

CALMON LEASE

WATERFLOOD

OCD FORM C-108

OPERATOR

THUNDERBOLT PETROLEUM

OCTOBER 1999

* If the information required under Section 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.

CALMON STATE #1
CONVERT TO INJECTION
NMOCD Form C-108 Section III

III. Data on injection well(s)

A. Injection well information (see attached schematic)

Tabular data

1. Lease: Calmon State

Well No: 1

Location: 2310' FSL & 990' FWL, Sec 16 T-18-S
R-29-E, Eddy County, NM

2. Casing: 8 5/8", 24 #/ft, surface @ 358' in 12 1/4" hole ,
cemented w/300 sx. TOC @ surface, circulated.

5 1/2", 17 #/ft, production casing @ 3020' in 7 7/8" hole, cemented
w/ 600 sx. TOC @ surface, circulated.

3. Injection tubing: + or - 68 jts 2 3/8", 4.7 lb/ft, J-55 internally plastic coated
tubing.

4. Packer: An internally plastic coated Model AD-1 injection packer set @ +/-
2176'.

B. Other well information

1. Injection formation: Qn-Grbg-SA

Field: Loco Hills

2. Existing perforations: 2265-96, 2492-99, 2560-62, 2608-10 & 2677-79

3. This well was drilled as a Qn-Grbg-SA oil well.

4. There are no other perfed or tested intervals in this well.

5. Within the area of this well there are no shallower productive zones. The
Morrow is productive at a depth of 10,986'

THUNDERBOLT PETROLEUM, LLC

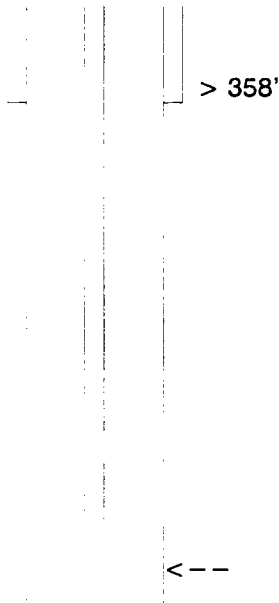
CURRENT COMPLETION

WELL: CALMON STATE #1
FIELD: LOCO HILLS
INTERVAL: QN-GB-SA
COMP: 8/26/86
IP: 80 BOPD & 20 BWPD
SPUDDED: 7/24/86

LOCATION:
2310' FSL & 990' FWL
SEC 16, T-18-S, R-29-E
EDDY COUNTY, NEW MEXICO

API #: 30-015-25635

ELEVATION: 3540' GL



SURFACE CASING:

RAN 24#/FT 8 5/8" CSG, SET @ 358', IN 12 1/4" HOLE,
CMT. W/ 300 SXS., TOC @ SURFACE

PRESENT COMPLETION INTERVAL:

PERFORATIONS 2265-96, 2492-99, 2560-62
2608-10, 2677-79
FRAC W/60,000 GAL & 75,500 # OF SAND

< > 3020'

PRODUCTION CASING:

RAN 17#/FT 5 1/2" CSG, SET @ 3020' IN 7 7/8" HOLE.
CMT W/600 SXS, TOP OF CEMENT @ SURFACE

TD: 3050'
PBTD: 3011'

THUNDERBOLT PETROLEUM, LLC

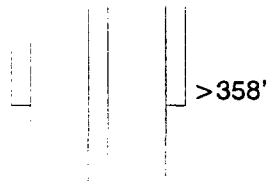
PROPOSED COMPLETION

WELL: CALMON STATE #1
FIELD: LOCO HILLS
INTERVAL: QN-GB-SA
COMP: 8/26/86
IP: 80 BOPD & 20 BWPD
SPUDDED: 7/24/86

LOCATION:
2310' FSL & 990' FWL
SEC 16, T-18-S, R-29-E
EDDY COUNTY, NEW MEXICO

API #: 30-015-25635

ELEVATION: 3540' GL



SURFACE CASING:

RAN 24 #/FT 8 5/8" CSG, SET @ 358' IN 12 1/4" HOLE,
CMT. W/ 300 SXS., TOC @ SURFACE, CIRC.

INTERNALLY PLASTIC COATED 2 3/8" TBG SET @ +/- 2176'

AD-1 PLASTIC
COATED TENSION
PACKER SET @
+/- 2176'

PRESENT COMPLETION INTERVAL:

PERFORATIONS 2265-96, 2492-99, 2560-62
2608-10, 2677-79
FRAC W/60,000 GAL & 75,500 # OF SAND

< > 3020'

PRODUCTION CASING:

RAN 17 #/FT 5 1/2" CSG, SET @ 3020' IN 7 7/8" HOLE.
CMT W/600 SXS, TOC @ SURFACE, CIRC.

