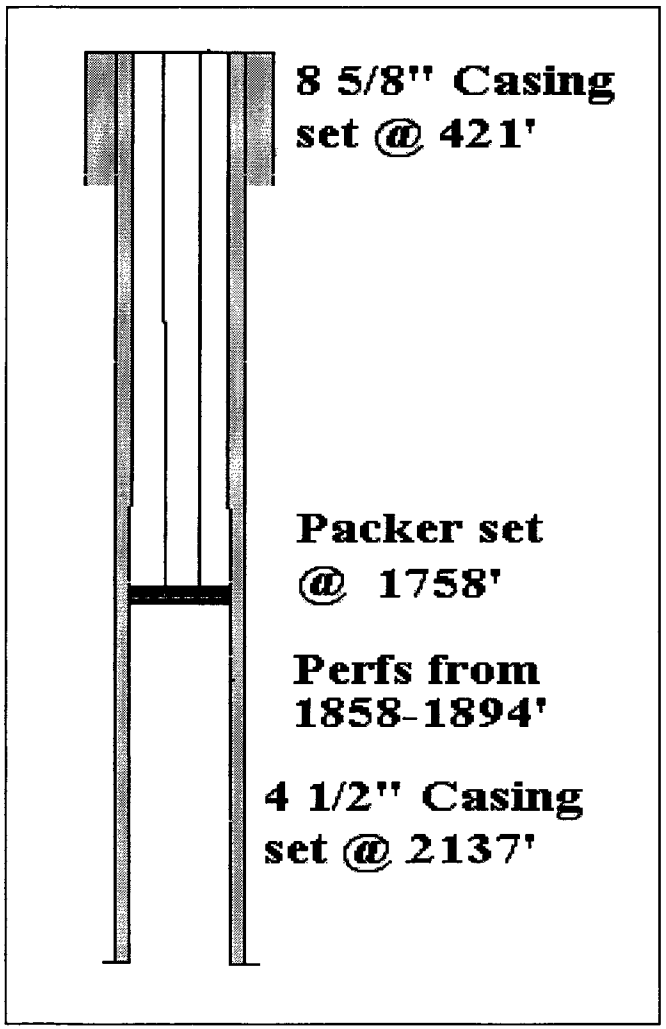
OPERATOR: **Mack Energy Corp.** 30-015-33196

WELL NAME & NUMBER: **Red Lake Sand Unit #43**

WELL LOCATION: **330 FSL & 1650 FEL** | **O** | **20** | **17S** | **28E**

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: **12 1/4** Casing Size: **8 5/8**

Cemented with: **260** sx. *or* _____ ft^3

Top of Cement: **Surface** Method Determined: **Circulated**

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: **7 7/8** Casing Size: **4 1/2**

Cemented with: **680** sx. *or* _____ ft^3

Top of Cement: **Surface** Method Determined: **Circulated**

Total Depth: **2138'**

Injection Interval

1858 feet to **1894 Perforated**

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: **2 3/8** Lining Material: **Plastic Coated**

Type of Packer: **Halliburton Trump Packer**

Packer Setting Depth: **1758'**

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes **X** No

   If no, for what purpose was the well originally drilled? **Oil Well**

2. Name of the Injection Formation: **Grayburg**

3. Name of Field or Pool (if applicable): **Red Lake Shores Grayburg**

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: **Underlying-San Andres, Overlying-Queen**

Side 1

INJECTION WELL DATA SHEET

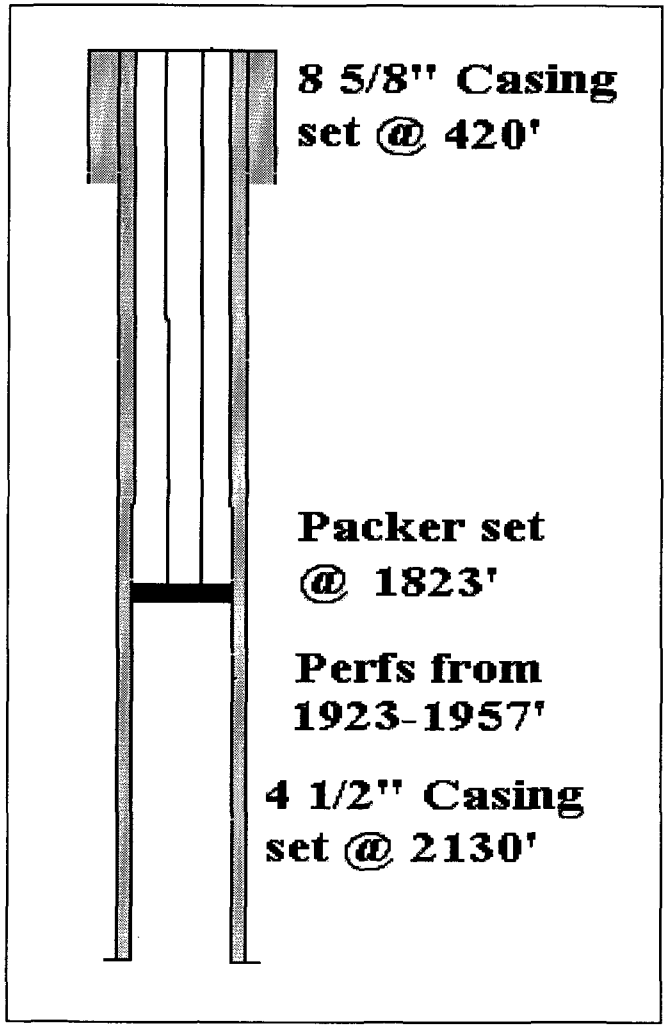
OPERATOR: **Mack Energy Corp.** 30-015-33200

WELL NAME & NUMBER: **Red Lake Sand Unit #47**

WELL LOCATION: **1650 FSL & 330 FEL** | **I** | **20** | **17S** | **28E**

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: **12 1/4** Casing Size: **8 5/8**

Cemented with: **300** sx. ***or*** _____ ft^3

Top of Cement: **Surface** Method Determined: **Circulated**

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. ***or*** _____ ft^3

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: **7 7/8** Casing Size: **4 1/2**

Cemented with: **710** sx. ***or*** _____ ft^3

Top of Cement: **Surface** Method Determined: **Circulated**

Total Depth: **2130'**

Injection Interval

1923 feet to **1957 Perforated**

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: **2 3/8** Lining Material: **Plastic Coated**

Type of Packer: **Halliburton Trump Packer**

Packer Setting Depth: **1823'**

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes **X** No

   If no, for what purpose was the well originally drilled? **Oil Well**

2. Name of the Injection Formation: **Grayburg**

3. Name of Field or Pool (if applicable): **Red Lake Shores Grayburg**

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: **Underlying-San Andres, Overlying-Queen**

VII. DATA SHEET: PROPOSED OPERATIONS

1. Proposed average and maximum daily rate and volume of fluids to be injected;

Respectively, 2000 BWPD and 3000 BWPD

2. The system is closed or open;

Closed

3. Proposed average and maximum injection pressure;

100-360#

4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than re-injected produced water;

We will be re-injecting produced water

5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water;

N/A

VIII. GEOLOGICAL DATA

1. Lithologic Detail; **Sand**
2. Geological Name; **Grayburg**
3. Thickness; **#40-31', #43-36', #47-34'**
4. Depth; **#40 1883.5-1914', #43 1858-1894', #47 1923-1957'**

IX. PROPOSED STIMULATION PROGRAM

1. To be treated with 1000 gallons 15% acid

X. LOGS AND TEST DATA

1. Well data has been filed with the OCD

XI. ANALYSIS OF FRESHWATER WELLS

1. N/A

XII. AFFIRMATIVE STATEMENT

RE: Red Lake Sand Unit #40, 43, 47

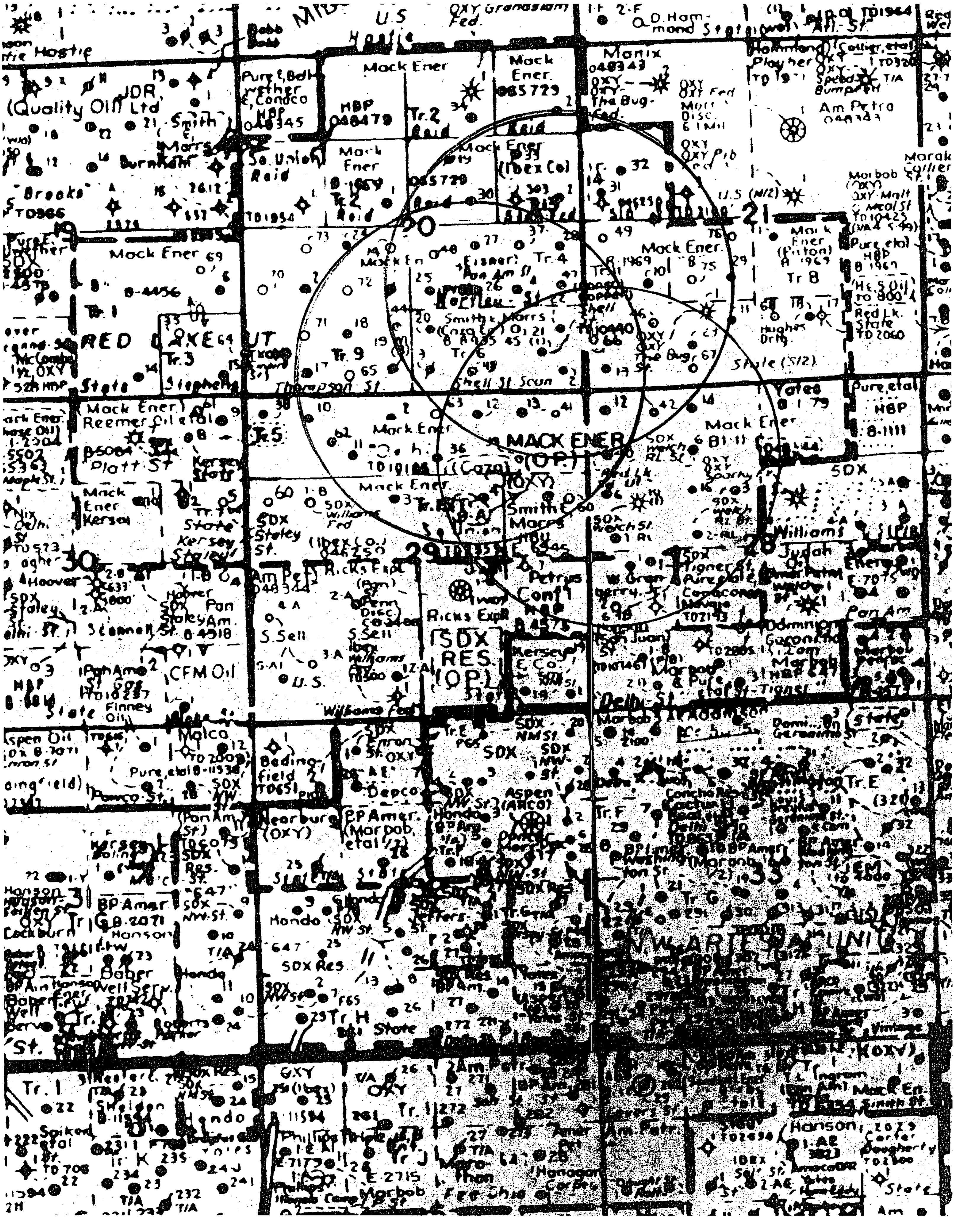
We have examined the available geologic and engineering data and find no evidence of open faults or any other hydraulic connection between the disposal zone and any underground source of drinking water.

Mack Energy Corporation

Date: 6-7-2004

Mack C. Chase

Mack C Chase, President



U.S.
Mack Ener
Manix
(Quality Oil Ltd
HBP
Am Petro
Mack Ener.
Mack Ener 69
RED LAKE UNIT
Thompson St.
MACK ENER
(OP)
Smith & Marrs
Mack Ener
Platt St
Williams
Judah
Am Petro
Petrus
Ricks Expl
SDX
RES.
(OP)
S. Sell
CFM Oil
Delhi St.
Aspen Oil
Malco
Bedingfield
SDX
Aspen
(ARCO)
BP Amer.
(OXY)
Hondo
SDX Res.
NW ARTESIA UNIT
Sheldon
Hondo
Marbob
Hanson
Am. Petro

AREA OF REVIEW WELL DATA

LEASE/API	WELL#	LOCATION	TD (PBTD)	TYPE & DATE DRILLED	HOLE SIZE	CASING SIZE & WEIGHT	SETTING DEPTH	SX CMT	TOC	PERFS
Navajo 30-015-01600	1	1650' FSL 990' FWL 28-17S-28E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Plugged 1935
Oxy The Bug State 30-015-31363	1	1160' FSL 1937' FWL 21-17S-28E	10,345' (10,320)	Gas 10/4/2000	17 1/2 12 1/4 8 3/4	13 3/8 48# 9 5/8 36# 7 26#	422' 2110' 8500'	364 689 370	circ circ 5770'	9986-10,000' Producing
Red Lake Sand Unit 30-015-01606	3	1650' FNL 2310' FWL 29-17S-28E	1919'	Oil 2/1/1945	10 8	8 5/8 7	426' 1615'	50 50	circ 808'	Plugged 2004
Red Lake Sand Unit 30-015-01607	4	1687' FNL 1580' FEL 29-17S-28E	1919'	Oil 10/19/1948	10 8	8 5/8 7	450' 1650'	50 50	circ 843'	Plugged 2004
Red Lake Sand Unit 30-015-23597	5	1650' FNL 660' FEL 29-17S-28E	1980'	Oil 1/8/1981	10 8	8 5/8 28# 4 1/2 9.5#	452' 1980'	80 275	circ circ	1864-1886' 1938-1958' Producing
Red Lake Sand Unit 30-015-01599	6	1650' FNL 330' FWL 28-17S-28E	1995'	Oil 8/26/1948	12 1/4 8	9 5/8 7	114' 1684'	50 100	circ 71'	Plugged 2004
Red Lake Sand Unit 30-015-01609	10	330' FNL 990' FWL 29-17S-28E	1890'	Oil 1/14/1945	10 8	8 5/8 7	480' 1697'	50 100	7' 84'	Plugged 2004
Red Lake Sand Unit 30-015-01605	11	990' FNL 1650' FWL 29-17S-28E	10,185	Oil 12/11/1954	17 1/2 12 1/2 7 7/8	13 3/8 54.5# 8 5/8 24# 5 1/2	543' 1996' 6000'-7505'	400 910 300	circ circ 6000'	Plugged 2004
Red Lake Sand Unit 30-015-01612	12	350' FNL 1650' FEL 29-17S-28E	1920'	Oil 10/2/1945	10 8	8 5/8 28# 7 20#	408' 1800'	50 100	circ 187'	Plugged 2004
Red Lake Sand Unit 30-015-01610	13	330' FNL 990' FEL 29-17S-28E	1920'	Oil 1/15/1945	10 8	8 5/8 28# 7 20#	445' 1729'	50 100	circ 115'	Plugged 2004
Red Lake Sand Unit 30-015-01480	17	330' FSL 990' FWL 20-17S-28E	1863'	Oil 11/24/1944	10 8	8 5/8 32# 7 20#	487' 1676'	50 25	14' 1273'	Injection

Red Lake Sand Unit 30-015-01463	18	990' FSL 2310' FEL 20-17S-28E	1890'	Oil 1/7/1955	7 7/8	5 1/2 14#	1750'	175	417'	Plugged 2004
Red Lake Sand Unit 30-015-01479	19	330' FSL 2310' FWL 20-17S-28E	1882'	Oil 10/2/1944	10 8	8 5/8 28# 7 20#	525' 1742'	50 100	52' 129'	Injection
Red Lake Sand Unit 30-015-01471	20	990' FSL 2310' FEL 20-17S-28E	1954'	Oil 11/22/1944	10 8	8 5/8 28# 7 20#	420' 1655'	25 50	circ 847'	Plugged 2004
Red Lake Sand Unit 30-015-01485	21	660' FSL 660' FEL 20-17S-28E	2100'	Oil 4/18/1958	11	8 5/8 24#	2098'	50	circ	Plugged 2004
Red Lake Sand Unit 30-015-01465	22	990' FSL 330' FEL 20-17S-28E	1941'	Oil 4/16/1958	10 8	8 5/8 28# 5 1/2 14#	465' 1835'	50 75	circ 625'	Producing
Red Lake Sand Unit 30-015-01491	23	660' FSL 1650' FWL 21-17S-28E	2006'	Oil 4/16/1954	10 8	7 5	765' 1972'	50 50	292' 1165'	1910-1920' Producing
Red Lake Sand Unit 30-015-01484	25	1650' FSL 2310' FEL 20-17S-28E	1944'	Oil 11/26/1944	10 8	8 5/8 7	435' 1247'	20 25	246' 1650'	Plugged 2004
Red Lake Sand Unit 30-015-01461	26	1650' FSL 1650' FEL 20-17S-28E	10,987	Oil 2/12/1957	12 1/2 7 7/8	8 5/8 32# 5 1/2 15.5#	1990' 6239'-7461'	1010 300	circ 6239'	Plugged 2004
Red Lake Sand Unit 30-015-01483	27	2310' FSL 1650' FEL 20-17S-28E	1960'	Oil 10/20/1939	10 8	8 5/8 7	475' 1645'	50 50	2' 836'	Plugged 2004
Red Lake Sand Unit 30-015-01470	28	2310' FSL 330' FEL 20-17S-28E	1970'	Oil 1/13/1939	10 8	8 5/8 7	513' 1670'	50 50	40' 861'	Plugged 2004
Red Lake Sand Unit 30-015-01495	29	1650' FSL 2310' FWL 21-17S-28E	2033'	Oil 5/26/1944	10 8	8 5/8 32# 7 20#	692' 1710'	50 100	219' 97'	Intent Sent to Plug
Red Lake Sand Unit 30-015-01467	30	2310' FNL 1650' FEL 20-17S-28E	1935'	Oil 6/26/1939	10 8	8 5/8 7	476' 1659'	20 20	333' 1336'	Plugged 2004
Red Lake Sand Unit 30-015-01493	31	2310' FNL 330' FWL 21-17S-28E	2023'	Oil 4/7/1941	10 8	8 5/8 7	533' 1715'	50 100	60' 101'	Plugged 2004

Red Lake Sand Unit 30-015-01492	32	1980' FNL 660' FWL 21-17S-28E	1979'	Oil 11/17/1937	8	7	1529'	50	722'	Plugged 2004
Red Lake Sand Unit 30-015-01462	33	1650' FNL 990' FEL 20-17S-28E	1953'	Oil 10/8/1956	10 7 7/8	8 5/8 28# 5 1/2 14#	533' 1875'	50 80	60' 1265'	Plugged 2004
Red Lake Sand Unit 30-015-33109	36	990' FNL 2310' FEL 29-17S-28E	2400' (2370')	Oil 11/28/2003	12 1/4 7 7/8	9 5/8 38# 5 1/2 17#	395' 2381'	250 725	circ circ	1829-1866' Producing
Red Lake Sand Unit 30-015-33110	37	2310' FSL 990' FEL 20-17S-28E	2421' (2393')	Oil 12/4/2003	12 1/4 7 7/8	9 5/8 47# 5 1/2 17#	387' 2410'	275 755	circ circ	1914-1950' Producing
Red Lake Sand Unit 30-015-33188	39	990' FNL 990' FEL 29-17S-28E	2120' (2101')	Oil 2/12/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	403' 2114'	300 725	circ circ	1848-191' Producing
Red Lake Sand Unit 30-015-33166	40	990' FNL 330' FWL 28-17S-28E	2111' (2090')	Oil 1/9/2004	9 7/8 6 1/8	7 23# 4 1/2 11.6#	390' 2096'	160 350	circ circ	1883.5-1914' Producing
Red Lake Sand Unit 30-015-33186	41	330' FNL 455' FEL 29-17S-28E	2110' (2076')	Oil 1/25/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	411' 2087'	260 660	circ circ	1860-1896' Producing
Red Lake Sand Unit 30-015-33196	43	330' FSL 1650' FEL 20-17S-28E	2138' (2125')	Oil 1/31/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	421' 2137'	260 680	circ circ	1858-1894' Producing
Red Lake Sand Unit 30-015-33198	45	990' FSL 990' FEL 20-17S-28E	2120' (2104')	Oil 2/5/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	423' 2117'	275 725	circ circ	1848-1922' Producing
Red Lake Sand Unit 30-015-33200	47	1650' FSL 330' FEL 20-17S-28E	2138' (2107')	Oil 2/19/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	420' 2130'	300 710	circ circ	1923-1957' Producing
Red Lake Sand Unit 30-015-33201	48	2160' FSL 2310' FEL 20-17S-28E	2130' (2111')	Oil 3/8/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	413' 2130'	300 800	circ circ	1924-1963.5' Producing
RLPSU Tr.1 30-015-01608	2	330' FNL 2310' FWL 29-17S-28E	1865'	Oil 11/19/1944	10 8	8 5/8 32# 7 20#	490' 1700'	50 50	17' 893'	Plugged 1985
RLPSU Tr.4 30-015-01482	4	1650' FSL 990' FEL 20-17S-28E	1998'	Oil 11/12/1945	10 8	8 5/8 32# 7 20#	510' 1698'	25 25	274' 1295'	Plugged 1986

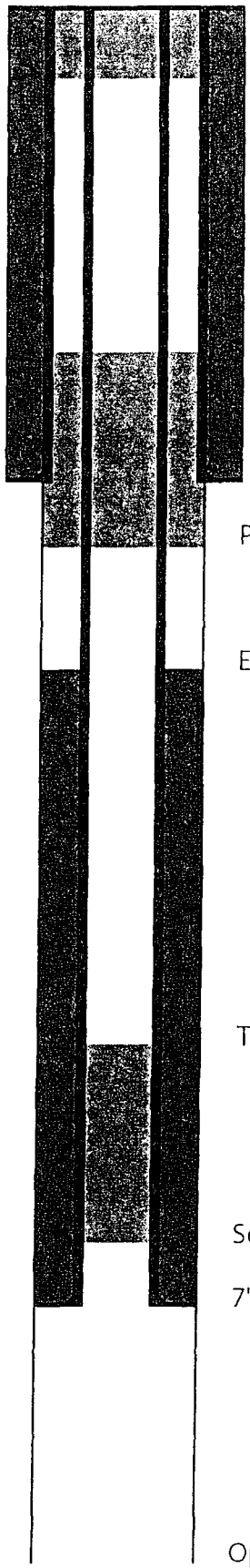
RLPSU Tr.6 30-015-01472	2	330' FSL 990' FEL 20-17S-28E	1938'	Oil 3/14/1945	10 8	8 5/8 28# 7 20#	418' 1741'	25 50	181' 934'	Plugged 1985
RLPSU Tr.9 30-015-01477	1	1650' FSL 2310' FWL 20-17S-28E	1941 (1600')	Oil 7/12/1944	10 8	8 5/8 32# 7 20#	600' 1803'	50 100	127' 190'	Plugged 1987
RLPSU Tr. 10 30-015-01602	1	2970' FSL 660' FWL 28-17S-28E	2009'	Oil 1/24/1948	10 8	8 5/8 7	490' 1680'	50 50	17' 873'	Plugged 1985
RLPSU Tr. 11 30-015-01487	10	3630' FNL 4290' FEL 21-17S-28E	2024'	Oil 1/7/1945	10 8	8 5/8 24# 7 18#	443' 1736'	50 50	circ 929'	Plugged 1985
RLPSU Tr. 11 30-015-01488	11	4290' FSL 2970' FWL 21-17S-28E	2025'	Oil 10/26/1944	10 8	8 5/8 24# 7 18#	443' 1743'	25 25	207' 1340'	Plugged 1985
RLPSU Tr. 11 30-015-01489	13	330' FSL 330' FWL 21-17S-28E	1985'	Oil 8/9/1945	10 8	8 5/8 24# 7 18#	495' 1655'	50 50	22' 848'	Plugged 1985
RLPSU Tr. 11 30-015-01598	14	330' FNL 1650' FWL 28-17S-28E	1986'	Oil 9/10/1946	10 8	8 5/8 24# 7 18#	487' 1684'	25 50	251' 877'	Plugged 1986
RLPSU Tr. 11 30-015-01603	16	1650' FNL 1650' FWL 28-17S-28E	1994'	Oil 10/16/1949	10 8	8 5/8 7	450' 1715'	50 100	circ 102'	Plugged 1987
RLPSU Tr. 12 30-015-01469	2	990' FNL 330' FEL 20-17S-28E	1700'	Oil 1/7/1942	10 8	8 5/8 7	514' 1660'	50 100	41' 46'	Plugged 1986
RLPSU Tr. 12 30-015-01468	3	1650' FNL 1980' FEL 20-17S-28E	1950'	Oil 2/16/1959	10 7 7/8	8 5/8 24# 5 1/2 15.5#	475' 1950'	60 150	circ 807'	Plugged 1987
RLPSU Tr. 13 30-015-01466	2	2310' FNL 330' FEL 20-17S-28E	1964'	Oil 11/22/1938	10 8	8 5/8 7	532' 1660'	50 50	176' 1058'	Plugged 1986
State 30-015-01473	3	400' FSL 2240' FEL 20-17S-28E	1920' (1879')	Oil 9/22/1950	11 8	8 5/8 28# 7 17#	414' 1599'	25 50	284' 792'	Plugged 1951
State 30-015-01613	7	2310' FSL 990' FEL 29-17S-28E	2353'	Oil 3/18/1945	10 8	8 5/8 28# 7 20#	451' 1800'	50 100	circ 187'	Plugged 1948

		2310' FSL									3426-3434'
Tigner State		990' FWL		Oil	12 1/4	8 5/8 23#	400'	350	circ	3446-3452'
30-015-31387	1	28-17S-28E	3550'	12/19/2000	7 7/8	5 1/2 14#	3540'	850	circ	Producing
		330' FNL			8	4 1/2 9.5#	450-704'	100	circ	
Welch		330' FWL	1985'	Oil	10	8 5/8 24#	451'	50	circ	
30-015-01597	12	28-17S-28E	(704')	3/29/1945	8	7 18#	1668'	50	861'	Plugged 1990
		2310' FNL								2332-2654'
Welch RL State		430' FWL		Oil	12 1/4	8 5/8 24#	455'	350	circ	2869-3055'
30-015-31916	1	28-17S-28E	3505'	8/27/2001	7 7/8	5 1/2 17#	3499'	800	circ	Producing
		2310' FNL								
Welch RL State		1650' FWL		Oil	12 1/4	8 5/8 24#	304'	325	circ	2294-2675'
30-015-31917	2	28-17S-28E	3535'	3/12/2003	7 7/8	5 1/2 14#	3526'	750	circ	Producing
		990' FNL								
Welch RL State		1650' FWL		Oil	12 1/4	8 5/8 24#	428'	400	circ	2271-2510'
30-015-32456	6	28-17S-28E	3520'	11/20/2002	7 7/8	5 1/2 14#	3514'	800	circ	Producing
					13 3/4	11 3/4 47#	349'	300	circ	
		1810' FNL			11	8 5/8 24#	2106'	725	circ	
Welch RL State		790' FWL	10,324'	Oil	7 7/8	5 1/2 17-15.5#	3228-10,324'	650	3228'	2800-3050'
30-015-20586	10	28-17S-28E	(9950')	3/18/1972	7 7/8	5 1/2 14#	3228'	600	circ	Producing

Mack Energy Corporation

Red Lake Sand Unit #3

1650 FNL & 2310 FWL Sec. 29-T17S-R28E



Perf @ 60' sqz. w/25sx cmt. to surface

Tag plug @ 329'

8 5/8" csg. set @ 425' w/50sx cmt.

Perf @ 476' sqz. w/35sx cmt.

Estimated top @ 808'

Tag plug @ 1425'

Set plug @ 1570' w/25sx cmt.

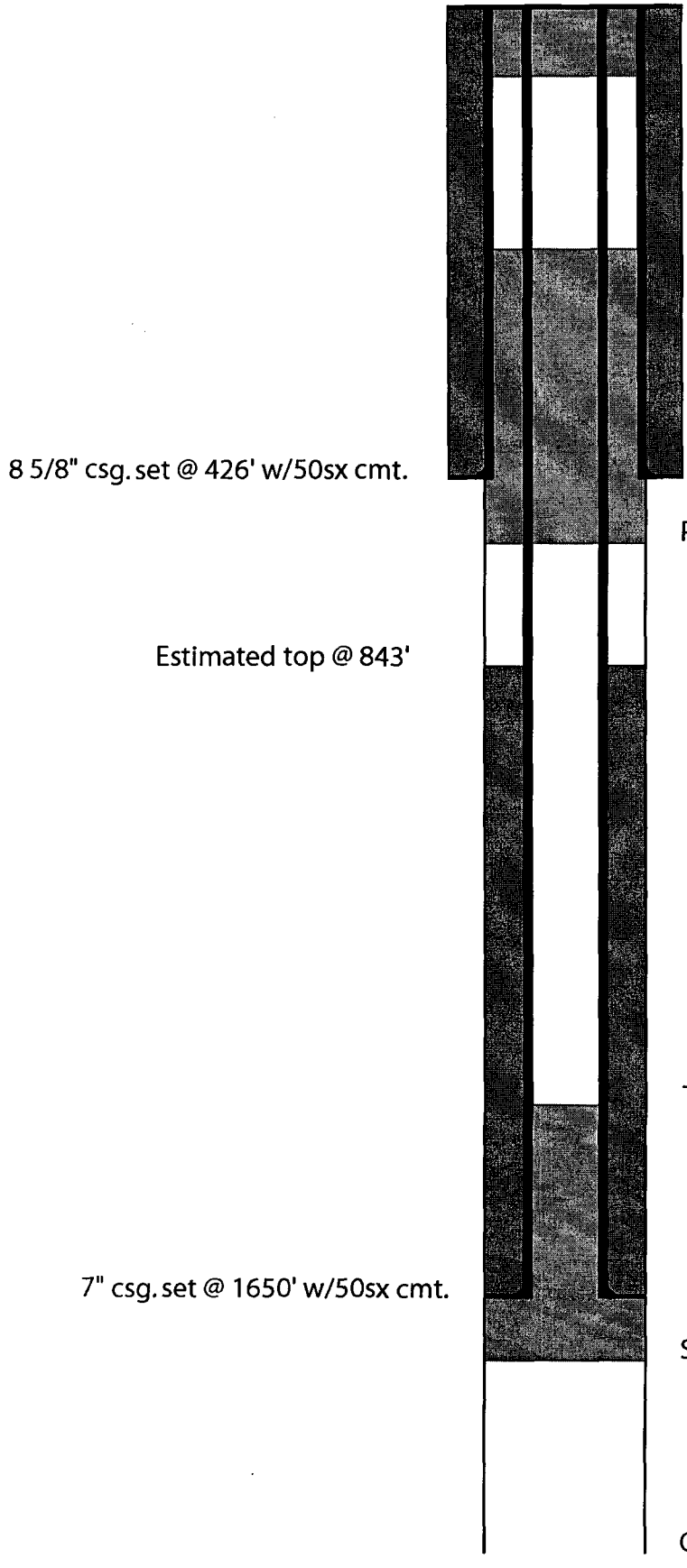
7" csg. set @ 1615' w/50sx cmt.

Openhole f/1615' - 1919'

Mack Energy Corporation

Red Lake Sand Unit #4

1687 FNL & 1580 FEL Sec. 29-T17S-R28E



Perf @ 60' sqz. w/40sx cmt. to surface

Tag plug @ 259'

8 5/8" csg. set @ 426' w/50sx cmt.

Perf @ 476' sqz. w/210sx cmt.

Estimated top @ 843'

Tag plug @ 1507'

7" csg. set @ 1650' w/50sx cmt.

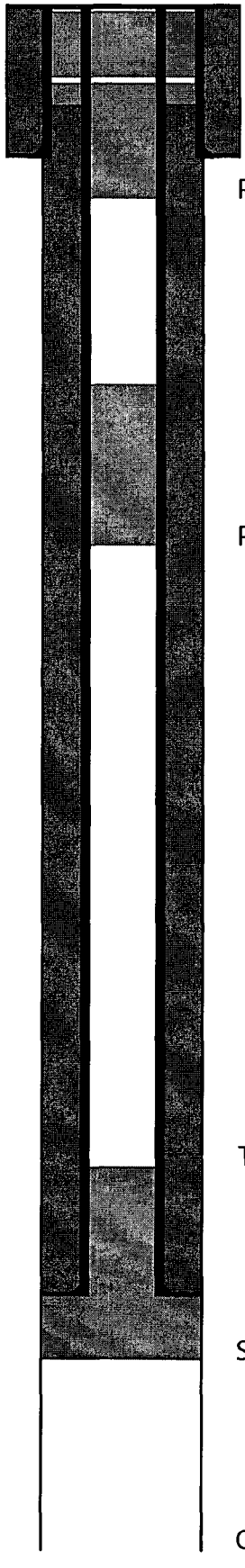
Set plug @ 1570' w/25sx cmt.

Openhole f/1650' - 1919'

Mack Energy Corporation

Red Lake Sand Unit #6

1650 FNL & 330 FWL Sec. 28-T17S-R28E



Tag plug @ 3'

Perf @ 60' sqz. w/25sx cmt.
Tag plug @ 65'

Estimated top @ 71'

9 5/8" csg. set @ 115' w/50sx cmt.

Perf @ 165' sqz. w/35sx cmt.

Tag plug @ 350'

Perf @ 480' sqz. w/35sx cmt.

Tag plug @ 1582'

7" csg. set @ 1684' w/100sx cmt.

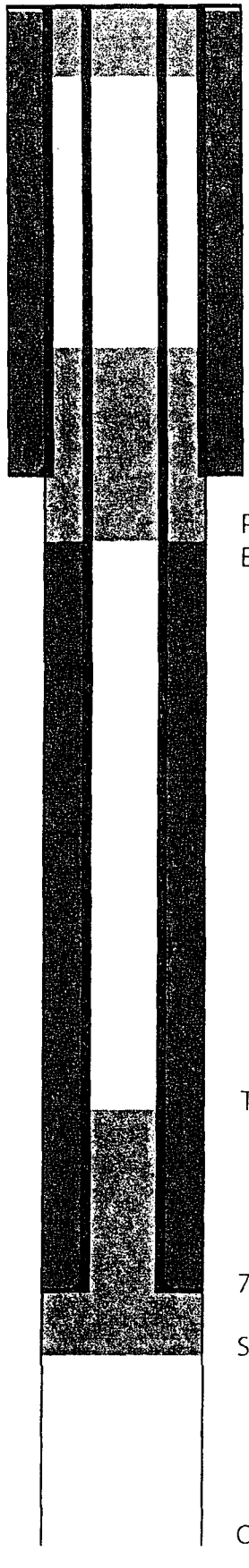
Set plug @ 1734' w/25sx cmt.

Openhole f/1684' - 1995'

Mack Energy Corporation

Red Lake Sand Unit #10

330 FNL & 990 FWL Sec. 29-T17S-R28E



Estimated top @ 7'

Perf @ 60' sqz. w/20sx cmt. to surface

Tag plug @ 380'

8 5/8" csg. set @ 480' w/50sx cmt.

Perf @ 530' sqz. w/35sx cmt.
Estimated top @ 530'

Tag plug @ 1561'

7" csg. set @ 1697' w/100sx cmt.

Set plug @ 1748' w/25sx cmt.

Openhole f/1697' - 1890'

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

March 23, 1955, (Date) Artesia, New Mexico (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Buffalo Oil Company et al (Company or Operator) Delhi-State (Lease)

Western Drilling Company (Contractor), Well No. 1 in the NE ¼ NW ¼ of Sec. 29,

T. 17S, R. 28E, NMPM., Empire-Penn. Pool, Eddy County.

The Dates of this work were as folows: March 22, 1955

Notice of intention to do the work (~~was~~) (was not) submitted on Form C-102 on ..... (Cross out incorrect words), 19....,

and approval of the proposed plan (was) (~~was~~) obtained. Verbal approval of plugging procedure was obtained from Oil Conservation Commission District Office in Artesia.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

This well was drilled to a total depth of 10,185' with no commercial quantities of oil or gas encountered. 13 3/8" OD casing was cemented at a depth of 543' and 8 5/8" OD casing was cemented at 1996'. Well was plugged with cement and heavy laden mud as follows:

6955--7280' -- 100 sx.
1962--2000' -- 12 sx.
Cemented top with 5 sx cap.

A cap was screwed on top of the casing and a pipe marker installed.

Witnessed by B. J. Hinson (Name) Buffalo Oil Company (Company) Dist. Engr. (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Hanson (Name)

(Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name B. J. Hinson

Position Dist. Engr.

Representing Buffalo Oil Company

Address 203 Carper Bldg.,

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev. 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

RECEIVED
FEB 6 1961
O. C. C.
ARTESIA, OFFICE

Name of Company	Address
Cerro De Pasco Charles P Miller	Box 1058, Hobbs, NM

Lease	Well No.	Unit Letter	Section	Township	Range
Buffalo-Delhi-State	1	C	29	17S	28E

Date Work Performed	Pool	County
2/3/61	Empire-Wolfcamp	Eddy

THIS IS A REPORT OF: *(Check appropriate block)*

- ☐ Beginning Drilling Operations
- ☐ Casing Test and Cement Job
- ☐ Other *(Explain)*:
- ☒ Plugging
- ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

The tubing was run to total depth openended and a 25 sx plug was spot at bottom. The hole was filled with heavily laden mud and approximately 6000' of casing was recovered; a 25 sx plug was set at this depth, a 25 sx plug at 1993' in the bottom of the 8-5/8" and a 10 sx plug in top with a 4" marker 5' above the ground.

Witnessed by	Position	Company
Bert Dodson	Field Supt	Lea County Casing Pullers

FILL IN BELOW FOR REMEDIAL WORK REPORTS *ONLY*

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date

Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth

Perforated Interval(s)

Open Hole Interval	Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

Approved by M L Armstrong

Title OIL AND GAS INSPECTOR

Date AUG 24 19[illegible]

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name Alan Antweil

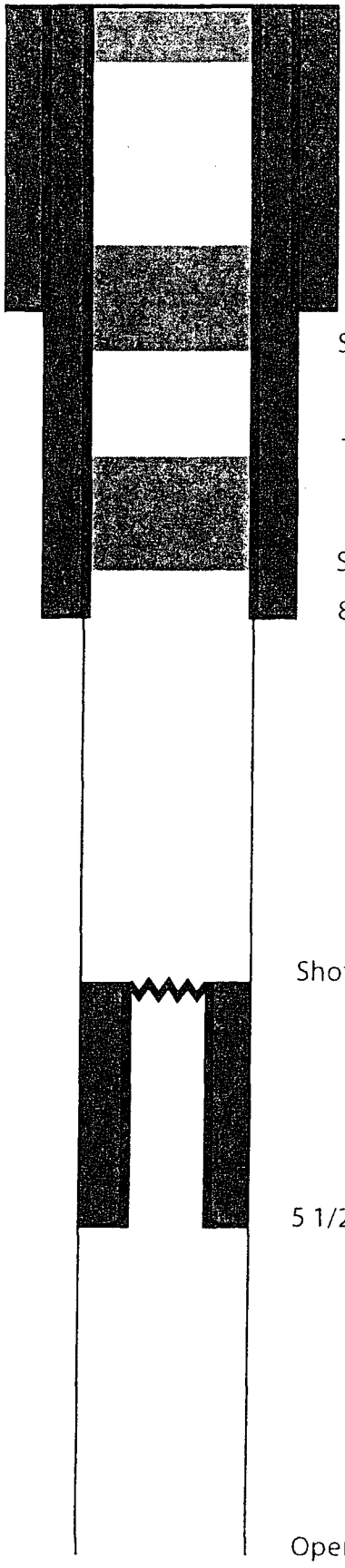
Position Alan Antweil, Agent for

Company Cerro de Pasco

Mack Energy Corporation

Red Lake Sand Unit #11

990 FNL & 1650 FWL Sec. 29-T17S-R28E



Tag plug @ 2'

Set surface plug @ 60' w/25sx cmt.