TD: 3050'
PBSD: 3011'

CALMON STATE #3
CONVERT TO INJECTION
NMOCD Form C-108 Section III

III. Data on injection well(s)

A. Injection well information (see attached schematic)

Tabular data

1. Lease: Calmon State

Well No: 3

Location: 990' FSL & 990' FWL, Sec 16 T-18-S
R-29-E, Eddy County, NM
2. Casing: 8 5/8", 24 #/ft, J-55 surface @ 318' in 2 1/4" hole, cemented
w/200 sx. TOC @ surface, circulated.

5 1/2", 14 & 17 #/ft, J-55 @ 2395' in 7 7/8" hole, cemented
w/700 sx. TOC @ surface, circulated.
3. Injection tubing: + or - 68 jts 2 3/8", 4.7 lb/ft, J-55 internally plastic coated
tubing.
4. Packer: An internally plastic coated Model AD-1 injection packer set
@ +/- 2180'.

B. Other well information

1. Injection formation: Qn-Grbg-SA

Field: Loco Hills
2. Existing perforations: 2264-74, 2484-90, 2548-51, & 2596-99
3. This well was drilled as a Qn-Grbg-SA oil well.
4. There are no other perfed or tested intervals in this well.
5. Within the area of this well there are no shallower productive zones. The
Morrow is productive at a depth of 10,986'.

THUNDERBOLT PETROLEUM, LLC

CURRENT COMPLETION

WELL: CALMON STATE #3
FIELD: LOCO HILLS
INTERVAL: QN-GB-SA
COMP: 8/5/87
IP: 80 BOPD & 5 BWPD
SPUDDED: 5/27/87

LOCATION:
990' FSL & 990' FWL
SEC 16, T-18-S, R-29-E
EDDY COUNTY, NEW MEXICO

API #: 30-015-25754

ELEVATION: 3531' GL

> 318'

SURFACE CASING:

RAN 24#/FT 8 5/8" CSG, SET @ 318' IN 12 1/4" HOLE,
CMT. W/ 200 SXS. CMT., TOC @ SURFACE

< --

PRESENT COMPLETION INTERVAL:

PERFORATIONS 2264-74, 2484-90, 2548-51
2596-99

ACIDIZE W/ 2500 GAL.

FRAC W/77,300 GAL & 129,300 CF SAND

< -- > 2895'

PRODUCTION CASING:

RAN 14#/ FT & 17 #/FT 5 1/2" CSG, SET @ 2895',
IN 7 7/8" HOLE, CMT W/250 SXS, TOC @ SURFACE, CIRC.

TD: 2897'
PBTD: 2838'

THUNDERBOLT PETROLEUM, LLC

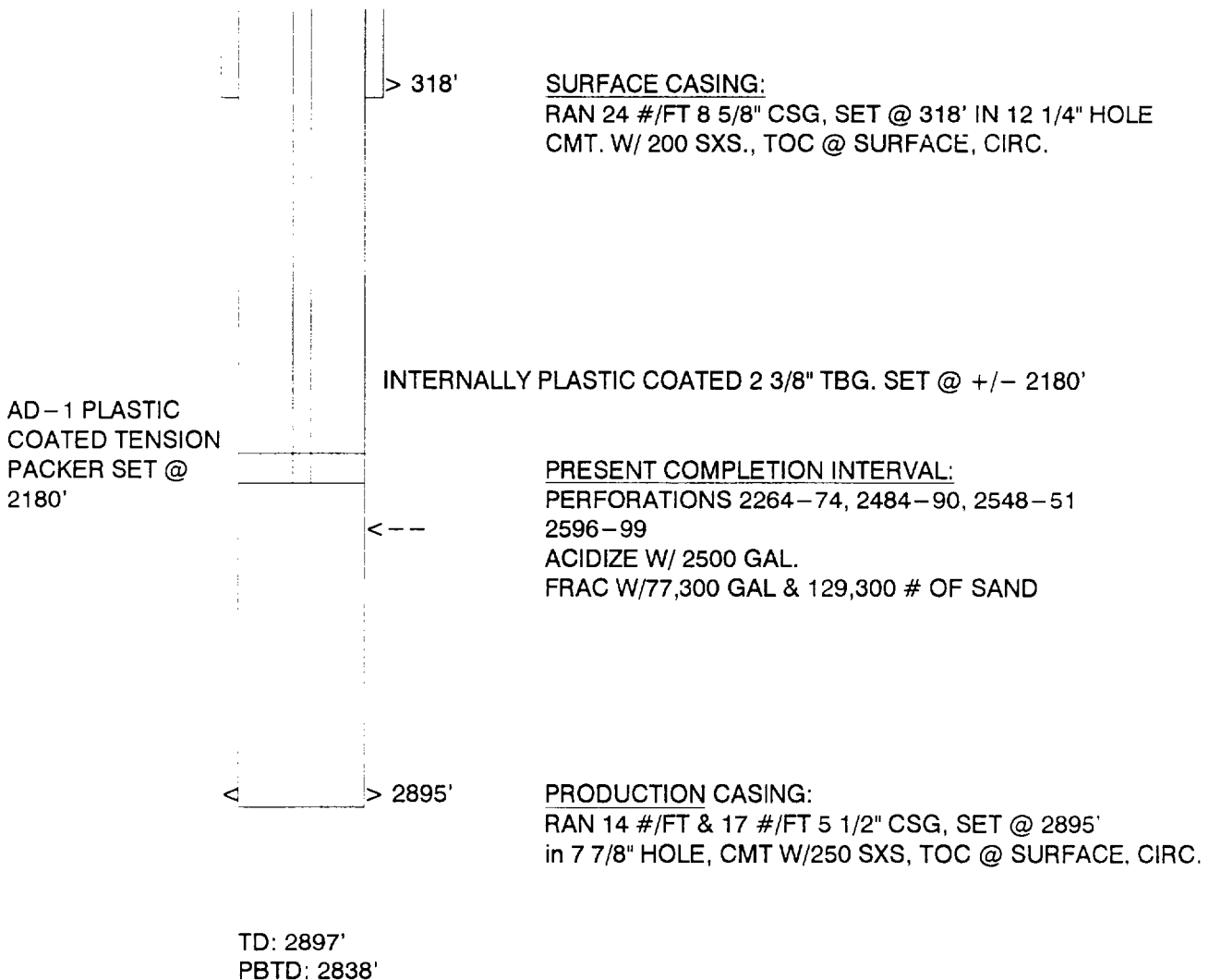
PROPOSED COMPLETION

WELL: CALMON STATE #3
FIELD: LOCO HILLS
INTERVAL: QN-GB-SA
COMP: 8/5/87
IP: 80 BOPD & 5 BWPD
SPUDDED: 5/27/87

LOCATION:
990' FSL & 990' FWL
SEC 16, T-18-S, R-29-E
EDDY COUNTY, NEW MEXICO

API #: 30-015-25754

ELEVATION: 3531' GL



[illegible]