Tag plug @ 470'

13 3/8" csg. set @ 543' w/400sx cmt.

Set plug @ 593' w/35sx cmt.

Tag plug @ 1670'

Set plug @ 1802' w/35sx cmt.

8 5/8" csg. set @ 1996' w/910sx cmt.

Shot off 5 1/2" csg. @ 6000'

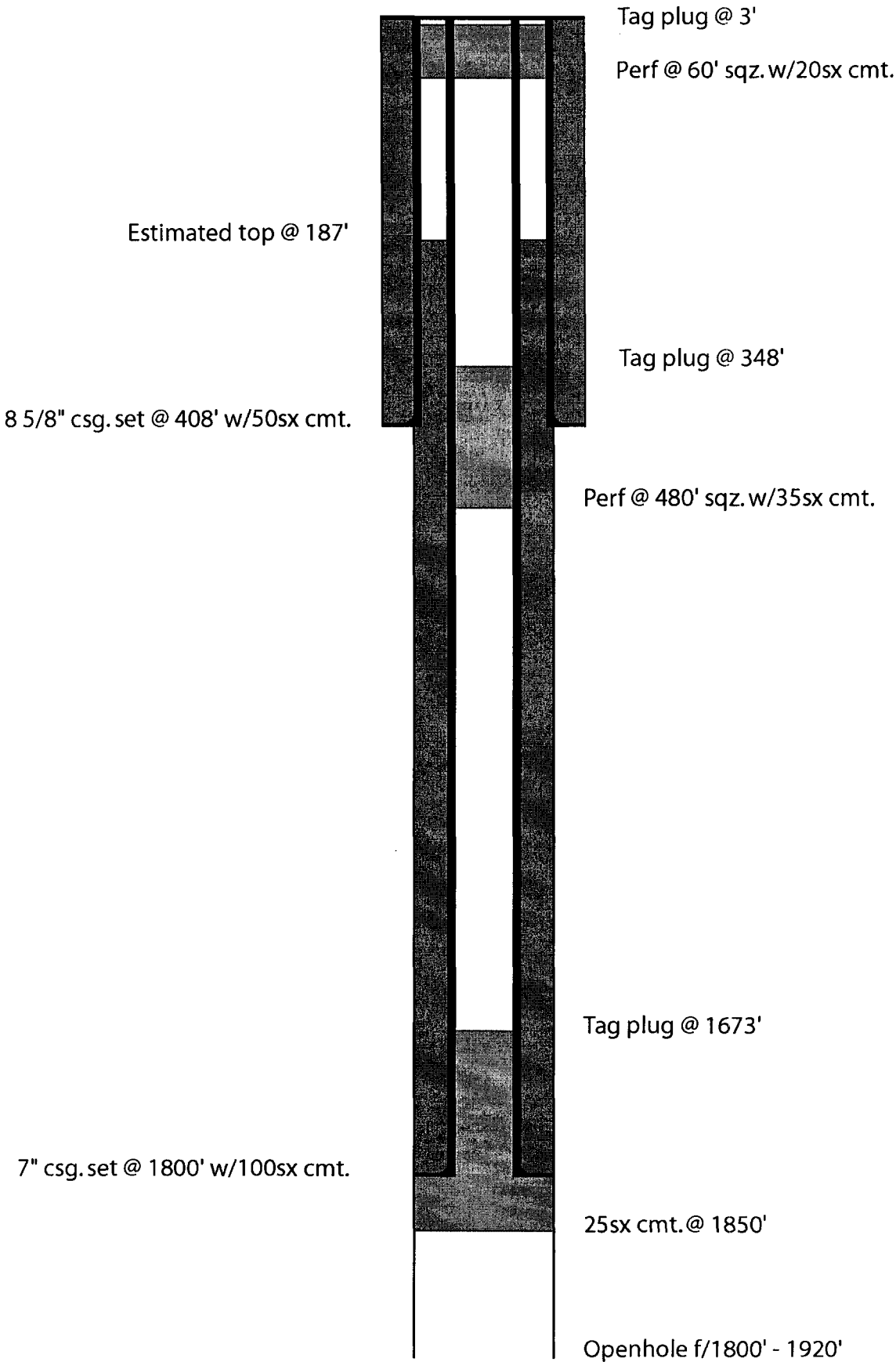
5 1/2" csg. set @ 7505' w/300sx cmt.

Openhole f/7505' - 10,185'

Mack Energy Corporation

Red Lake Sand Unit #12

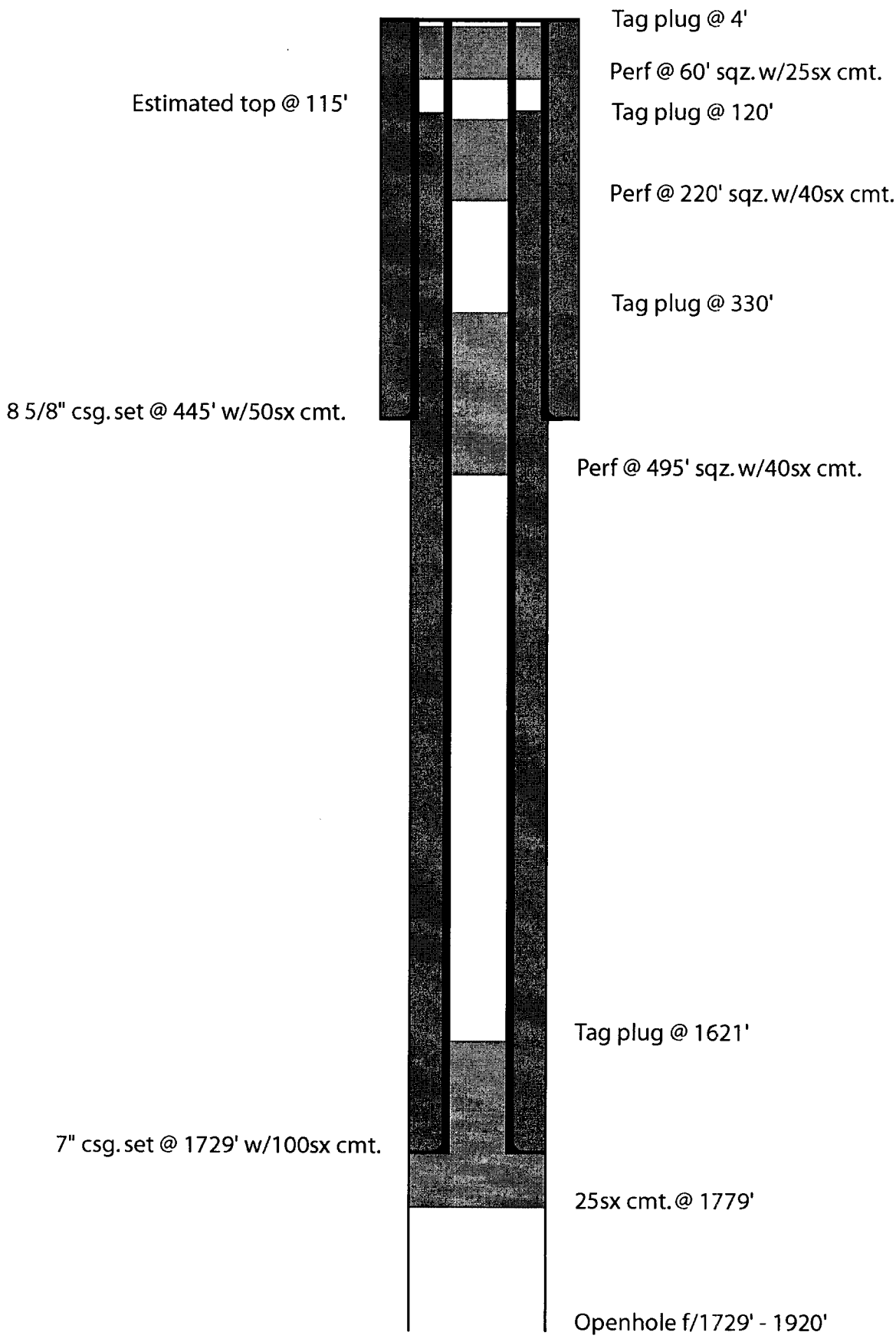
330 FNL & 1650 FEL Sec. 29-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #13

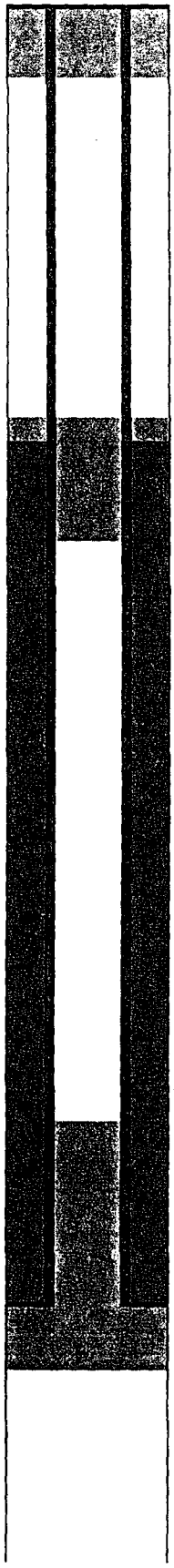
330 FNL & 990 FEL Sec. 29-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #18

990 FSL & 1650 FWL Sec. 20-T17S-R28E



Perf @ 60' sqz. w/40sx cmt. to surface

Tag plug @ 400'
Estimated top @ 417'

Perf @ 500' sqz. w/25sx cmt.

Tag plug @ 1565'

5 1/2" csg. set @ 1750' w/175sx cmt.

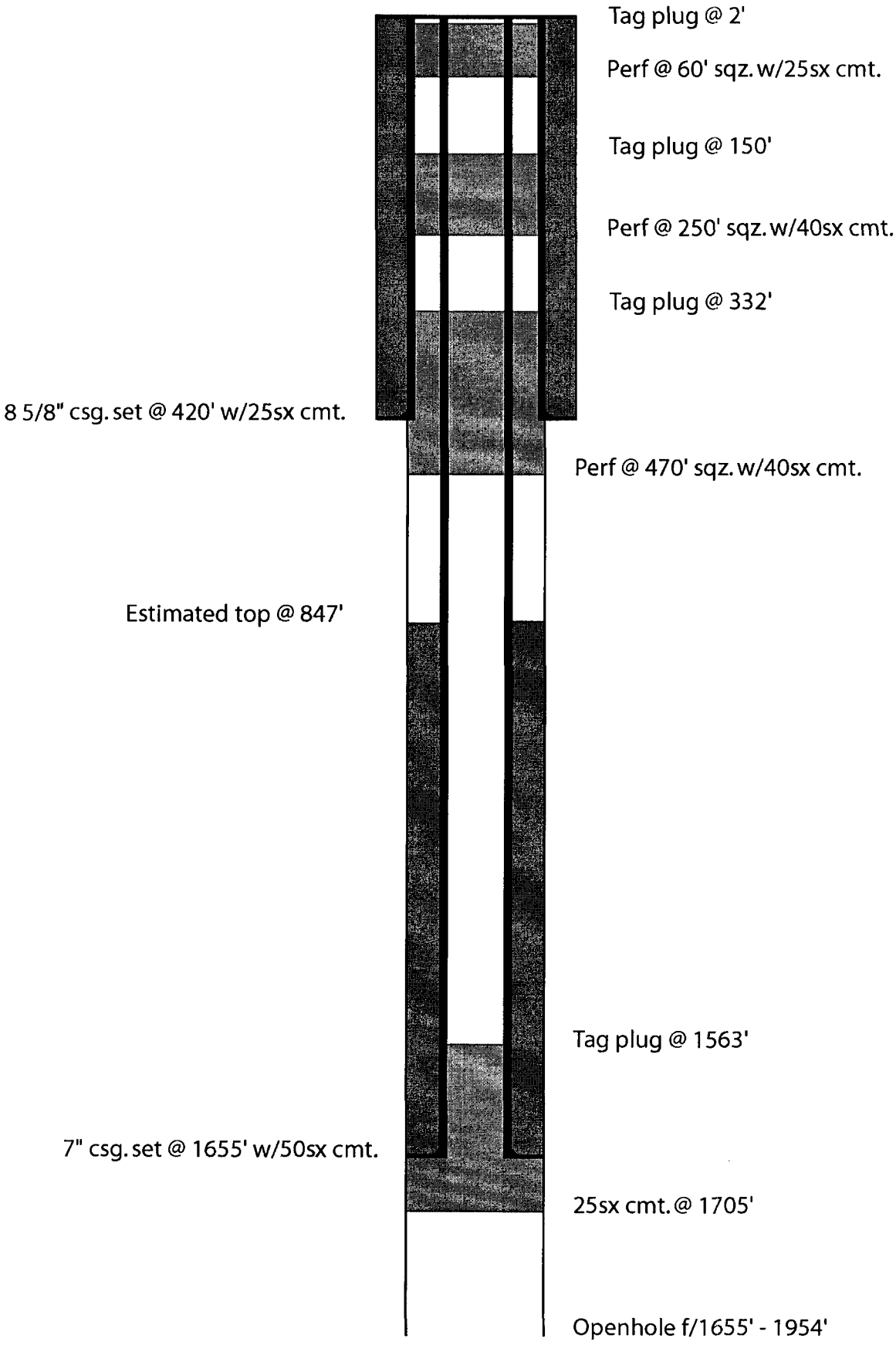
Set plug @ 1800' w/25sx cmt.

Openhole f/1750' - 1890'

Mack Energy Corporation

Red Lake Sand Unit #20

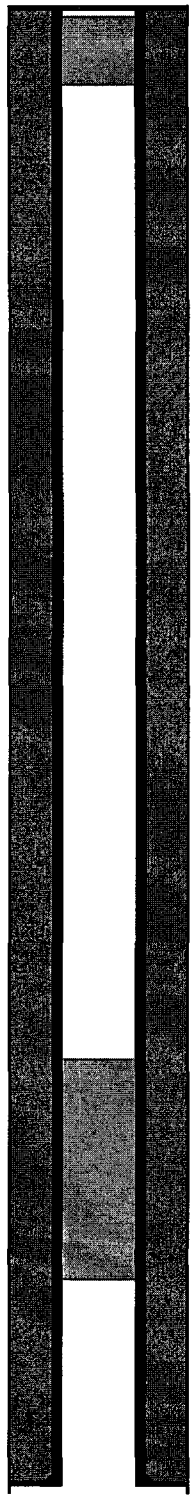
990 FSL & 2310 FEL Sec. 20-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #21

990 FSL & 2310 FEL Sec. 20-T17S-R28E



Tag plug @ 3'

Perf @ 60' sqz. w/50sx cmt.

Tag plug @ 1601'

70sx cmt. @ 1782'

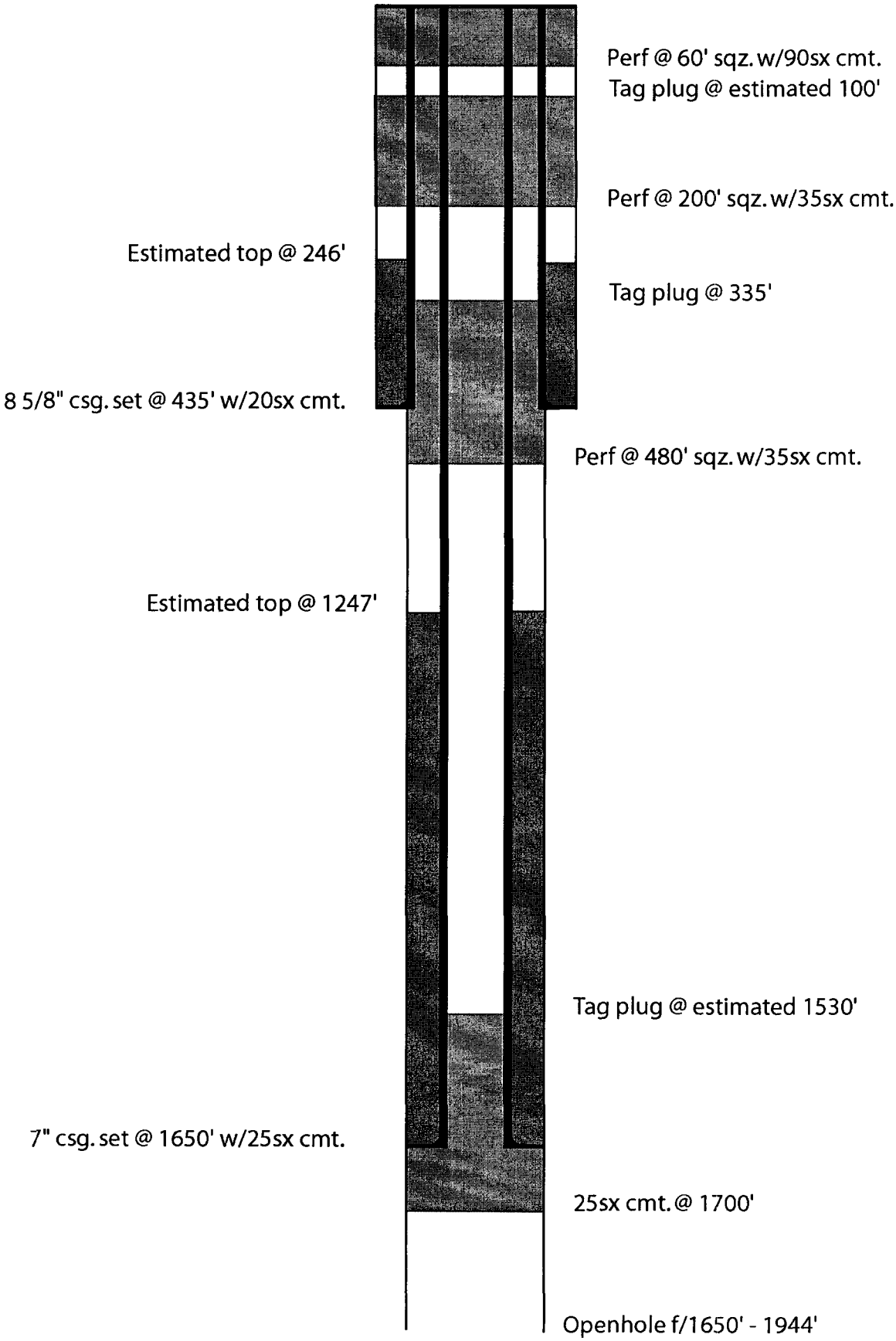
8 5/8" csg. set @ 2098' w/50sx cmt.