CALMON C-108 ITEM VI

OPERATOR	CURRENT WELL NAME	API #	LOC'N	S-T-R	STATUS	SPUD DATE	COMP DATE	TD	PBTD	ZONE	CASING PROGRAM	TOC	COMP. INTERVAL	TREATMENT	IP
THUNDERBOLT PETROLEUM	CALMON STATE #1	25635	2310 FSL 990' FWL	SECTION 16 T-18-S, R-29-E	PROD.	7/24/86	8/26/86	3050'	3011'	QN-CB-SA	8 5/8" @ 358' W/ 300 SX 5 1/2" @ 3020' W/ 600 SX	SURF. SURF.	2265-2679	SWF 60 MGAL & 75.5 M#	80 BOPD 20 BWPD
THUNDERBOLT PETROLEUM	CALMON STATE #2	25693	1650' FSL 330' FWL	SECTION 16 T-18-S, R-29-E	PROD.	12/13/86	2/10/87	3045'	2960'	QN-CB-SA	8 5/8" @ 365' W/ 200 SX 5 1/2" @ 3023' W/ 700 SX	SURF. 750' CBL	2228-2558	SWF 35 MGAL & 45 M#	55 BOPD 1 BWPD
THUNDERBOLT PETROLEUM	CALMON STATE #3	25754	990' FSL 990' FWL	SECTION 16 T-18-S, R-29-E	PROD.	5/27/87	8/5/87	2897'	2838'	QN-CB-SA	8 5/8" @ 318' W/ 200 SX 5 1/2" @ 2895' W/ 250 SX	SURF. SURF.	2264-2599'	SWF 77.3 MGAL & 129.3 M#	80 BOPD 5 BWPD
THUNDERBOLT PETROLEUM	CALMON STATE #4	25770	1650' FSL 1650' FWL	SECTION 16 T-18-S, R-29-E	T & A	7/17/87	10/2/87	2880'	2836'	QN-CB-SA	8 5/8" @ 350' W/ 300 SX 5 1/2" @ 2880' W/ 850 SX	SURF. SURF.	2754-874'	SWF 30 MGAL & 50 M#	55 BOPD 3 BWPD
THUNDERBOLT PETROLEUM	CALMON STATE #5	25811	465' FSL 467' FWL	SECTION 16 T-18-S, R-29-E	PROD.	11/11/87	1/31/88	2833'	2784'	QN-CB-SA	8 5/8" @ 332' W/ 250 SX 5 1/2" @ 2833' W/ 375 SX	SURF. SURF.	2255-2677'	SWF 80.228 MGAL & 156 M#	80 BOPD 5 BWPD
THUNDERBOLT PETROLEUM	CALMON STATE #6	25889	467' FSL 550' FWL	SECTION 16 T-18-S, R-29-E	PROD.	4/13/88	6/13/88	2920'	NA	QN-CB-SA	8 5/8" @ 330' W/ 300 SX 5 1/2" @ 2920' W/ 625 SX	SURF. SURF.	2507-2620'	SWF 38 MGAL & 60 M#	80 BOPD 5 BWPD
TEXAS TRADING CO.	STATE #1	5759	1650' FNL 2310' FEL	SECTION 16 T-18-S, R-29-E	P&A	5/21/40	7/30/40	3604'	NA	QN-CB-SA	8 1/4" @ 316' W/ 50 SX 7" @ 2427' W/ 100 SX	176' CALC 677' CALC	2427-3604	400 QUARTS OF NITRO	13 BOPD
CHH OPERATING	EMPIRE 16 STATE COM #1	25086	1980' FNL 660' FWL	SECTION 16 T-18-S, R-29-E	PROD.	12/12/84	2/14/85	11,350'	11,289'	MORROW	13 3/8" @ 344' W/ 400 SX 8 5/8" @ 1099' W/ 1300 SX 5 1/2" @ 11350' W/ 1175' SX	SURF. CALC SURF. CALC 3786' CALC	10,986-11,032	NATURAL	4299 MCFPD
WEBB OIL CO.	AMOCO STATE #1	23584	660' FSL 1980' FEL	SECTION 16 T-18-S, R-29-E	PROD.	4/15/81	6/18/81	3400'	3260'	QN-CB-SA	8 5/8" @ 350' W/ 450 SX 4 1/2" @ 3400' W/ 880 SX	SURF. CALC SURF. CALC	2498-3192'	SWF 60 MGAL & 60 M#	15 BOPD 25 BWPD
ANADARKO PETROLEUM CO	FAR WEST LOCO HILLS SAND UNIT #24	3422	1650' FNL 2310' FWL	SECTION 16 T-18-S, R-29-E	P&A	11/17/39	1/8/40	2680'	NA	QN-CB-SA	8 1/4" @ 363' W/ 25 SX 7" @ 2393' W/ 50 SX	291' CALC 1518' CALC	2393-2680'	400 QUARTS OF NITRO	64 BOPD
ANADARKO PETROLEUM CO	STATE L-16	3423	660' FNL 660' FWL	SECTION 16 T-18-S, R-29-E	P&A	9/17/39	11/9/39	2626'	NA	QN-CB-SA	8 1/4" @ 393' W/ 50 SX 7" @ 2292' W/ 100 SX	249' CALC 542' CALC	2292-2626'	500 QUARTS OF NITRO	105 BOPD
GIP II ENERGY INC.	KEMPER STATE #1	3421	1650' FNL 990' FWL	SECTION 16 T-18-S, R-29-E	T & A	3/15/40	5/27/40	2661'	NA	QN-CB-SA	8 1/4" @ 354' W/ 125 SX 7" @ 2402' W/ 50 SX	SURF. CALC 1527' CALC	2402-2661'	470 QUARTS OF NITRO	68 BOPD
GIP II ENERGY INC.	TRAVIS D #18	22685	1980' FNL 660' FEL	SECTION 17 T-18-S, R-29-E	PROD.	1/23/79	3/2/79	2885'	2878'	GRBG	8 5/8" @ 376' W/ 275 SX 4 1/2" @ 2884' W/ 450 SX	SURF. CALC SURF. CALC	2440-2780'	SWF 75 MGAL & 89 M#	68 BOPD 50 BWPD
SABRE OPERATING CO.	EMPIRE 21-A FEDERAL #1	23776	660' FNL 1980' FWL	SECTION 21 T-18-S, R-29-E	PROD.	5/22/81	8/5/81	11408'	11165'	MORROW	11 3/4" @ 232' W/ 350 SX 8 5/8" @ 3210' W/ 1400 SX 4 1/2" @ 11408' W/ 670 SX	SURF. CALC SURF. CALC 8058' CALC	11070-139	NATURAL	1001 MCFPD
DENTON OIL CO	MALCO FED. #1	NA	330' FNL 1650' FWL	SECTION 21 T-18-S, R-29-E	D & A	8/13/55	9/24/55	2802'	NA	NA	8 5/8" @ 365' W/ 25 SX	295' CALC	NA	NA	N/A
WEBB OIL CO.	ARCO FEDERAL #1	24590	330' FNL 2310' FEL	SECTION 21 T-18-S, R-29-E	PROD.	9/9/83	1/2/84	3105'	3065'	QU-CB-SA	8 5/8" @ 360' W/ 350 SX 5 1/2" @ 3105' W/ 1275 SX	SURF. CALC SURF. CALC	1624-3012'	SWF 74.5 MGAL & 97 M#	42 BOPD 38 BWPD

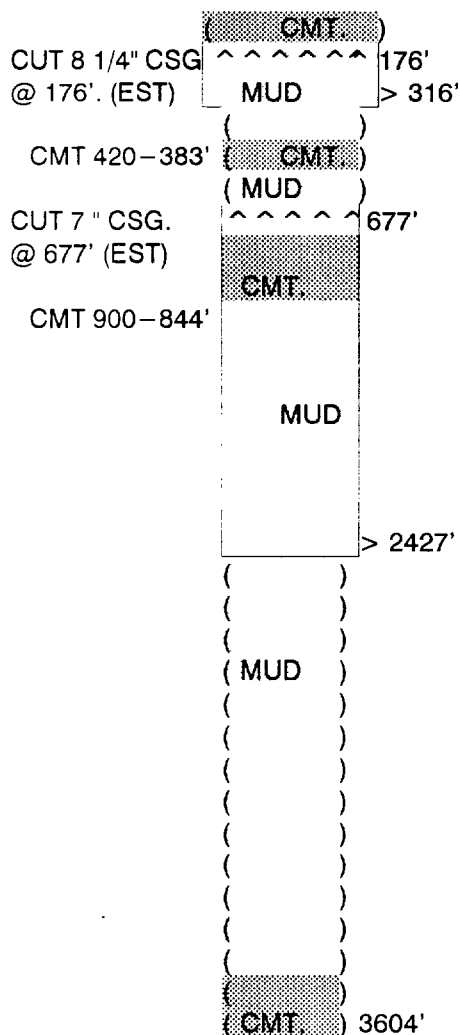
TEXAS TRADING COMPANY P & A WELLBORE DIAGRAM

WELL: STATE #1
FIELD: LOCO HILLS
INTERVAL: QN-GB-SA
COMP: 7/30/40
IP: 13 BOPD
SPUDDED: 5/21/40

LOCATION:
1650' FNL & 2310' FEL
SEC 16, T-18-S, R-29-E
EDDY COUNTY, NEW MEXICO

API #: 05759

ELEVATION: 3513' GL



SURFACE CASING:

RAN 8 1/4" CSG, SET @ 316'
CMT. W/ 50 SXS., TOC @ 176' (EST.)

COMPLETION INTERVAL:

OPENHOLE: 2427' - 2685'
SHOT W/ 400 QTS OF NITRO FROM 2545' - 2685

IN 1950 THE WELL WAS DEEPEMED TO 3301'
THE WELL WAS P & A'ED IN 6/51. THE PLUGGING
REPORT SHOWS THE TD= 3604'

PRODUCTION CASING:

RAN 7" CSG, SET @ 2427'.
CMT W/100 SXS, TOP OF CEMENT @ 677' EST.

OPENHOLE:

2427' TO 3604'

PLUGGED 6/51.

PLUGS:

PLUG #1 - 10 SXS. FROM 3604-3554' (EST.)
PLUG #2 - 10 SXS. 900'-844' (EST.)
PLUG #3 - 10 SXS. 420'-383' (EST.)
SURFACE PLUG - 5 SXS.