Openhole f/2098' - 2100 '

Mack Energy Corporation

Red Lake Sand Unit #25

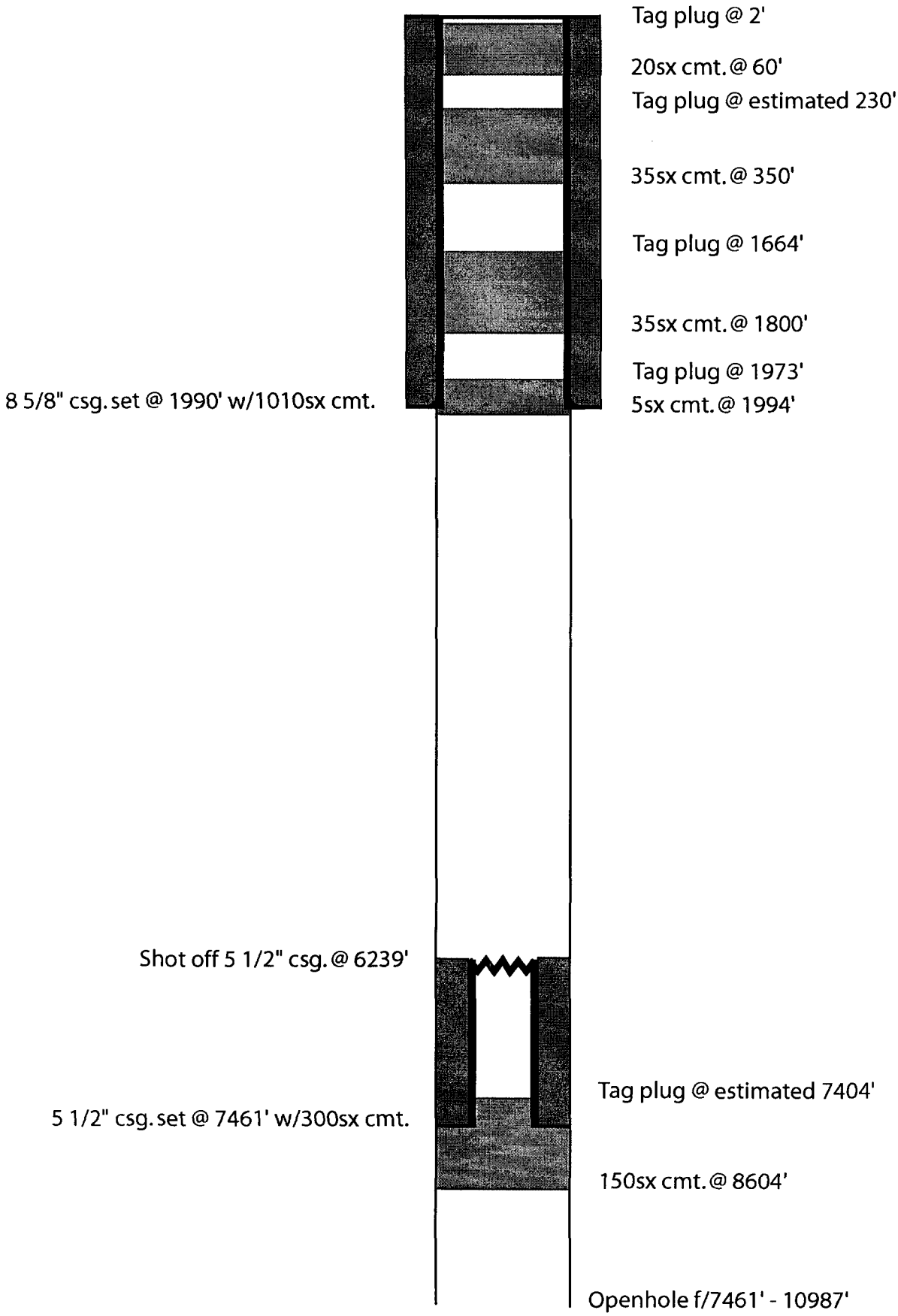
1650 FSL & 2310 FEL Sec. 20-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #26

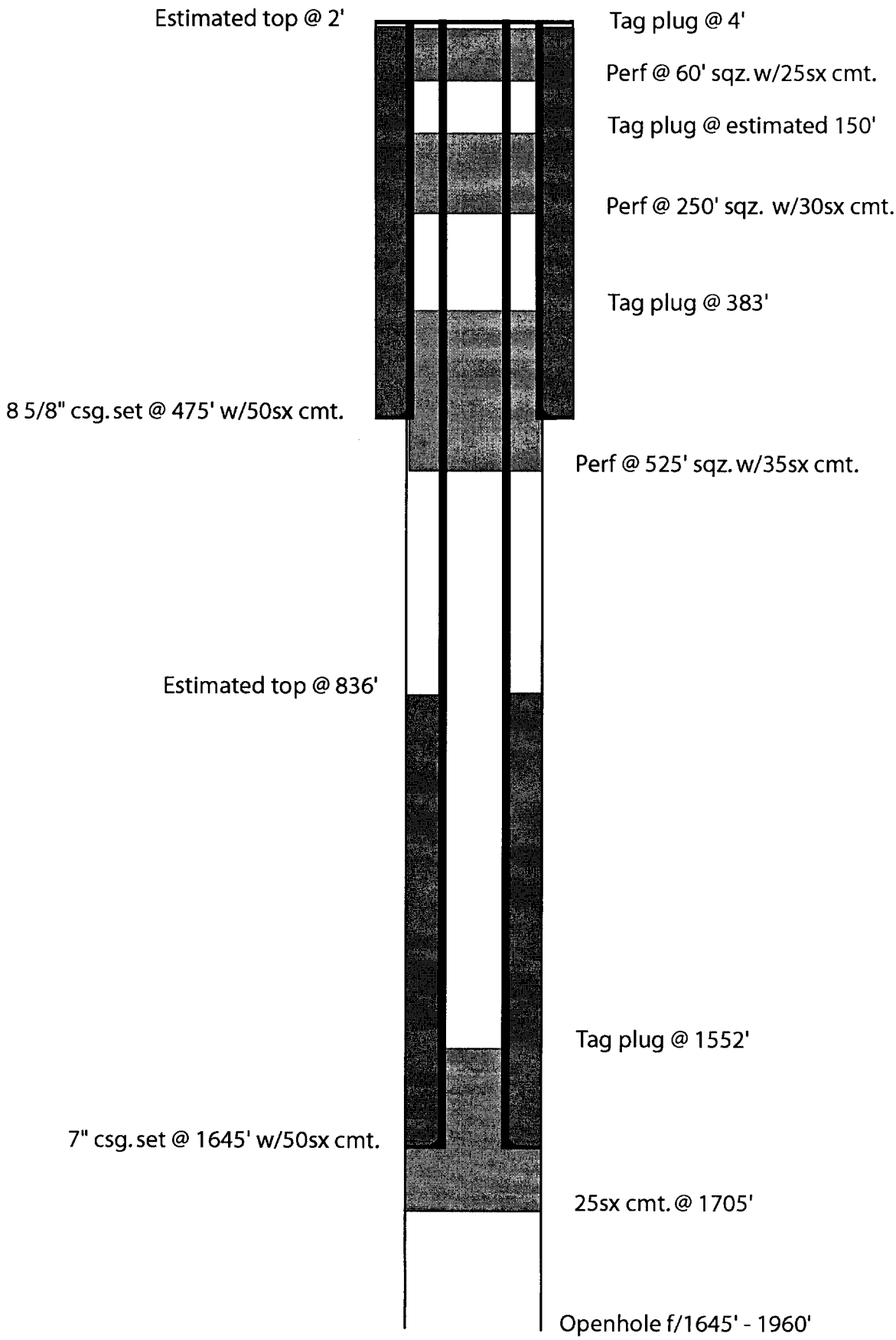
1650 FSL & 1650 FEL Sec. 20-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #27

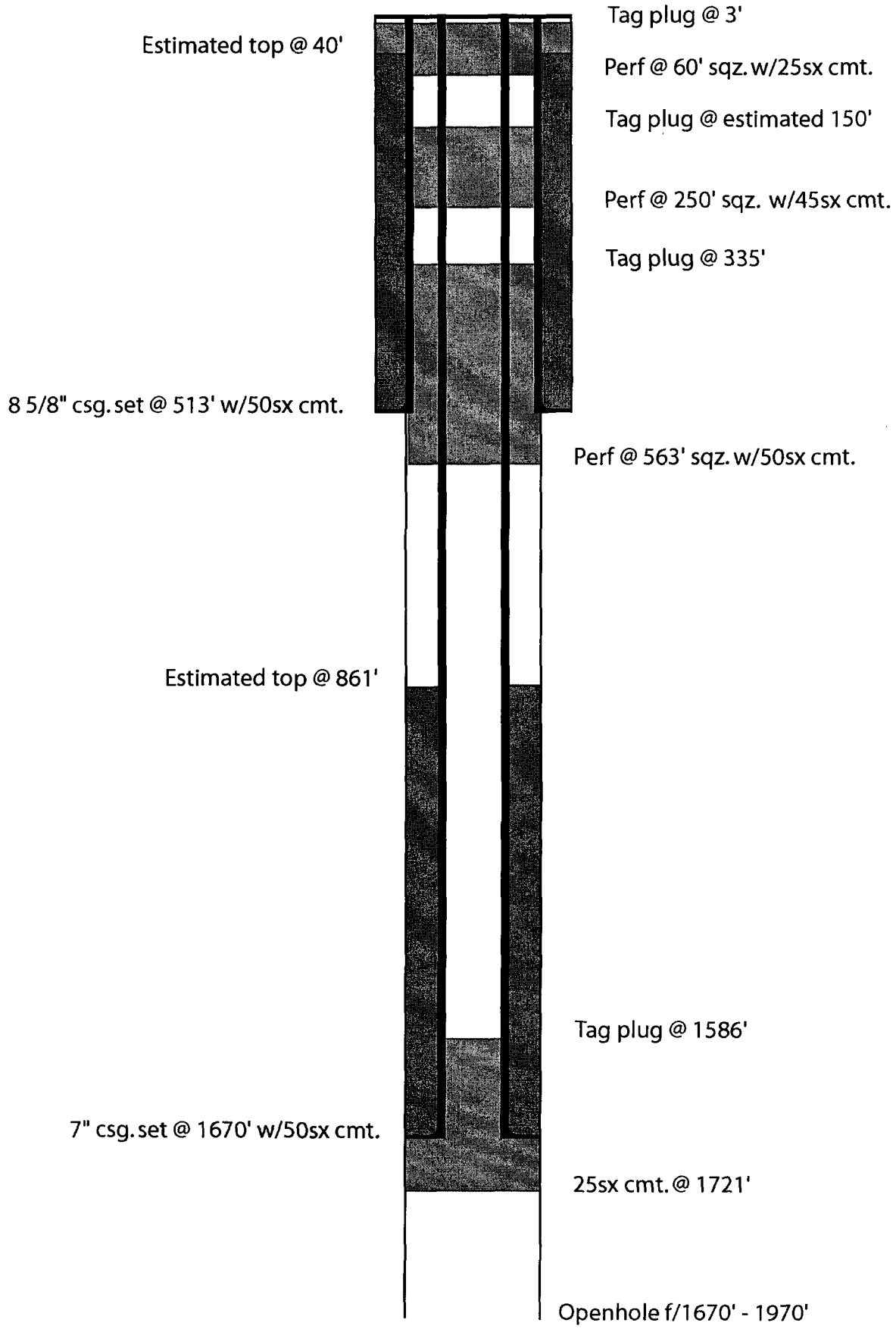
2310 FSL & 1650 FEL Sec. 20-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #28

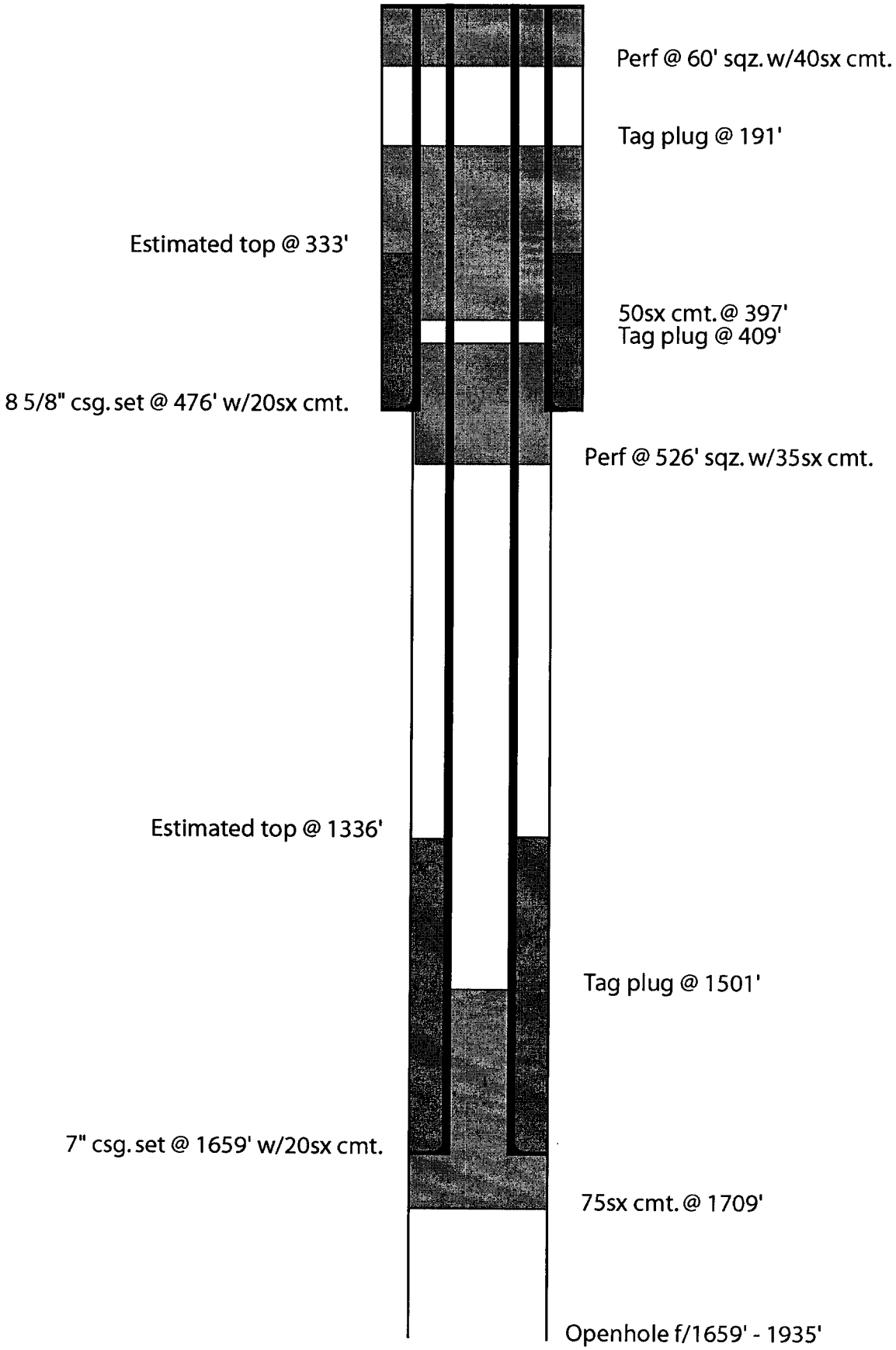
2310 FSL & 330 FEL Sec. 20-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #30

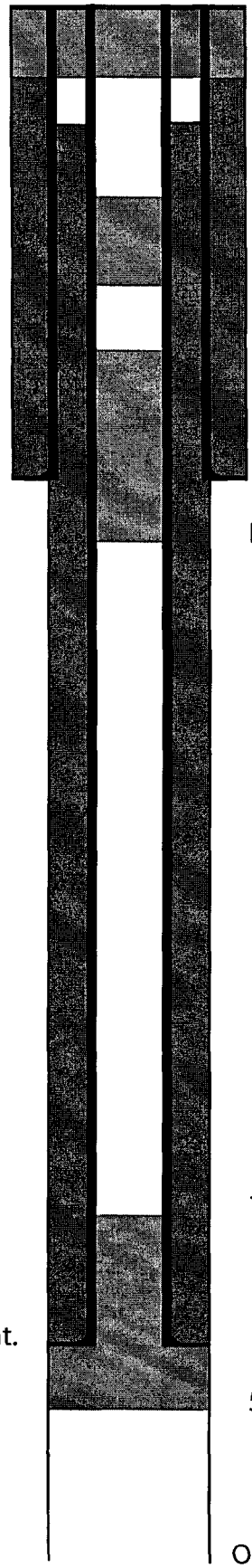
2310 FNL & 1650 FEL Sec. 20-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #31

2310 FNL & 330 FWL Sec. 21-T17S-R28E



Estimated top @ 60'

Estimated top @ 101'

Perf @ 60' sqz. w/80sx cmt.

Tag plug @ 240'

50sx cmt. @ 368'

Tag plug @ 410'

8 5/8" csg. set @ 533' w/50sx cmt.

Perf @ 583' sqz. w/280sx cmt.

Tag plug @ 1608'

7" csg. set @ 1715' w/100sx cmt.

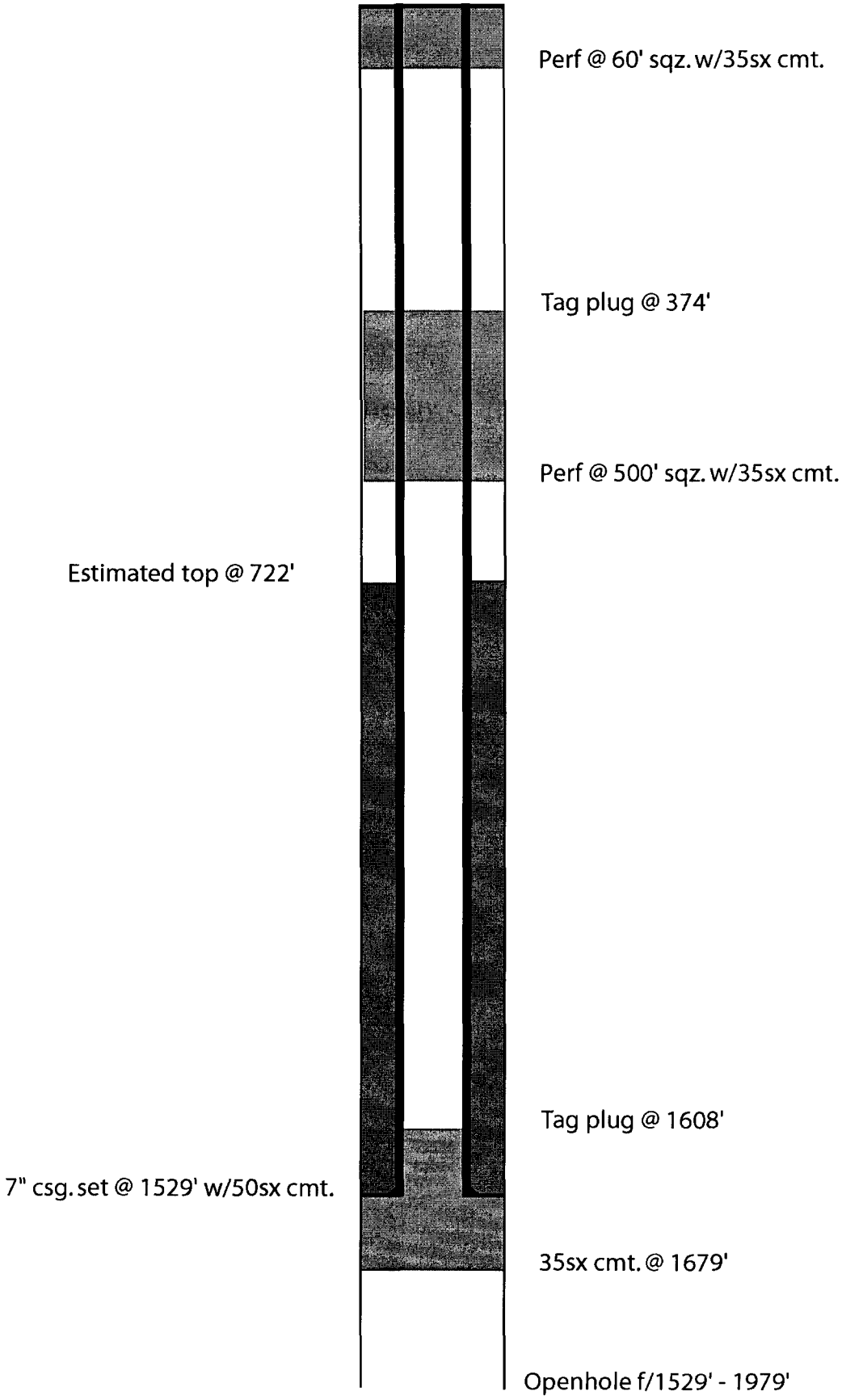
50sx cmt. @ 1765'

Openhole f/1715' - 2023'

Mack Energy Corporation

Red Lake Sand Unit #32

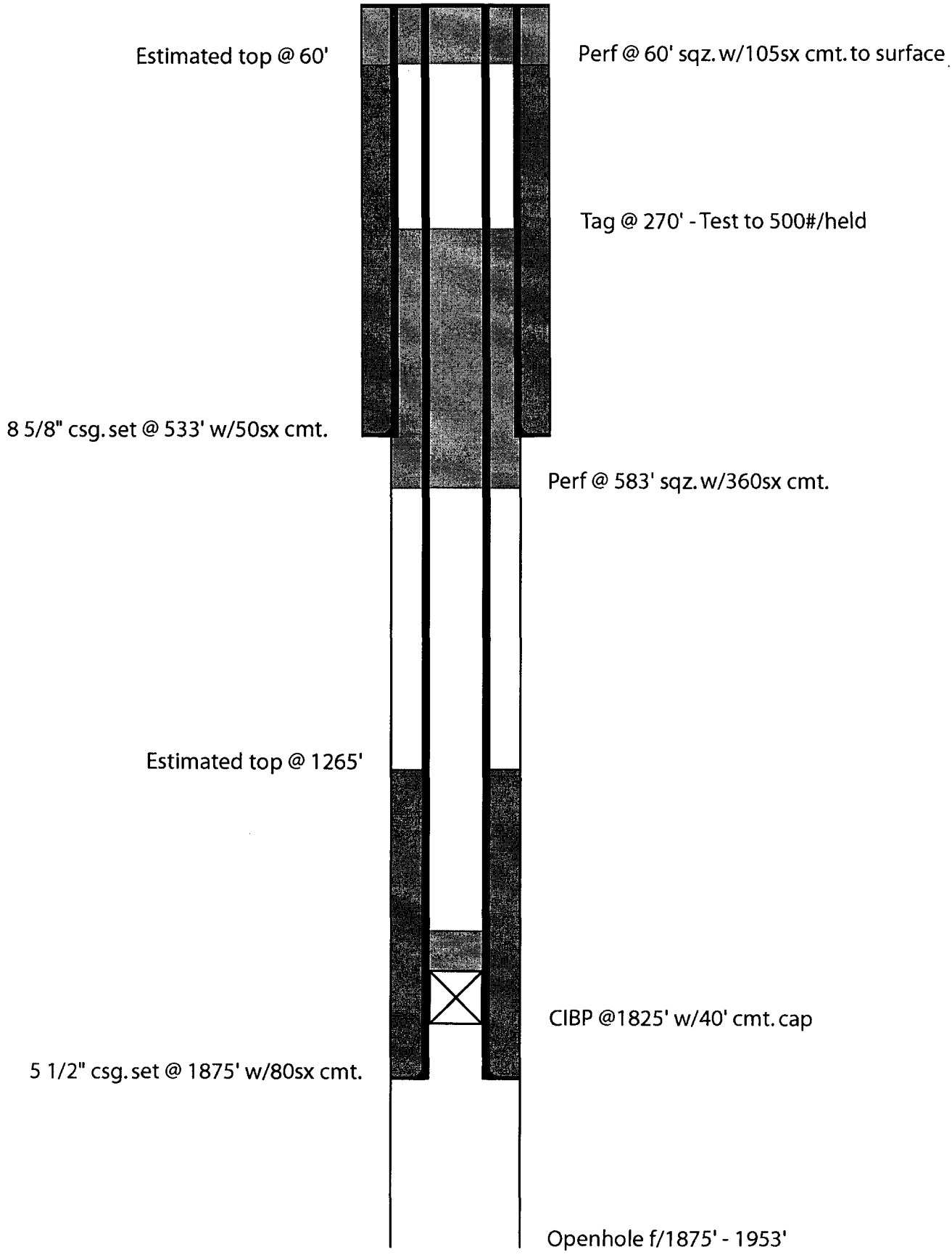
1980 FNL & 660 FWL Sec. 21-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #33

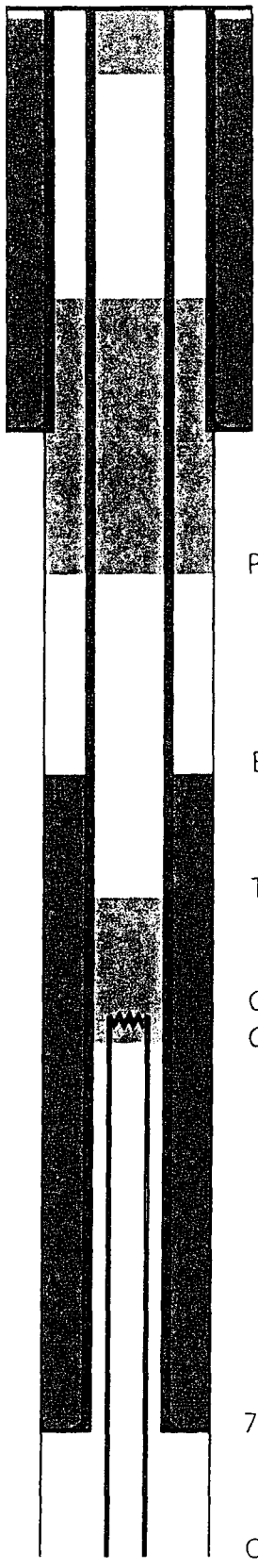
1650 FNL & 990 FEL Sec. 20-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 1 #2

330 FNL & 2310 FWL Sec. 29-T17S-R28E



Estimated top @ 17'

Set surface plug w/10sx cmt.

Tag plug @ 405'

8 5/8" csg. set @ 490' w/50sx cmt.

Perf @ 650' sqz. w/25sx cmt.

Estimated top @ 893'

Tag plug @ 1070'

Casing collapsed on tubing @ 1200'
Cmt. w/125sx

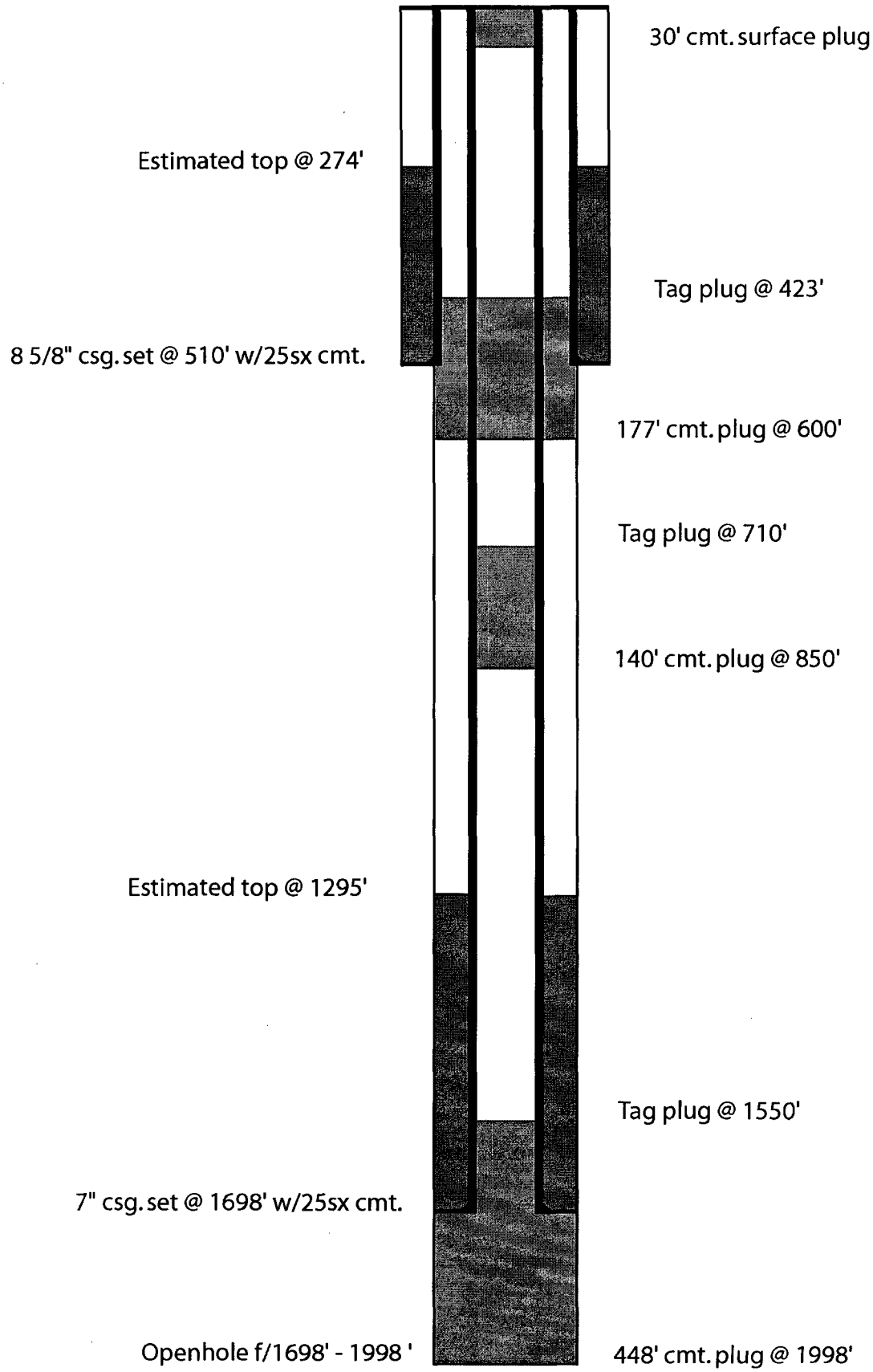
7" csg. set @ 1700' w/50sx cmt.

Openhole f/1700' - 1865'

Kersey & Company

Red Lake Premier Sand Unit Tr. 4 #4

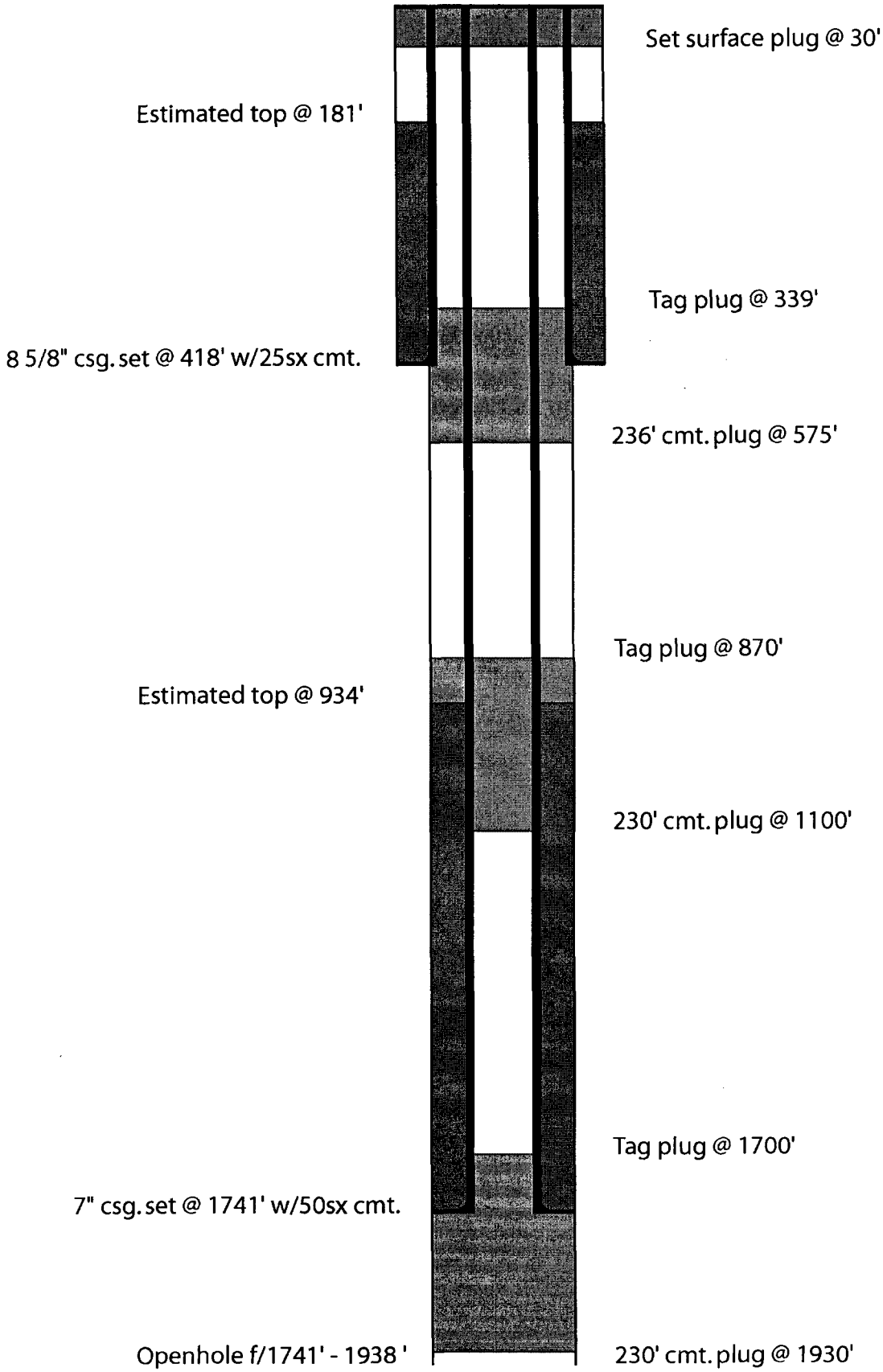
1650 FSL & 990 FEL Sec. 20-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 6 #2

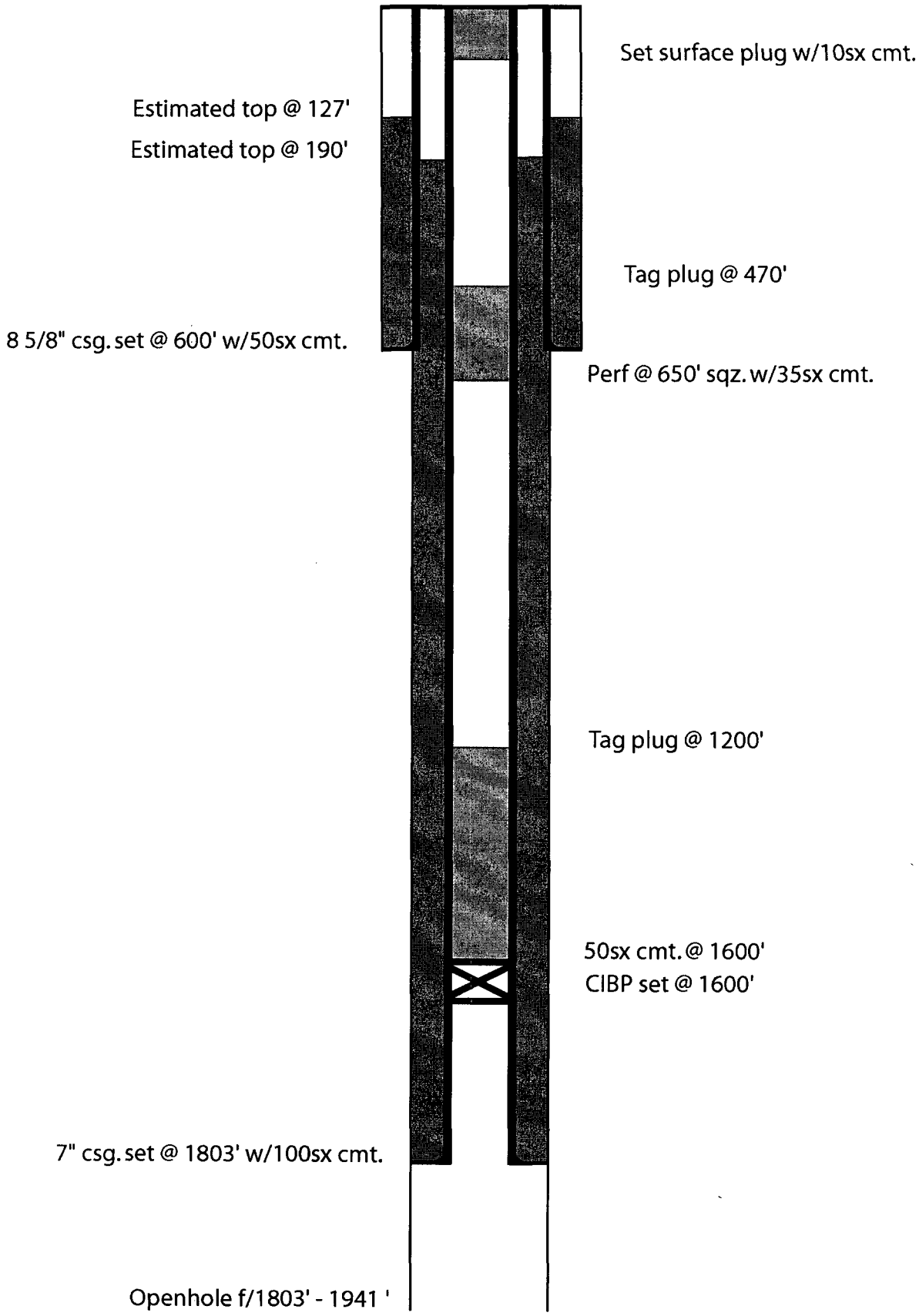
330 FSL & 990 FEL Sec. 20-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 9 #1

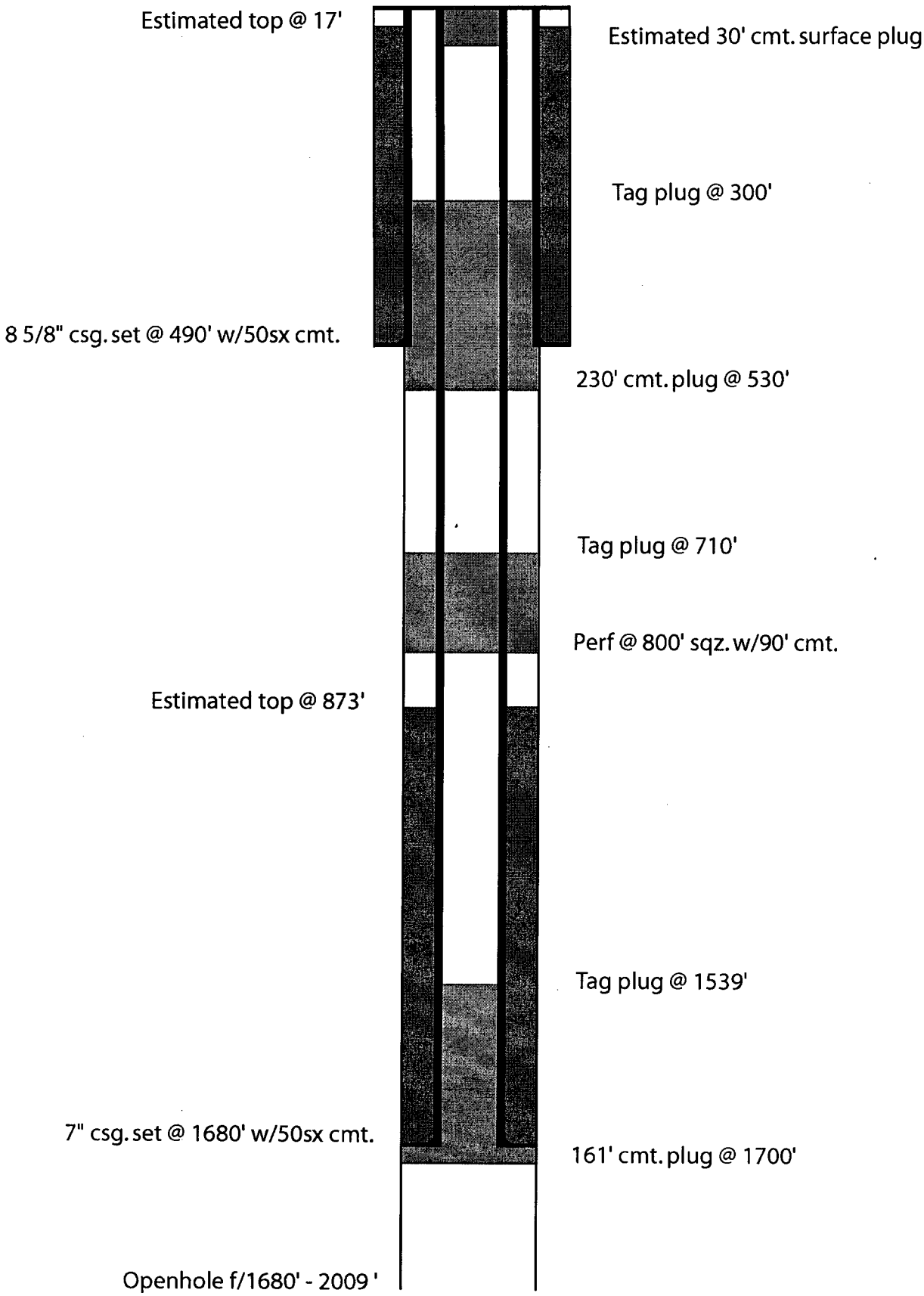
1650 FSL & 2310 FWL Sec. 20-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 10 #1