TD: 2686' ORIGINALLY. WELL WAS DEEPEMED TO 3301' IN 1950.
THE PLUGGING REPORT SHOWS THE TD @ 6/51 = 3604'

CALP&A1

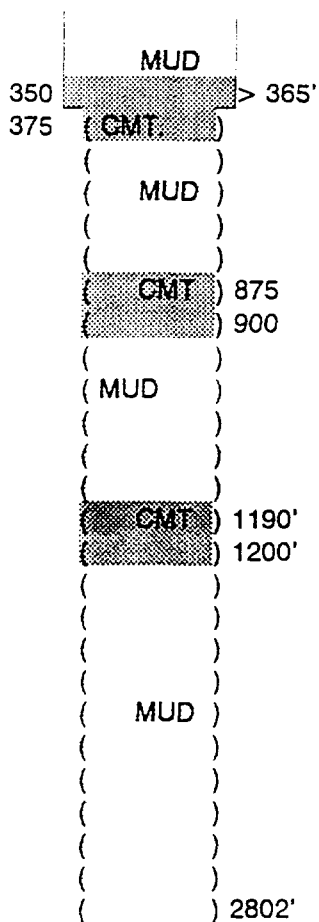
DENTON OIL CO. P & A WELLBORE DIAGRAM

WELL: MALCO FEDERAL #1
 FIELD: LOCO HILLS
 INTERVAL: D & A
 COMP: D & A'ED
 IP: NA
 SPUDDED: 8/13/55

LOCATION:
 330' FNL & 1650' FWL
 SEC 21, T-18-S, R-29-E
 EDDY COUNTY, NEW MEXICO

API #: NA

ELEVATION: 3525' GL



SURFACE CASING:

RAN 8 1/4" CSG, SET @ 365'
 CMT. W/ 25 SXS., TOC @ 295' (EST.)

PLUGGED 9/55

PLUGS:

PLUG #1 - 55 SXS. FROM 1200 - 1190'
 PLUG #2 - 125 SXS. FROM 900 - 875'
 PLUG #3 - 125 SXS. FROM 375 - 350'
 NO SURFACE MARKER SHOWN ON P & A REPORT

TD: 2802'.

CALP&A2

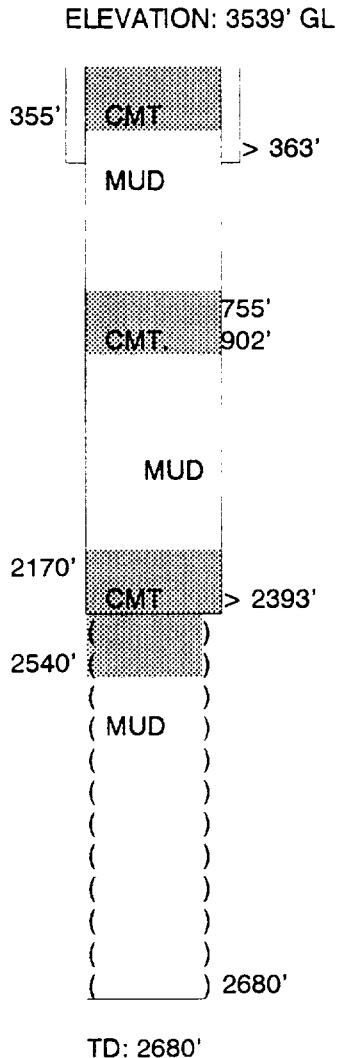
ANADARKO PRODUCTION COMPANY

P & A WELLBORE DIAGRAM

WELL: FAR WEST LOCO HILLS SAND UNIT #24
 FIELD: LOCO HILLS
 INTERVAL: QN-GB-SA
 COMP: 1/8/40
 IP: 64 BOPD
 SPUDDED: 11/17/39

LOCATION:
 1650' FNL & 2310' FWL
 SEC 16, T-18-S, R-29-E
 EDDY COUNTY, NEW MEXICO

 API #: 03422



SURFACE CASING:
 RAN 8 1/4" CSG, SET @ 363'
 CMT. W/ 25 SXS., TOC @ 291' (EST.)

COMPLETION INTERVAL:
 OPENHOLE: 2393' - 2680'
 SHOT W/ 400 QTS OF NITRO FROM 2525' - 2650'

PRODUCTION CASING:
 RAN 7" CSG, SET @ 2393'.
 CMT W/50 SXS, TOP OF CEMENT @ 1518' EST.

OPENHOLE:
 2393' TO 2680'

PLUGGED 5/83

PLUGS:
 PLUG #1 - 100 SXS. 2540'-2170'. TAGGED @ 2200'
 PLUG #2 - PERF SQZ HOLE @ 892. PUMP 48 SXS CMT.
 22 SXS OUTSIDE CSG. PLUG FROM 902' - 650'.
 TAGGED @ 755'.
 PLUG #3 - PERF SQZ HOLE @ 355'. PUMP 88 SXS CMT.
 20 SXS OUTSIDE CSG. PLUG FROM 355' - 0'.

CALP&A3

ANADARKO PRODUCTION COMPANY

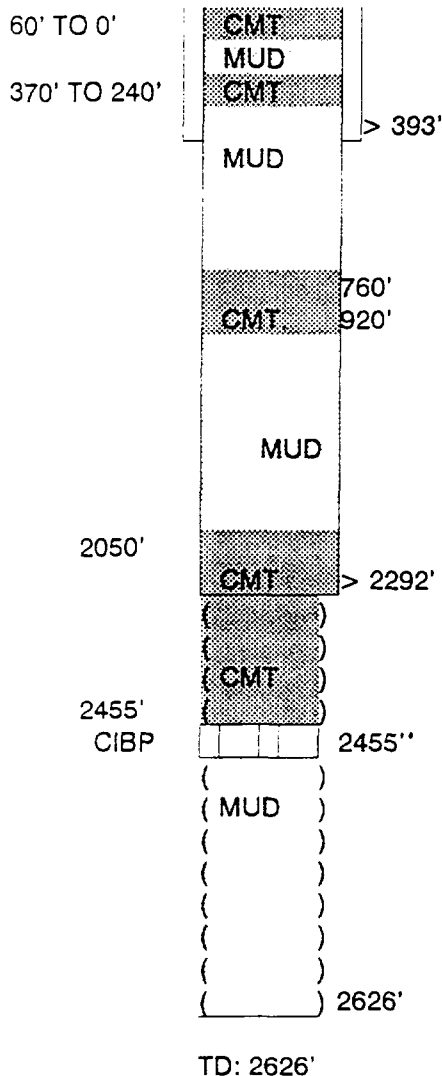
P & A WELLBORE DIAGRAM

WELL: STATE L-16
 FIELD: LOCO HILLS
 INTERVAL: QN-GB-SA
 COMP: 11/9/39
 IP: 105 BOPD
 SPUDDED: 9/17/39

LOCATION:
 660' FNL & 660' FWL
 SEC 16, T-18-S, R-29-E
 EDDY COUNTY, NEW MEXICO

 API #: 03423

ELEVATION: 3501' GL



SURFACE CASING:
 RAN 8 1/4" CSG, SET @ 393'
 CMT. W/ 50 SXS., TOC @ 249' (EST.)

COMPLETION INTERVAL:
 OPENHOLE: 2292' - 2626'
 SHOT W/ 500 QTS OF NITRO FROM 2452' - 2626'

PRODUCTION CASING:
 RAN 7" CSG, SET @ 2292'.
 CMT W/100 SXS, TOP OF CEMENT @ 542' EST.

OPENHOLE:
 2292' TO 2626'

PLUGGED 10/85

PLUGS:
 CIBP SET @ 2455
 PLUG #1 - 50 SXS. 2455-2087'. TAGGED @ 2050'
 PLUG #2 - PERF SQZ HOLES @ 920. PUMP 50 SXS.
 PLUG FROM 920' - 760'. 25 SXS OUTSIDE CSG.
 TAGGED @ 760'.
 PLUG #3 - PERF SQZ HOLES @ 370. PUMP 50 SXS.
 PLUG FROM 370 - 240'. 25 SXS OUTSIDE CSG.
 SURFACE PLUG AT 60' TO 0'

CALP&A4

CALMON STATE Nos.1 & 3

CONVERT TO INJECTION

NMOCD Form C-108 Sections VII thru XII

VII. Data on proposed operation.

1. Proposed average injection rate: 150 BWPD per well
Proposed maximum injection rate: 300 BWPD per well
2. The system will be a closed system.
3. Proposed average injection pressure: 300 PSI
Proposed maximum injection pressure: 450 PSI
4. The proposed injection fluid is produced water from this lease and the Yates Petroleum operated West Loco Hills Unit, located about three miles to the east. The attached water analysis indicates these waters have a moderate scaling tendency. It is planned to treat the waters and prevent scale from forming.
5. A chemical analysis of the formation water in the proposed injection horizon is attached.

VIII. The proposed injection interval is located in the Qn-Grbg-SA Sand formation. This Permian age horizon is nearly 4500' thick in this area. The top of the Queen formation is at a depth of about 2000' with the base of the San Andres at a depth of about 6500'.

There are no fresh water wells within one mile of the proposed injection wells. The nearest water well is nearly 1 1/2 miles away in Section 10 TWP-18-S, RNG-29-E. This well produces water from a depth of 245'. The chlorides for the water from this well is about 2500 ppm.

- IX. No additional zones are anticipated to be opened at this time.
- X. Logs have previously been submitted to the OCD.
- XI. There are no fresh water wells of record within one mile of the proposed injection well.
- XII. An examination of this area has determined there are no open faults or other hydrologic connection between the disposal zone and any underground drinking water.

Cochran Chemical Company, Inc.

DE-EMULSIFIERS • WATERFLOOD CHEMICALS • PARAFFIN SOLVENTS • SCALE REMOVER & INHIBITORS

P. O. DRAWER 1341

PHONE (405) 257-2825

CCC, INC.
P.O. Box 5421
MIDLAND, TEXAS 79704
(915) 682-7860

WEWOKA, OKLAHOMA
74884

September 3, 1999

Mr. Robert Lee
Thunderbolt Petroleum
P.O. Box 10523
Midland, TX 79702

Re: Compatibility Test - Calmon Lse.
Yates Lse.

Dear Robert,

The following are my test results on the two waters:

- No. 1 Produced water - taken from Calmon lease 8/31/99.
No. 2 Produced water - taken from Yates lease 8/31/99.

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2
Specific Gravity at 60° F	1.1178	1.0475
pH When Sampled	-	-
pH When Received	6.92	7.46
Bicarbonate as HCO ₃	329	1074
Supersaturation as CaCO ₃	20	100
Undersaturation as CaCO ₃	-	-
Total Hardness as CaCO ₃	28000	9900
Calcium as Ca	7600	2120
Magnesium as Mg	2187	1118
Sodium and/or Potassium	52651	20582
Sulfate as SO ₄	1920	5478
Chloride as Cl	99427	34089
Iron as Fe	5.4	6.2
Barium as Ba		
Total Solids, Calculated	164114	64461
Temperature °F.	-	-
Carbon Dioxide, Calculated	69	56
Dissolved Oxygen,	-	-
Hydrogen Sulfide	11.0	318
Resistivity, ohms/m at 77° F.	0.065	0.134
Filtrable solids as mg/l		
Volume Filtered, ml		
Calcium Carbonate Scaling Tendency	None	None
Calcium Sulfate Scaling Tendency	Mild	Moderate

Results Reported As Milligrams Per Liter

Affidavit of Publication

NO. 16698

STATE OF NEW MEXICO

County of Eddy:

Gary Scott being duly

sworn, says: That he is the Publisher of The

Artesia Daily Press, a daily newspaper of general

circulation, published in English at Artesia, said county

and county and state, and that the here to attached

Legal Notice

was published in a regular and entire issue of the said

Artesia Daily Press, a daily newspaper duly qualified

for that purpose within the meaning of Chapter 167 of

the 1937 Session Laws of the state of New Mexico for

1 consecutive weeks/days on the same

day as follows:

First Publication August 25 1999

Second Publication

Third Publication

Fourth Publication

Subscribed and sworn to before me this

25th day of August 1999

Barbara Ann Beans
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1999

Copy of Publication:

LEGAL NOTICE

This is to advise all parties concerned. Thunderbolt Petroleum, LLC intends to convert the following wells to salt water injection wells for the purpose of waterflooding the Calmon Lease located in the SW/4 Section 16, Section 16, T-18-S, R-29-E, Eddy County, New Mexico: Calmon State #1 2310' FSL & 990' FWL Section 16, T-18-S, R-29-E Eddy County, New Mexico Calmon State #3 990' FSL & 990' FWL Section 16, T-18-S, R-29-E Eddy County, New Mexico The formation to be injected into is the Qn-Grbg-SA at a depth of 2260' to 2700'. The maximum expected injection rate is 150 BWPD per well at a maximum injection pressure of 450 psi. Questions can be addressed to: Thunderbolt Petroleum, LLC P.O. Box 10523 Midland, Texas 79702 Attention: Mr. Robert Lee Phone #(915) 682-1251 Interested parties must file objections or requests for hearing within 15 days of this notice to the: Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87504-2088 Published in the Artesia Daily Press, Artesia, N.M. August 25, 1999.

Legal 16698