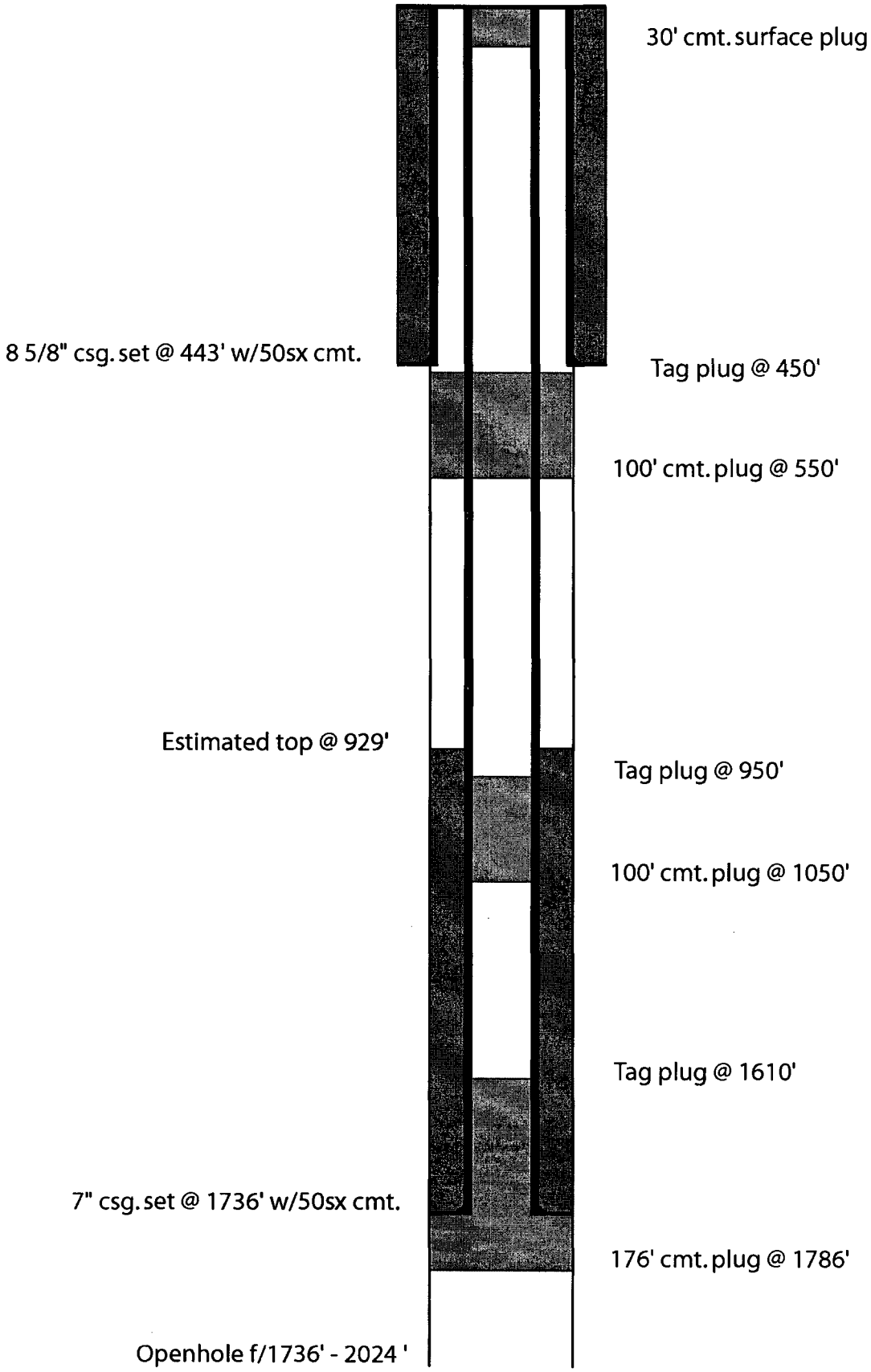
2970 FNL & 660 FWL Sec. 21-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 11 #10

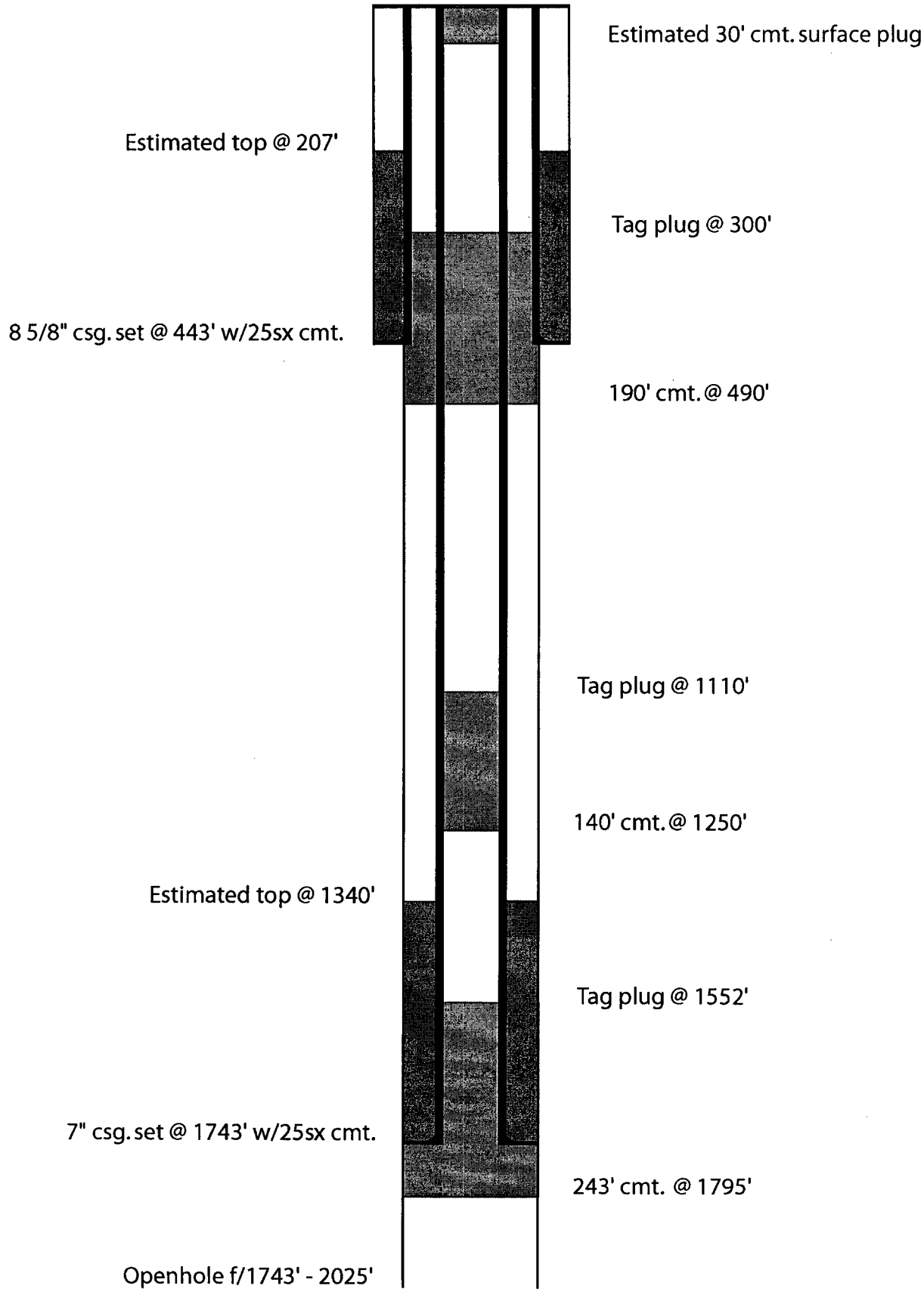
3630 FNL & 4290 FEL Sec. 21-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 11 #11

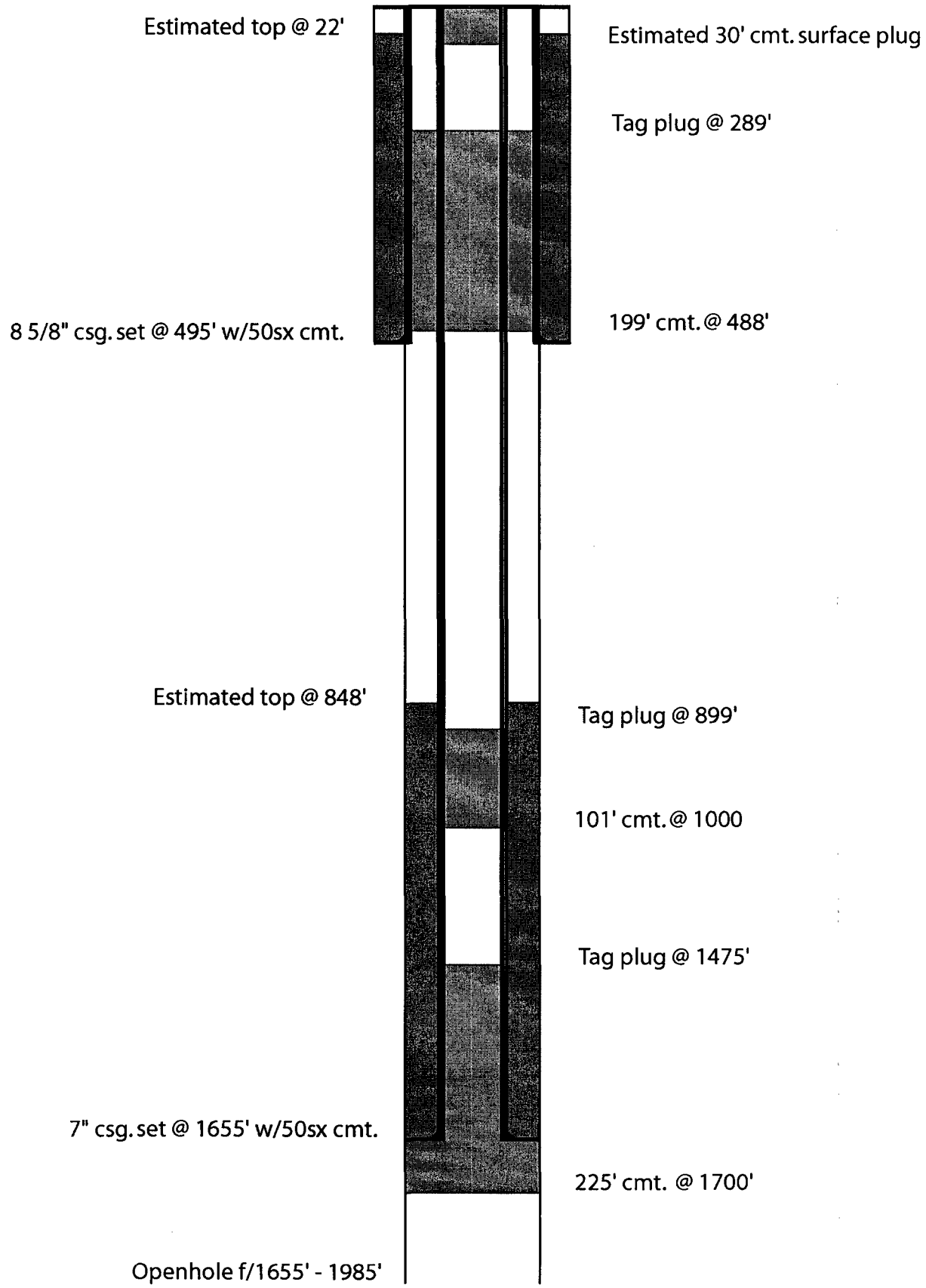
4290 FSL & 2970 FWL Sec. 21-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 11 #13

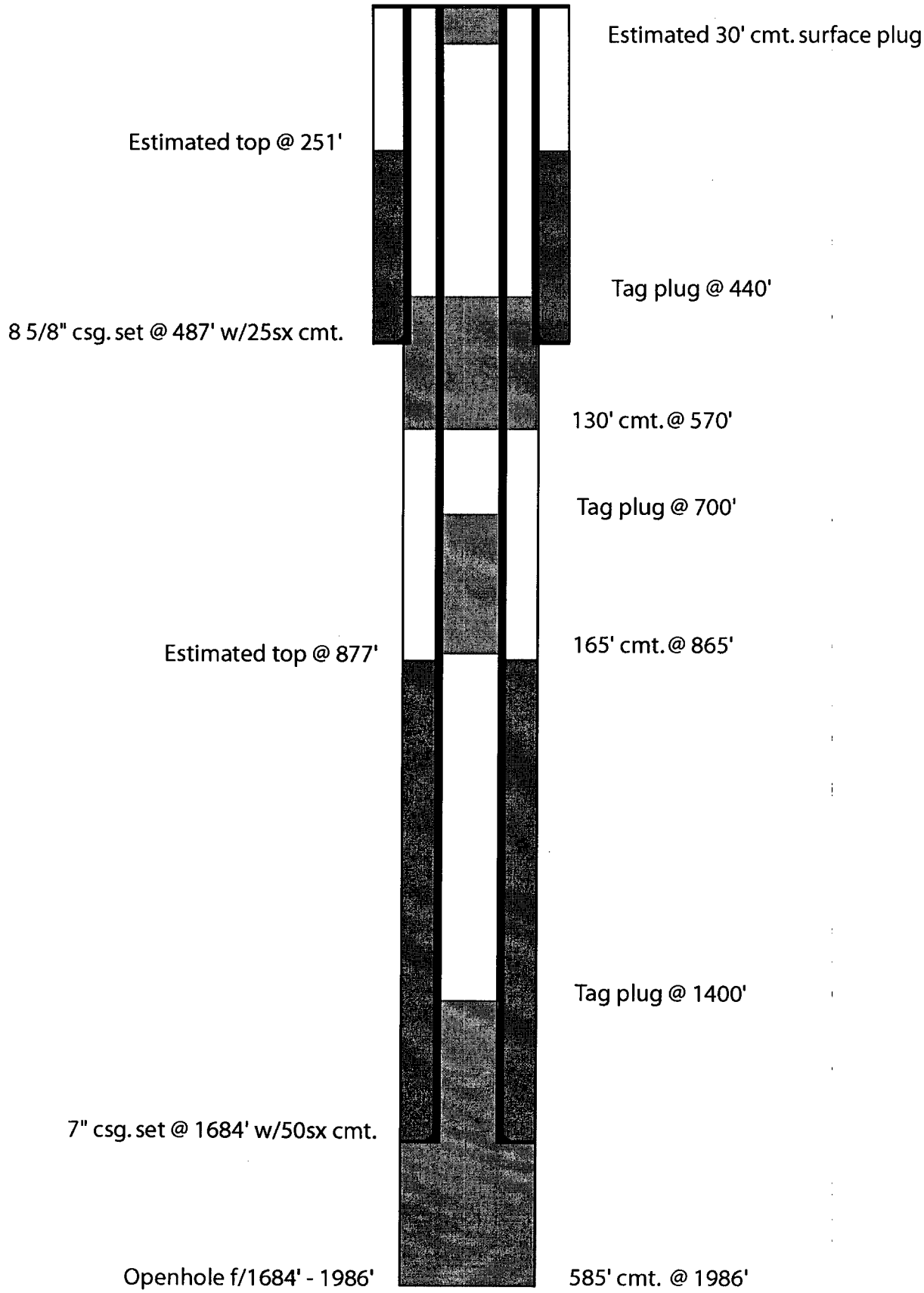
330 FSL & 330 FWL Sec. 21-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 11 #14

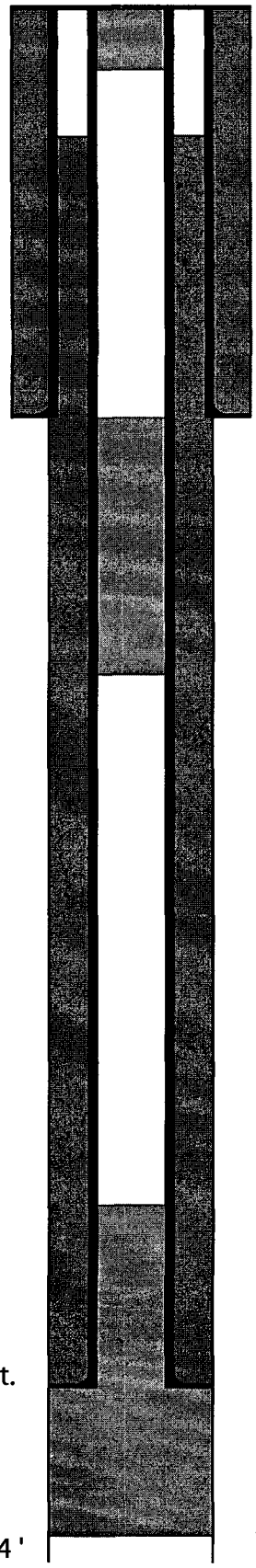
330 FNL & 1650 FWL Sec. 28-T17S-R28E



Kersey & Company

Red Lake Premier Sand Unit Tr. 11 #16

1650 FNL & 1650 FWL Sec. 28-T17S-R28E



Set surface plug w/10sx cmt.

8 5/8" csg. set @ 450' w/50sx cmt.

Tag plug @ 450'

Perf @ 650' sqz. w/35sx cmt.

Tag plug @ 1580'

7" csg. set @ 1715' w/100sx cmt.

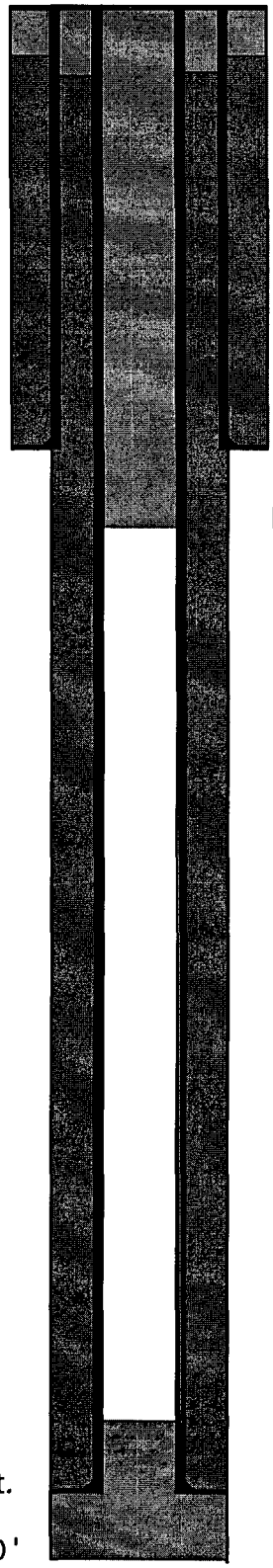
30sx cmt. @ 1986'

Openhole f/1715' - 1994 '

Kersey & Company

Red Lake Premier Sand Unit Tr. 12 #2

990 FNL & 330 FEL Sec. 20-T17S-R28E



Estimated top @ 41'
Estimated top @ 46'

8 5/8" csg. set @ 514' w/50sx cmt.

Perf @ 600' sqz. w/100sx cmt.

Tag plug @ 1600'

5 1/2" csg. set @ 1660' w/100sx cmt.

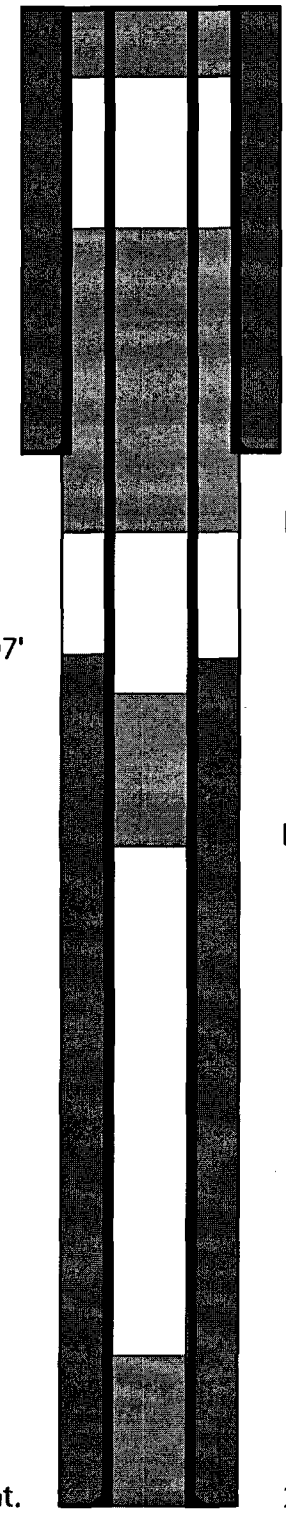
Openhole f/1660' - 1700 '

100' cmt. plug @ 1700'

Kersey & Company

Red Lake Premier Sand Unit Tr. 12 #3

1650 FNL & 1980 FEL Sec. 20-T17S-R28E



10sx cmt. @ 50'

Tag plug @ 306'

8 5/8" csg. set @ 475' w/60sx cmt.

Perf @ 650' sqz. w/344' cmt.

Estimated top @ 807'

Tag plug @ 900'

Perf @ 1000' sqz. w/15sx cmt.

Tag plug @ 1850'

5 1/2" csg. set @ 1950' w/150sx cmt.

25sx cmt. @ 1950'

Kersey & Company

Red Lake Premier Sand Unit Tr. 13 #2

2310 FNL & 330 FEL Sec. 20-T17S-R28E

TOC @ 176'

8 5/8" csg. set @ 532' w/50sx cmt.

Perf @ 550' set surface plug

Tag plug @ 843'

TOC @ 1058'

Perf @ 1160' set 317' cmt. plug

Tag plug @ 1452'

7" csg. set @ 1660' w/50sx cmt.

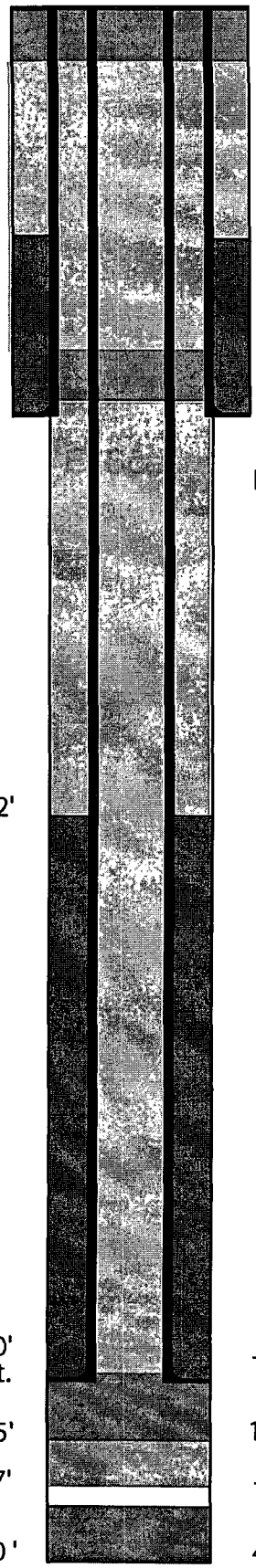
Openhole f/1660' - 1964'

Set 512' cmt. plug @ TD

E. E. Scannell

State #3

400 FSL & 2240 FEL Sec. 20-T17S-R28E



Tag mud @ estimated 26'

5sx cmt. @ estimated 26'

Estimated top @ 284'

353' heavy mud @ estimated 379'

Tag plug @ estimated 379'

Tag mud @ 405'

8 5/8" csg. set @ 414' w/25sx cmt.

5sx cmt. @ 405'

Perf @ 600' sqz. w/100sx cmt.

Estimated top @ 792'

1185' heavy mud @ 1590'

7" csg. set @ 1599' w/50sx cmt.

Tag plug @ 1590'

Tag mud @ 1825'

15sx cmt. @ 1825'

42' heavy mud @ 1867'

Tag plug @ 1879'

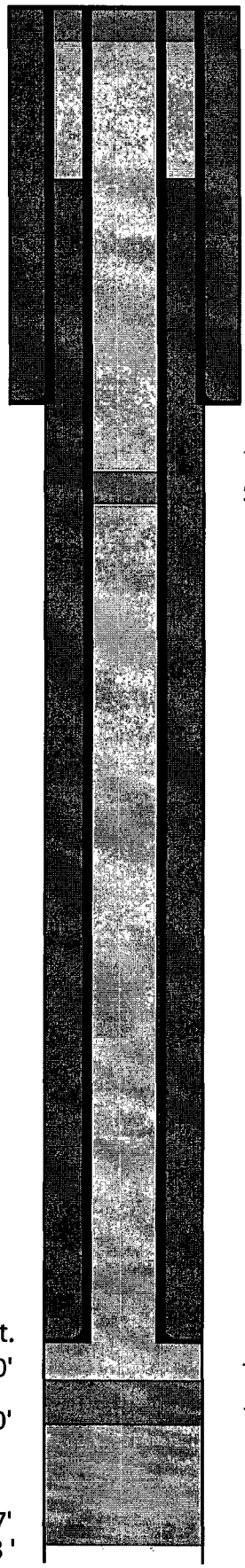
Openhole f/1599' - 1920'

41' cmt. plug @ 1920'

Southern Union Gas Co./Delhi Oil Corp.

State #7

2310 FSL & 990 FEL Sec. 29-T17S-R28E



Tag mud @ 10'

3sx cmt. @ 10'

Estimated top @ 187'

8 5/8" csg. set @ 451' w/50sx cmt.

520' heavy mud @ 530'

Tag mud @ 550'

Tag plug @ 530'

5sx cmt. @ 550'

7" csg. set @ 1800' w/100sx cmt.

1310' heavy mud @ 1860'

Tag plug @ 1860'

Tag mud @ 1900'

10sx cmt. @ 1900'

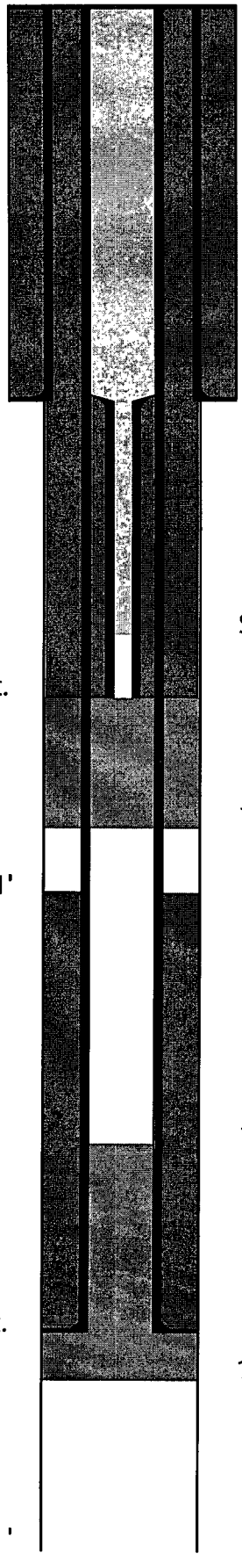
443' heavy mud @ 1867'

Openhole f/1800' - 2353 '

Kersey & Company

Welch #12

330 FNL & 330 FWL Sec. 28-T17S-R28E



8 5/8" csg. set @ 451' w/50sx cmt.

Surface plug set @ 650'

4 1/2" liner set from 450'-704' w/100sx cmt.

Tag plug @ 704'

10sx cmt. @ 800'

Estimated top @ 861'

Tag plug @ 1458'

7" csg. set @ 1668' w/50sx cmt.

15sx cmt. @ 1700'

Openhole f/1668' - 1985 '

Catanach, David

From: Jerry Sherrell [jerrys@mackenergycorp.com]
Sent: Friday, July 16, 2004 9:01 AM
To: David Catanach (E-mail)
Subject: Area of Review Data


RLSU #11.tif


RLSU #21.tif


RLSU Tr 10 #1.tif


RLSU 40,43,47 well data sheet....

David,

I have attached a revised version of the AOR Data Sheet and revised plugging diagrams. <<RLSU #11.tif>> <<RLSU #21.tif>> <<RLSU Tr 10 #1.tif>> <<RLSU 40,43,47 well data sheet.xls>>

AREA OF REVIEW WELL DATA

LEASE/API	WELL#	LOCATION	TD (PBTD)	TYPE & DATE DRILLED	HOLE SIZE	CASING SIZE & WEIGHT	SETTING DEPTH	SX CMT	TOC	PERFS
Navajo 30-015-01600	1	1650' FSL 990' FWL 28-17S-28E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Plugged 1935
Oxy The Bug State 30-015-31363	1	1160' FSL 1937' FWL 21-17S-28E	10,345' (10,320)	Gas 10/4/2000	17 1/2 12 1/4 8 3/4 6 1/8	13 3/8 48# 9 5/8 36# 7 26# 4 1/2 11.6#	422' 2110' 8500' 8159' 10345'	364 689 370 175	circ circ 5770' 8159'	9986-10,000' Producing
Red Lake Sand Unit 30-015-01606	3	1650' FNL 2310' FWL 29-17S-28E	1919'	Oil 2/1/1945	10 8	8 5/8 7	426' 1615'	50 50	circ 808'	Plugged 2004
Red Lake Sand Unit 30-015-01607	4	1687' FNL 1580' FEL 29-17S-28E	1919'	Oil 10/19/1948	10 8	8 5/8 7	450' 1650'	50 50	circ 843'	Plugged 2004
Red Lake Sand Unit 30-015-23597	5	1650' FNL 660' FEL 29-17S-28E	1980'	Oil 1/8/1981	10 8	8 5/8 28# 4 1/2 9.5#	452' 1980'	80 275	circ circ	1864-1886' 1938-1958' Producing
Red Lake Sand Unit 30-015-01599	6	1650' FNL 330' FWL 28-17S-28E	1995'	Oil 8/26/1948	12 1/4 8	9 5/8 7	114' 1684'	50 100	circ 71'	Plugged 2004
Red Lake Sand Unit 30-015-01609	10	330' FNL 990' FWL 29-17S-28E	1890'	Oil 1/14/1945	10 8	8 5/8 7	480' 1697'	50 100	7' 84'	Plugged 2004
Red Lake Sand Unit 30-015-01605	11	990' FNL 1650' FWL 29-17S-28E	10185'	Oil 12/11/1954	17 1/2 12 1/2 7 7/8	13 3/8 54.5# 8 5/8 24# 5 1/2 17#	543' 1996' 6000'-7505'	400 910 300	circ circ 6000'	Plugged 2004
Red Lake Sand Unit 30-015-01612	12	330' FNL 1650' FEL 29-17S-28E	1920'	Oil 10/2/1945	10 8	8 5/8 28# 7 20#	408' 1800'	50 100	circ 187'	Plugged 2004
Red Lake Sand Unit 30-015-01610	13	330' FNL 990' FEL 29-17S-28E	1920'	Oil 1/15/1945	10 8	8 5/8 28# 7 20#	445' 1729'	50 100	circ 115'	Plugged 2004
Red Lake Sand Unit 30-015-01480	17	330' FSL 990' FWL 20-17S-28E	1863'	Oil 11/24/1944	10 8	8 5/8 32# 7 20#	487' 1676'	50 25	14' 1273'	Injection
Red Lake Sand Unit 30-015-01463	18	990' FSL 1650' FWL 20-17S-28E	1890'	Oil 1/7/1955	7 7/8	5 1/2 14#	1750'	175	417'	Plugged 2004
Red Lake Sand Unit 30-015-01479	19	330' FSL 2310' FWL 20-17S-28E	1882'	Oil 10/2/1944	10 8	8 5/8 28# 7 20#	525' 1742'	50 100	52' 129'	Injection
Red Lake Sand Unit 30-015-01471	20	990' FSL 2310' FEL 20-17S-28E	1954'	Oil 11/22/1944	10 8	8 5/8 28# 7 20#	420' 1655'	25 50	circ 847'	Plugged 2004
Red Lake Sand Unit 30-015-01485	21	660' FSL 660' FEL 20-17S-28E	10440' (1950')	Oil 4/18/1958	11	8 5/8 24#	2098'	1000	circ	Plugged 2004
Red Lake Sand Unit 30-015-01465	22	990' FSL 330' FEL 20-17S-28E	1941'	Oil 4/16/1958	10 8	8 5/8 28# 5 1/2 14#	465' 1835'	50 75	circ 625'	Producing
Red Lake Sand Unit 30-015-01491	23	660' FSL 1650' FWL 21-17S-28E	2006'	Oil 4/16/1954	10 8	7 5	765' 1972'	50 50	292' 1165'	1910-1920' Producing
Red Lake Sand Unit 30-015-01484	25	1650' FSL 2310' FEL 20-17S-28E	1944'	Oil 11/26/1944	10 8	8 5/8 7	435' 1650'	20 25	246' 1247'	Plugged 2004
Red Lake Sand Unit 30-015-01461	26	1650' FSL 1650' FEL 20-17S-28E	10987' (1960')	Oil 2/12/1957	11 7 7/8	8 5/8 32# 5 1/2 15.5#	1990' 6239'-7461'	1010 300	circ 6239'	Plugged 2004
Red Lake Sand Unit 30-015-01483	27	2310' FSL 1650' FEL 20-17S-28E	1960'	Oil 10/20/1939	10 8	8 5/8 7	475' 1645'	50 50	2' 836'	Plugged 2004

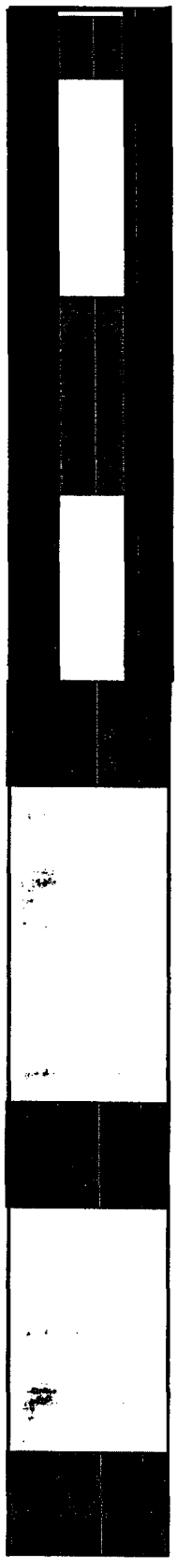
Red Lake Sand Unit 30-015-01470	28	2310' FSL 330' FEL 20-17S-28E	1970'	Oil 1/13/1939	10 8	8 5/8 7	513' 1670'	50 50	40' 861'	Plugged 2004
Red Lake Sand Unit 30-015-01495	29	1650' FSL 2310' FWL 21-17S-28E	2033'	Oil 5/26/1944	10 8	8 5/8 32# 7 20#	692' 1710'	50 100	219' 97'	Intent Sent to Plug
Red Lake Sand Unit 30-015-01467	30	2310' FNL 1650' FEL 20-17S-28E	1935'	Oil 6/26/1939	10 8	8 5/8 7	476' 1659'	20 20	333' 1336'	Plugged 2004
Red Lake Sand Unit 30-015-01493	31	2310' FNL 330' FWL 21-17S-28E	2023'	Oil 4/7/1941	10 8	8 5/8 7	533' 1715'	50 100	60' 101'	Plugged 2004
Red Lake Sand Unit 30-015-01492	32	1980' FNL 660' FWL 21-17S-28E	1979'	Oil 11/17/1937	8	7	1529'	50	722'	Plugged 2004
Red Lake Sand Unit 30-015-01462	33	1650' FNL 990' FEL 20-17S-28E	1953'	Oil 10/8/1956	10 7 7/8	8 5/8 28# 5 1/2 14#	533' 1875'	50 80	60' 1265'	Plugged 2004
Red Lake Sand Unit 30-015-33109	36	990' FNL 2310' FEL 29-17S-28E	2400' (2370')	Oil 11/28/2003	12 1/4 7 7/8	9 5/8 38# 5 1/2 17#	395' 2381'	250 725	circ circ	1829-1866' Producing
Red Lake Sand Unit 30-015-33110	37	2310' FSL 990' FEL 20-17S-28E	2421' (2393')	Oil 12/4/2003	12 1/4 7 7/8	9 5/8 47# 5 1/2 17#	387' 2410'	275 755	circ circ	1914-1950' Producing
Red Lake Sand Unit 30-015-33188	39	990' FNL 990' FEL 29-17S-28E	2120' (2101')	Oil 2/12/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	403' 2114'	300 725	circ circ	1848-191' Producing
Red Lake Sand Unit 30-015-33166	40	990' FNL 330' FWL 28-17S-28E	2111' (2090')	Oil 1/9/2004	9 7/8 6 1/8	7 23# 4 1/2 11.6#	390' 2096'	160 350	circ circ	1883.5-1914' Producing
Red Lake Sand Unit 30-015-33186	41	330' FNL 455' FEL 29-17S-28E	2110' (2076')	Oil 1/25/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	411' 2087'	260 660	circ circ	1860-1896' Producing
Red Lake Sand Unit 30-015-33196	43	330' FSL 1650' FEL 20-17S-28E	2138' (2125')	Oil 1/31/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	421' 2137'	260 680	circ circ	1858-1894' Producing
Red Lake Sand Unit 30-015-33198	45	990' FSL 990' FEL 20-17S-28E	2120' (2104')	Oil 2/5/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	423' 2117'	275 725	circ circ	1848-1922' Producing
Red Lake Sand Unit 30-015-33200	47	1650' FSL 330' FEL 20-17S-28E	2138' (2107')	Oil 2/19/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	420' 2130'	300 710	circ circ	1923-1957' Producing
Red Lake Sand Unit 30-015-33201	48	2160' FSL 2310' FEL 20-17S-28E	2130' (2111')	Oil 3/8/2004	12 1/4 7 7/8	8 5/8 24# 4 1/2 10.5#	413' 2130'	300 800	circ circ	1924-1963.5' Producing
RLPSU Tr.1 30-015-01608	2	330' FNL 2310' FWL 29-17S-28E	1865'	Oil 11/19/1944	10 8	8 5/8 32# 7 20#	490' 1700'	50 50	17' 893'	Plugged 1985
RLPSU Tr.4 30-015-01482	4	1650' FSL 990' FEL 20-17S-28E	1998'	Oil 11/12/1945	10 8	8 5/8 32# 7 20#	510' 1698'	25 25	274' 1295'	Plugged 1986
RLPSU Tr.6 30-015-01472	2	330' FSL 990' FEL 20-17S-28E	1938'	Oil 3/14/1945	10 8	8 5/8 28# 7 20#	418' 1741'	25 50	181' 934'	Plugged 1985
RLPSU Tr.9 30-015-01477	1	1650' FSL 2310' FWL 20-17S-28E	1941 (1600')	Oil 7/12/1944	10 8	8 5/8 32# 7 20#	600' 1803'	50 100	127' 190'	Plugged 1987
RLPSU Tr. 10 30-015-01602	1	2970' FSL 660' FWL 28-17S-28E	2009'	Oil 1/24/1948	10 8	8 5/8 7	490' 1680'	50 50	17' 873'	Plugged 1985
RLPSU Tr. 11 30-015-01487	10	3630' FNL 4290' FEL 21-17S-28E	2024'	Oil 1/7/1945	10 8	8 5/8 24# 7 18#	443' 1736'	50 50	circ 929'	Plugged 1985
RLPSU Tr. 11 30-015-01488	11	4290' FSL 2970' FWL 21-17S-28E	2025'	Oil 10/26/1944	10 8	8 5/8 24# 7 18#	443' 1743'	25 25	207' 1340'	Plugged 1985

RLPSU Tr. 11 30-015-01489	13	330' FSL 330' FWL 21-17S-28E	1985'	Oil 8/9/1945	10 8	8 5/8 24# 7 18#	495' 1655'	50 50	22' 848'	Plugged 1985	
RLPSU Tr. 11 30-015-01598	14	330' FNL 1650' FWL 28-17S-28E	1986'	Oil 9/10/1946	10 8	8 5/8 24# 7 18#	487' 1684'	25 50	251' 877'	Plugged 1986	
RLPSU Tr. 11 30-015-01603	16	1650' FNL 1650' FWL 28-17S-28E	1994'	Oil 10/16/1949	10 8	8 5/8 7	450' 1715'	50 100	circ 102'	Plugged 1987	
RLPSU Tr. 12 30-015-01469	2	990' FNL 330' FEL 20-17S-28E	1700'	Oil 1/7/1942	10 8	8 5/8 7	514' 1660'	50 100	41' 46'	Plugged 1986	
RLPSU Tr. 12 30-015-01468	3	1650' FNL 1980' FEL 20-17S-28E	1950'	Oil 2/16/1959	10 7 7/8	8 5/8 24# 5 1/2 15.5#	475' 1950'	60 150	circ 807'	Plugged 1987	
RLPSU Tr. 13 30-015-01466	2	2310' FNL 330' FEL 20-17S-28E	1964'	Oil 11/22/1938	10 8	8 5/8 7	532' 1660'	50 50	176' 1058'	Plugged 1986	
State 30-015-01473	3	400' FSL 2240' FEL 20-17S-28E	1920' (1879')	Oil 9/22/1950	11 8	8 5/8 28# 7 17#	414' 1599'	25 50	284' 792'	Plugged 1951	
State 30-015-01613	7	2310' FSL 990' FEL 29-17S-28E	2353'	Oil 3/18/1945	10 8	8 5/8 28# 7 20#	451' 1800'	50 100	circ 187'	Plugged 1948	
Tigner State 30-015-31387	1	2310' FSL 990' FWL 28-17S-28E	3550'	Oil 12/19/2000	12 1/4 7 7/8	8 5/8 23# 5 1/2 14#	400' 3540'	350 850	circ circ	3426-3434' 3446-3452' Producing	
Welch 30-015-01597	12	330' FNL 330' FWL 28-17S-28E	1985' (704')	Oil 3/29/1945	8 10 8	4 1/2 9.5# 8 5/8 24# 7 18#	450-704' 451' 1668'	100 50 50	circ circ 861'	Plugged 1990	
Welch RL State 30-015-31916	1	2310' FNL 430' FWL 28-17S-28E	3505'	Oil 8/27/2001	12 1/4 7 7/8	8 5/8 24# 5 1/2 17#	455' 3499'	350 800	circ circ	2332-2654' 2869-3055' Producing	
Welch RL State 30-015-31917	2	2310' FNL 1650' FWL 28-17S-28E	3535'	Oil 3/12/2003	12 1/4 7 7/8	8 5/8 24# 5 1/2 14#	304' 3526'	325 750	circ circ	2294-2675' Producing	
Welch RL State 30-015-32456	6	990' FNL 1650' FWL 28-17S-28E	3520'	Oil 11/20/2002	12 1/4 7 7/8	8 5/8 24# 5 1/2 14#	428' 3514'	400 800	circ circ	2271-2510' Producing	
Welch RL State 30-015-20586	10	1810' FNL 790' FWL 28-17S-28E	10,324' (9950')	Oil 3/18/1972	13 3/4 11 7 7/8 7 7/8	11 3/4 47# 8 5/8 24# 5 1/2 17-15.5# 5 1/2 14#	349' 2106' 3228-10,324' 3228'	300 725 650 600	circ circ 3228' circ	2800-3050' Producing	

Mack Energy Corporation

Red Lake Sand Unit #21

660 FSL & 660 FEL Sec. 20-T17S-R28E



Tag plug @ 3'

Perf @ 60' sqz. w/50sx cmt.

Tag plug @ 1601'

70sx cmt. @ 1782'

8 5/8" csg. set @ 2098' w/50sx cmt.

25sx cmt. @ bottom of 8 5/8" csg.

25sx cmt. @ 7300'

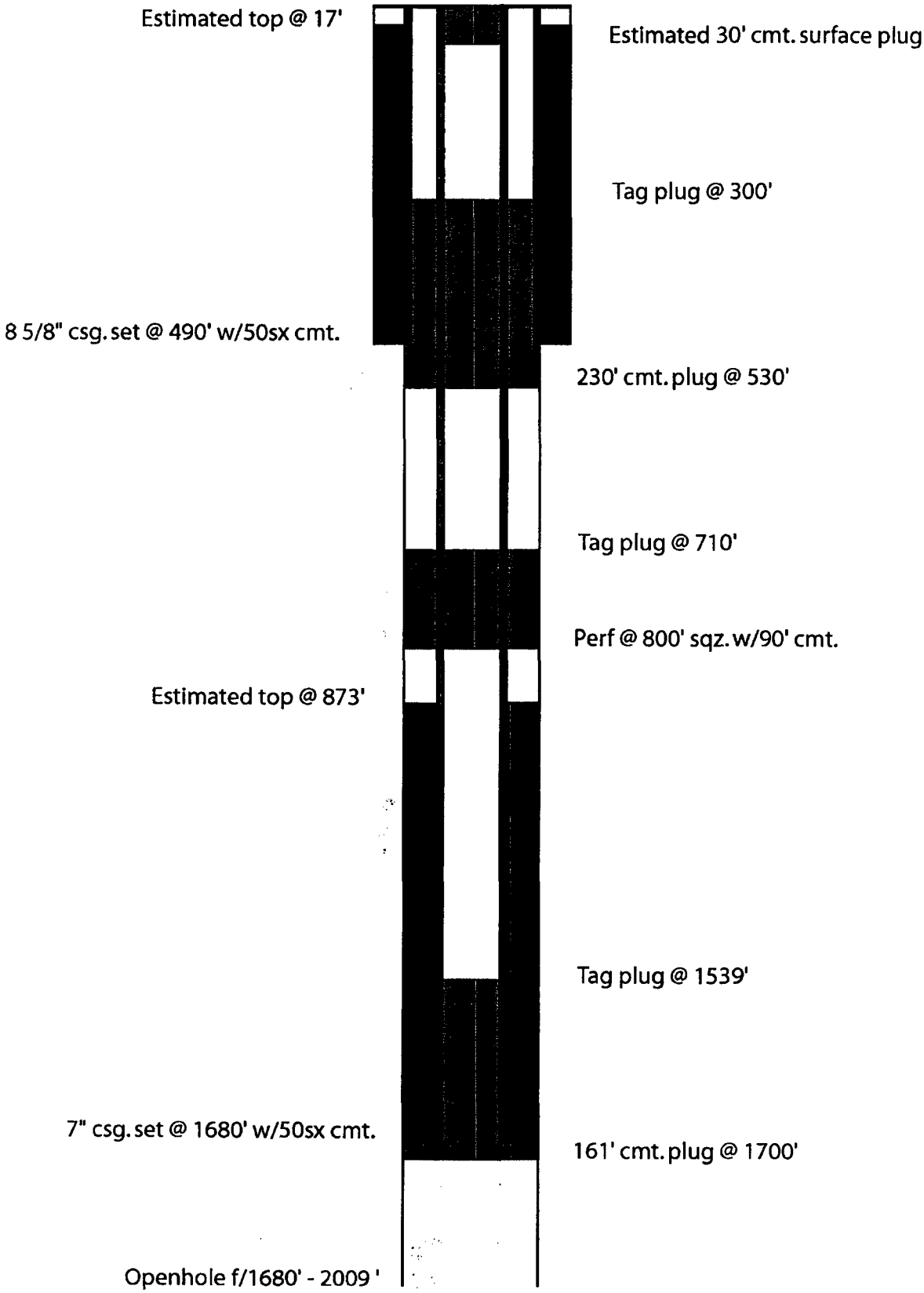
Openhole f/2098' - 10440'

25sx cmt. @ 10440'

Kersey & Company

Red Lake Premier Sand Unit Tr. 10 #1

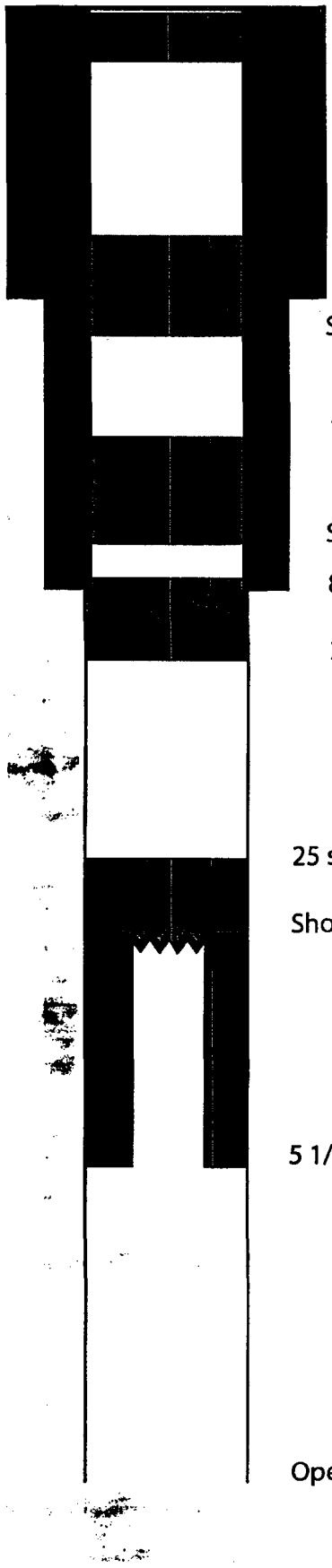
2970 FNL & 660 FWL Sec. 28-T17S-R28E



Mack Energy Corporation

Red Lake Sand Unit #11

990 FNL & 1650 FWL Sec. 29-T17S-R28E



Tag plug @ 2'

Set surface plug @ 60' w/25sx cmt.

Tag plug @ 470'

13 3/8" csg. set @ 543' w/400sx cmt.

Set plug @ 593' w/35sx cmt.

Tag plug @ 1670'

Set plug @ 1802' w/35sx cmt.

8 5/8" csg. set @ 1996' w/910sx cmt.

25 sx cmt. on bottom of 8 5/8" csg.

25 sx cmt. on top of 5 1/2" csg.

Shot off 5 1/2" csg. @ 6000'

5 1/2" csg. set @ 7505' w/300sx cmt.

Openhole f/7505' - 10,185'

30-015-01600

	OIL CONSERVATION COMMISSION	Checked by
C-101	Notice of Intention to Drill	
	Mapped	
C-102 and C-103	Miscellaneous notices and reports	
	102 - 103 - Plug	M
C-104 A	Operators monthly reports	
C-105	Well Log	
C-106	Request for pipe line connection	
C-107	Purchasers Monthly Report	

Navajo Oil Company

TELEPHONE VANDIKE 4260
727 WEST SEVENTH STREET
LOS ANGELES, CALIFORNIA

July 20th, 1928

MR. R. L. TALLERT
Oil & Gas Inspector
Artesia, New Mexico

Dear Sir:

Sometime ago our Albuquerque office forwarded your letter of May 3rd for attention here and it seems that this letter was overlooked. Most of our well records are now kept in this office and the reports on our drilling wells are to be made from here. However, we have no blanks and we will thank you to forward us a supply and we will try to get these reports up to date.

It seems that there has been considerable misunderstanding between our two offices and these reports have gotten away behind. However, there has been very little activity on any of our wells since September of last year, at which time the last reports were rendered. Do you desire that we make a separate report for each well and for each month since September 1927?

We assure you that this matter will receive our very prompt attention upon receipt of a supply of the blanks.

Very truly yours,

NAVAJO OIL COMPANY

By J. M. Kugler

JMK:MIS

Form SG104

NEW MEXICO STATE LAND FICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

SANTA FE

NOTICE OF INTENTION TO ABANDON WELL

Notice must be given at least five days before work is to begin to the State Geologist or to the proper Oil and Gas Inspector. It is desirable that a representative of the Department of the State Geologist witness the plugging of wells being abandoned whenever possible. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in duplicate.

[illegible], N. Mex., [illegible] 1934

Mr. ....

Santa Fe, New Mexico.

Dear Sir:

You are hereby notified that it is our intention to abandon [illegible] Well

No. [illegible] in .... of Sec. 28 Twp. 17, Rge. [illegible],

N. M. P. M., ... Oil Field, Eddy County.

We plan to commence work on [illegible], 1934.

The reasons for wishing to abandon the well are as follows:

[illegible]

The present condition of the well is as follows:

17 [illegible]

[illegible]

The work which we propose to do in abandoning the well is as follows:

[illegible]

DUP[illegible]

Sincerely yours,

Approved 6-30 1934

Except as follows:

....

Company or Operator.

By ....

Position ....

Send communications regarding this well to

Name [illegible]

Address [illegible]

[signature]

State Geologist or Oil and Gas Inspector.

xxxxxxxxxxxxxxxxx

Box 522
Carlsbad, New Mexico
January 4, 1935

Mr. Frank Tigner
Artesia, New Mexico

Dear Mr. Tigner:

On checking through my records I find that you filed form SG-104 "Notice of Intention to Abandon Well" for the Navajo Well No. 1, Sec. 28, T. 17 S., R. 28, but I do not find form SG-106, "Report on Result of Abandonment"for this well.

I am enclosing the necessary blank form in triplicate so that you may fill it out and return it to me for my approval, as it is necessary that we have the Report on Result of Abandonment for the above mentioned well before we can complete our records on it.

Your prompt attention and cooperation in this matter will be greatly appreciated.

Very truly yours,

Encls.

F. J. Vesely,
State Oil & Gas Inspector.

Form SG 106

NEW MEXICO STATE LAND OFFICE

OFFICE OF THE STATE GEOLOGIST

SANTA FE, NEW MEXICO

MISCELLANEOUS REPORTS ON WELLS

Submit this report in duplicate to the State Geologist or proper Oil and Gas Inspector within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of water shut-off, result of abandonment of well, and other important operations, even though the work was witnessed by the State Geologist or Oil and Gas Inspector. Reports on minor operations need not be signed and sworn to before a notary public, but such operations should be witnessed by an Oil and Gas inspector if possible.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRIRLLING OPERATIONS		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF SHOOTING WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF ABANDONMENT OF WELL	X		

Artesia 1-19-35

Place Date

Mr_____ State Geologist,

Santa Fe, N. Mex.

Following is a report on the work done and the results obtained under the heading noted above at the _____ Well No _____ in the
Company or Operator Lease

_____ of Sec 25, T 17 R 25 N. M. P. M.,

_____ Oil Field, _____ County.

The dates of this work were as follows: _____

Notice of intention to do the work was (was not) sumbitted on Form SG _____ on _____ 19____, and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Subscribed and sworn to before me this

19 day of January, 1935

Fred Cole

Notary Public

My Commission expires 9-13-35

I hereby swear or affirm that the information given above is true and correct.

Name _____

Position _____

Representing _____
Company or Operator

Address _____

Remarks:

APPROVED

BY L. Hendy

Name Title

Legal Notice

Mack Energy Corporation, Post Office Box 960, Artesia, NM 88211-0960, has filed an Application with the New Mexico Oil Conservation Division seeking authorization to inject produced salt water in the Red Lake Sand Unit #40, 43 and 47 of Section 20 and 28, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. The water will be injected into the Grayburg formation at a disposal depth of 1883 feet to 1957 feet. A maximum surface injection pressure of 360 pounds and a maximum injection rate of 3000 BWPD. Any interested party with questions or comments may contact Jerry W. Sherrell at Mack Energy Corporation, Post Office Box 960, Artesia, New Mexico 88211-0960 or call (505) 748-1288. Objections to this application or requests for hearing must be filed with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within fifteen days of the date of the publication of this notice. Published in the Artesia Daily Press, Artesia, New Mexico.

MACK ENERGY CORPORATION
Post Office Box 960
Artesia, New Mexico 88211-0960
(505) 748-1288 / FAX (505) 746-9539

June 7, 2004

VIA CERTIFIED MAIL 7002 2030 0001 8265 5694
RETURN RECEIPT REQUESTED

Breck Operating Corp.
PO Box 4250
Midland, TX 79703

Gentlemen:

Enclosed for your review is a copy of Mack Energy Corporation's application for Authorization to Inject for the purpose of secondary recovery in the Red Lake Sand Unit #40, 43, 47.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert this well into an Injection well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK ENERGY CORPORATION
Post Office Box 960
Artesia, New Mexico 88211-0960
(505) 748-1288 / FAX (505) 746-9539

June 7, 2004

VIA CERTIFIED MAIL 7002 2030 0001 8265 5687
RETURN RECEIPT REQUESTED

Pure Energy Group, Inc.
153 Treeline Park STE 220
San Antonio, TX 78209-1880

Gentlemen:

Enclosed for your review is a copy of Mack Energy Corporation's application for Authorization to Inject for the purpose of secondary recovery in the Red Lake Sand Unit #40, 43, 47.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert this well into an Injection well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK ENERGY CORPORATION
Post Office Box 960
Artesia, New Mexico 88211-0960
(505) 748-1288 / FAX (505) 746-9539

June 7, 2004

VIA CERTIFIED MAIL 7002 2030 0001 8265 5700
RETURN RECEIPT REQUESTED

Nearburg Producing Company
PO Box 823085
Dallas, TX 75382-3085

Gentlemen:

Enclosed for your review is a copy of Mack Energy Corporation's application for Authorization to Inject for the purpose of secondary recovery in the Red Lake Sand Unit #40, 43, 47.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert this well into an Injection well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK ENERGY CORPORATION
Post Office Box 960
Artesia, New Mexico 88211-0960
(505) 748-1288 / FAX (505) 746-9539

June 7, 2004

VIA CERTIFIED MAIL 7002 2030 0001 8265 5717
RETURN RECEIPT REQUESTED

Joe H. Warren, Jr
4925 Greenville Ave One Energy Sq.
Dallas, TX 75206

Gentlemen:

Enclosed for your review is a copy of Mack Energy Corporation's application for Authorization to Inject for the purpose of secondary recovery in the Red Lake Sand Unit #40, 43, 47.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert this well into an Injection well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK ENERGY CORPORATION
Post Office Box 960
Artesia, New Mexico 88211-0960
(505) 748-1288 / FAX (505) 746-9539

June 7, 2004

VIA CERTIFIED MAIL 7002 2030 0001 8265 5724
RETURN RECEIPT REQUESTED

Chisos Operating Inc.
PO Box 10865
Midland, TX 79702-0865

Gentlemen:

Enclosed for your review is a copy of Mack Energy Corporation's application for Authorization to Inject for the purpose of secondary recovery in the Red Lake Sand Unit #40, 43, 47.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert this well into an Injection well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures