



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

December 12, 1997

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 383-8181

Prime Operating Company
3300 North A Street
Building One, Suite 238
Midland, Texas 79705

Re: Possh (SWD) #2-F. Sec. 36, T24S, R36E

Gentlemen:

In a conversation with Candy on this date, we were advised of your request to postpone the injection profile on the above referenced salt water disposal well, as required by Division Order SWD 647.

You are granted an extension, with the operation to be conducted on or before January 15, 1998.

If the procedure has not been completed, confirming satisfactory results, by that date, you are to shut in the well until the operation has been conducted and approved.

We request 24 hours notice prior to the procedure in order to witness the operation.

Very truly yours

OIL CONSERVATION DIVISION

Chris Williams
Supervisor, District I

CW:bp

cc: David Catanach
Gary W. Wink
File

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

647

Operator: PRIME OPERATING Well: POSSH No. 2 SWD

Contact: CANDY Title: ENG. TECH. Phone: 915-682-5600

DATE IN 10-30-96 RELEASE DATE 11-14-96 DATE OUT 11-21-96

Proposed Injection Application is for: WATERFLOOD Expansion Initial

Original Order: R- Secondary Recovery Pressure Maintenance

SENSITIVE AREAS

X **SALT WATER DISPOSAL** Commercial Well

WIPP YES Capitan Reef Other

Data is complete for proposed well(s) YES Additional Data Req'd

*AS PER PAUL KAVITZ - MUCH DEEPER WOULD BE INTO THE REEF. I RECOMMENDED INITIAL INT. PROFILE AFTER STABILIZATION + AT ONE YEAR, DETERMINE AREA of REVIEW WELLS FROM THERE IF ADDITIONAL YEARS OF PROFILES WOULD BE NECESSARY.

19 Total # of AOR

4 # of Plugged Wells

YES Tabulation Complete

YES Schematics of P & A's

NO Cement Tops Adequate

NO AOR Repair Required

INJECTION FORMATION

Injection Formation(s) QUEEN

Source of Water or Injectate AREA PRODUCTION Compatible Analysis YES

PROOF of NOTICE

YES Copy of Legal Notice

YES Information Printed Correctly

YES Correct Operators

YES Copies of Certified Mail Receipts

NO Objection Received

Set to Hearing Date

NOTES:

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact: X Telephoned

Letter 10-21-96 Date

Nature of Discussion VEERAL APPROV + LEGAL RIGHTS

2nd Contact: Telephoned

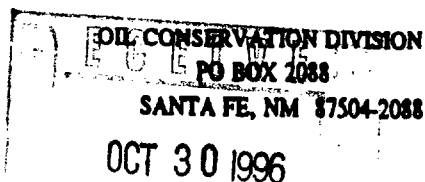
Letter Date

Nature of Discussion

3rd Contact: Telephoned

Letter Date

Nature of Discussion



APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance ☒ Disposal Storage
Application qualifies for administrative approval? Yes No
- II. OPERATOR: Prime Operating Company
ADDRESS: 3300 North A Street, Suite 238, Midland, Texas 79705
CONTACT PARTY: Earl Levea (Ms.) CANDY PHONE: 915/682-5600
- III. WELL DATA: Complete the data required on the reverse side of this form for each well processed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project: Yes ☒ No
If yes, give the Division order number authorizing the project _____
- 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. (Exhibit V-1,V-2)
- 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. (Table VI and well data sheets)
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected; 2000 BWPD Avg, 3000 BWPD Max
 2. Whether the system is open or closed; Closed System
 3. Proposed average and maximum injection pressure; 600 # Avg, 1750 # Max
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and (See Exhibit VII-4)
 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.). Proposed to inject into the Queen Formation which is productive of oil and gas.
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological 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. (Exhibit VIII)
- IX. Describe the proposed stimulation program, if any. None is planned.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted.) This well is currently producing 100% salt water. Logs have been Filed with the New Mexico Oil Conservation Division.
- * 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. There are no fresh water wells within one mile of the proposed disposal well.
- 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 source of drinking water. After Careful Examination of all geologic data I found no Evidence of Faulting or other Hydrologic Connection between the disposal zone and any underground source of potable 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: Earl W. Levea TITLE: District Mgr.
SIGNATURE: Earl W. Levea DATE: 10/27/96
- * 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 circumstance of the earlier submittal. _____

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 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, PO Box 2088, Santa Fe, NM 87504-2088 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.

INJECTION WELL DATA SHEET

Slide

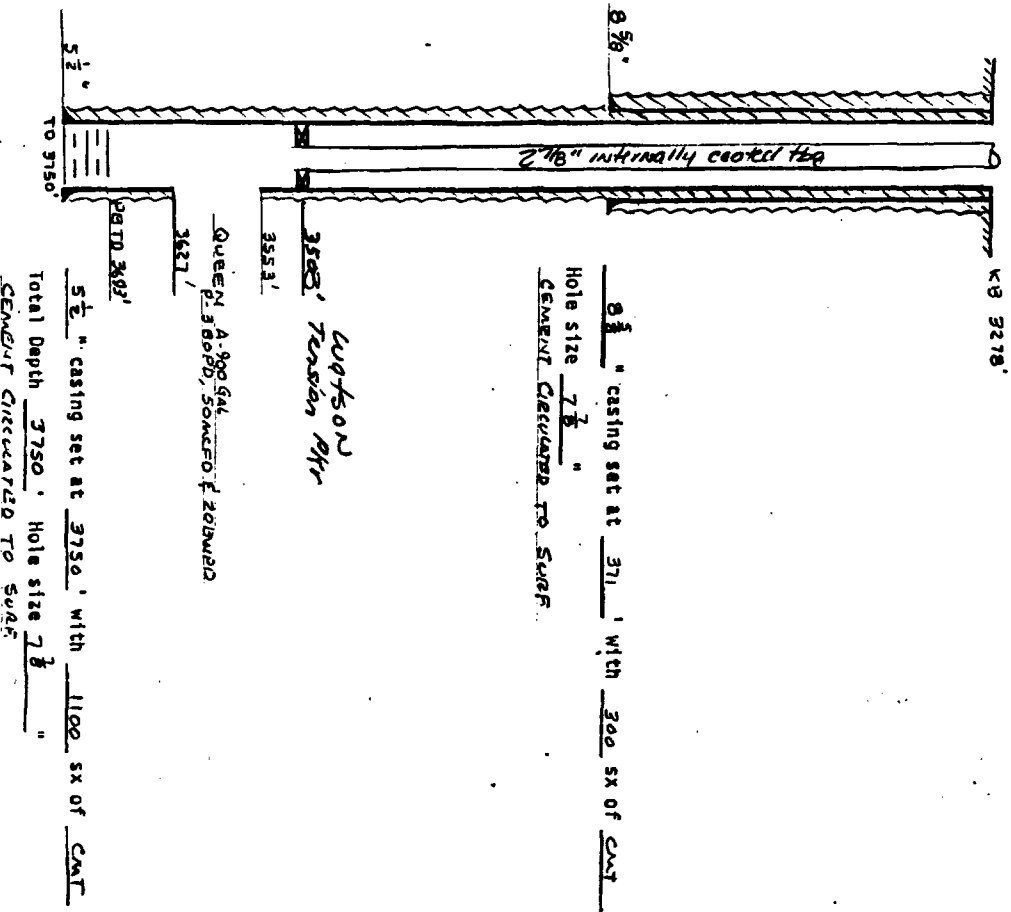
OPERATOR PRIME OPERATING COMPANY LEASE ROSS #2

WELL NO. 1650 FNL & 1650 FNL FOOTAGE LOCATION 36- T-24-J R-36E LEA Co. NVA

SECTION 36- TOWNSHIP T-24-J RANGE R-36E

Well Construction Data

SIBD DATE: 8.25.80



Surface Casing

Size 8 5/8" @ 371' Cemented with 300 SX SX.

TOC CIRCULATED feet determined by circulated 100 SX to P.Y.

Hole Size 12 1/4"

Intermediate Casing

Size - Cemented with - SX.

TOC - feet determined by -

Hole Size -

Long String

Size 5 1/2" @ 3750' Cemented with 1100 SX.

TOC CIRCULATED feet determined by circulated 150 SX to P.Y.

Hole Size 7 7/8"

Total Depth 3750'

Injection Interval 3553' - 3627' feet to 3627' feet (perforated or open hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size 2 7/8" @ 36.41' lined with Plastic Coating set in a
 packer at 3503 feet
 (Type of internal coating)

Other type of tubing / casing used if applicable -

Other Data

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

If no, for what purpose was the well originally drilled? Production of oil & Gas

2. Name of the injection formation QUEEN - Perforated 3553 - 3627'

3. Name of Field or Pool (if applicable) LAKEVIEW - MATTIX

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. NO

5. Give the names and depths of any over or underlying oil or gas zones (pools) in the area.

Above: YATES from 2770' - 3010' and Seven Rivers from
3010' - 3530'

Below: Devonian 9840-9900' and Ellenburger 12600-12850'

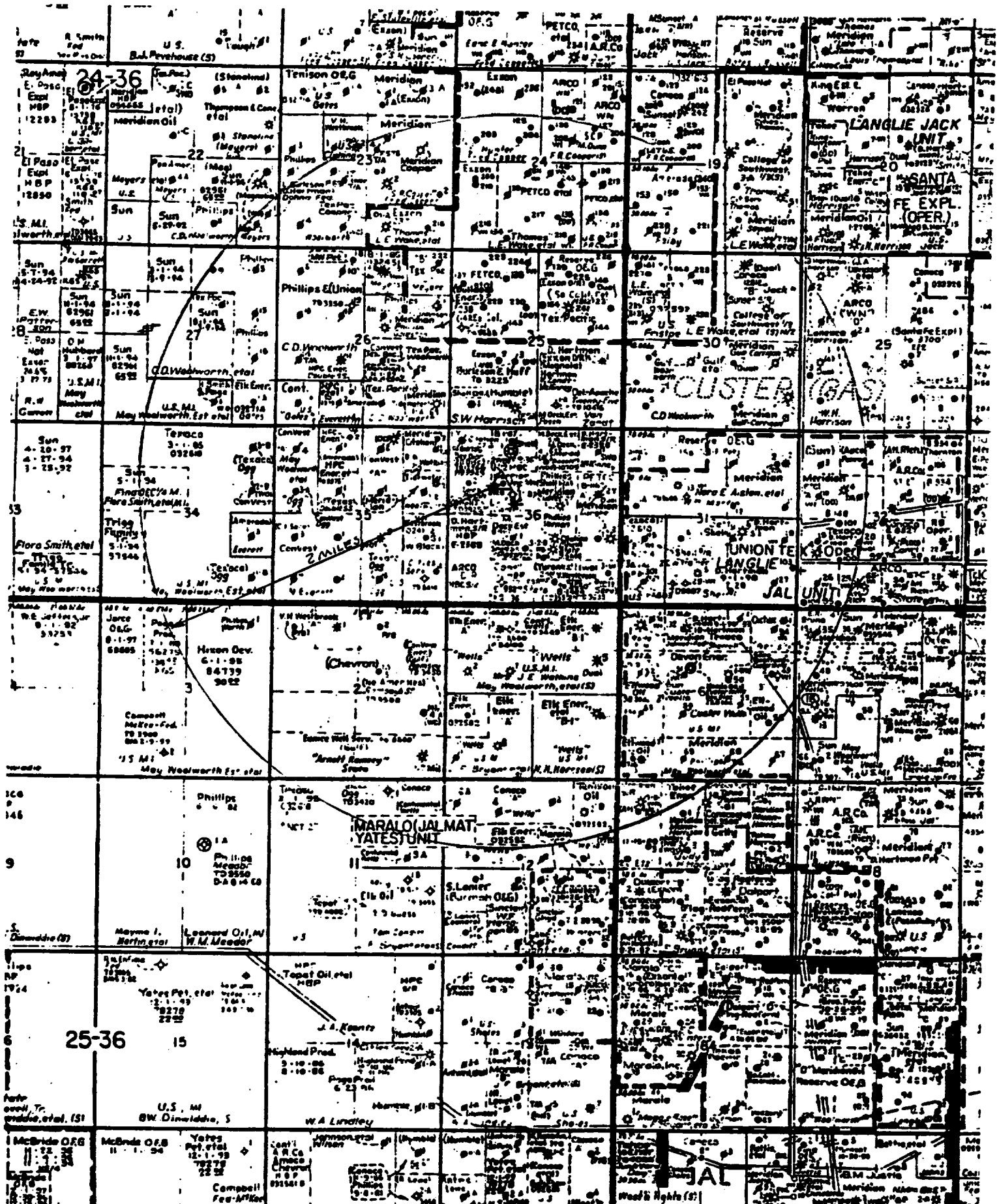
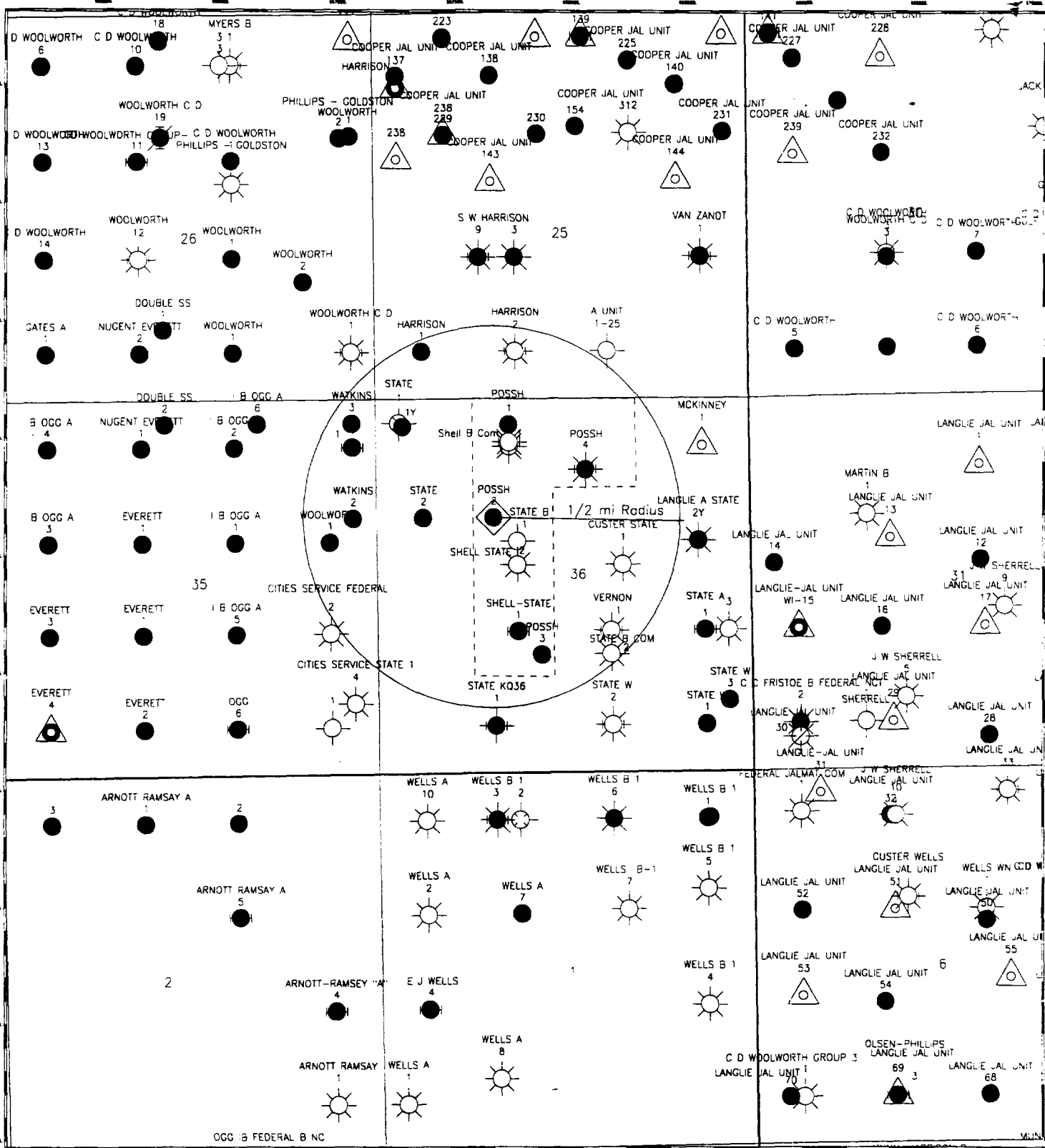


EXHIBIT V-1

WELLS AND LEASES WITHIN TWO MILES
OF PROPOSED SWD WELL

POSSH WELL NO. 2
LANGLIE MAT. 7 RYRS-Q - GRAYBURG
SEC 36F, 24S, 36E



Scale 1:24000.

EXHIBIT V-2b

PrimeEnergy Management Corporation

Lea County, New Mexico
Possh 2 SWD Proposal
Possh Lease Outlined

HALSEY

10/14/96

Scale 1:24000.

LEGEND

- Producing Oil Well
- ⊙ Producing Gas Well
- ◇ Dry and Abandoned Well
- △ Injection Well
- Recompleted Oil Well
- ⊙ Oil and Gas Producer
- ◇ Proposed Queen SWD Well

TABLE VI
List of Wells Within 1/2 Mile Radius
by Location

Operator	Well Name	Location	Status	Total Depth	Remarks
Burleson	Harrison No. 1	660' FSL & 660' FWL 25M, 24S, 36E	ACT	3572	
Burleson	Harrison No. 2	660' FSL & 1980' FWL 25N, 24S, 36E	ACT	3620	
Meridian	Watkins No.3	330' FNL & 330' FEL 35A, 24S, 36E	ACT	3150	Queen not Reached
Olsen Oils	Watkins No.1	660' FNL & 330' FEL 35A, 24S, 36E	P&A'd	3475	
Tidewater	Woolworth No. 1	1980' FNL & 660' FEL 35H, 24S, 36E	P&A'd	3476	Queen not Reached
Meridian	Watkins No. 2	1650' FNL & 330' FEL 35H, 24S, 36E	INA	2978	Queen not Reached
Prime Operating	Possh #4 (Shell State #3)	660' FNL & 2310' FEL 36B, 24S, 36E	ACT	3675	
Citation Oil & Gas	State "B" Com No. 1	660' FNL & 1880' FWL 36C, 24S, 36E	ACT	12966	
Prime Operating	Possh #1 (shell State #4)	360' FNL & 1880' FWL 36C, 24S, 36E	ACT	4232	
Citation	State No. 1-Y	380' FNL & 380' FWL 36D, 24S, 36E	INA	2942	Queen not Reached
Shell	State No. 1	330' FNL & 330' FWL 36D, 24S, 36E	DRY	2653	Queen not Reached
Citation	State No. 2	1650' FNL & 660' FWL 36E, 24S, 36E	ACT	2870	Queen not Reached
Millard Deck Estate	Shell State #2	2310' FNL & 1980' FWL 36F, 24S, 36E	P&A'd	3430	Queen not Reached
Shell	State "B" No. 2	1980' FNL & 1980' FWL 36F, 24S, 36E	P&A'd	3825	
Meridian Oil	Custer State No. 1	2310' FNL & 1800' FEL 36G, 24S, 36E	ACT	3425	Queen not Reached
Phillips Pet.	Vernon No. 1	1980' FSL & 1980' FEL 36I, 24S, 36E	P&A'd	3508	
Citation	State "B" Com #2	1650' FSL & 1980' FWL 36J, 24S, 36E	ACT	12950	
Millard Deck Estate	Shell State No. 1	1980' FSL & 1980' FWL 36K, 24S, 36E	P&A'd	3440	Queen not Reached
Prime Operating	Possh #3	1650' FSL & 2310' FWL 36K, 24S, 36E	ACT	3810	

WELL DATA SHEET

Side

BURLESON

OPERATOR

(ARTEC GAS SYSTEMS, INC.)

LEASE

HARRISON

Active

WELL NO.

660 FSC #660 FMY

SEC 25-N

T-24-S

R36E

LEA CO. WVA

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Schematic

Well Construction Data

SPUD DATE 9.17.35

Surface Casing

Size 13 3/8" @ 294'

Cemented with 200

SK

TOC CALCULATED

Test determined by CALCULATED

Hole Size 17 1/2"

Intermediate Casing

Size 9 5/8" @ 2674'

Cemented with 870

SK

TOC 1567'

Test determined by CALCULATED

Hole Size 12 1/2"

TOC CALCULATED USING 20% HOLE WASH-OUT

Lena String

Size 7" @ 3355'

Cemented with 125

SK

TOC 3113'

Test determined by CALCULATED

Hole Size 11"

TOC CALCULATED USING 20% HOLE WASH-OUT

Total Depth 3572' PB 3430'

Interval

OPEN HOLE

3355' Test to 3430'

Test A-2000 GAC

(Spontaneous or open-hole; indicate which)

DEPTH

TOC

3572'

3113'

3355'

3430'

3572'

3572'

WELL DATA SHEET

Side

OPERATOR

LEWIS B. BURESON

LEASE

HARRISON #12

Active

WELL NO.

660 FSL # 1980 FWT

SEC 25-N

T-24-S

R-36-E

LEA County, N.M.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Schematic

Well Construction Data

Spud Date: 2.1.78

Surface Casing

Size 8 7/8" @ 1165' Cemented with 550 SK.

TOC CIRCULATED feet determined by CALCULATED

Hole Size 11" TOC CALCULATED ASSUMING

Intermediate Casing

A 20% HOLE WASHOUT

Size — Cemented with — SK.

TOC — feet determined by —

Hole Size —

Land String

Size 4 1/2" @ 3620' Cemented with 300 SK SK.

TOC 2590' feet determined by —

Hole Size 7 3/8" TOC CALCULATED ASSUMING A 20%

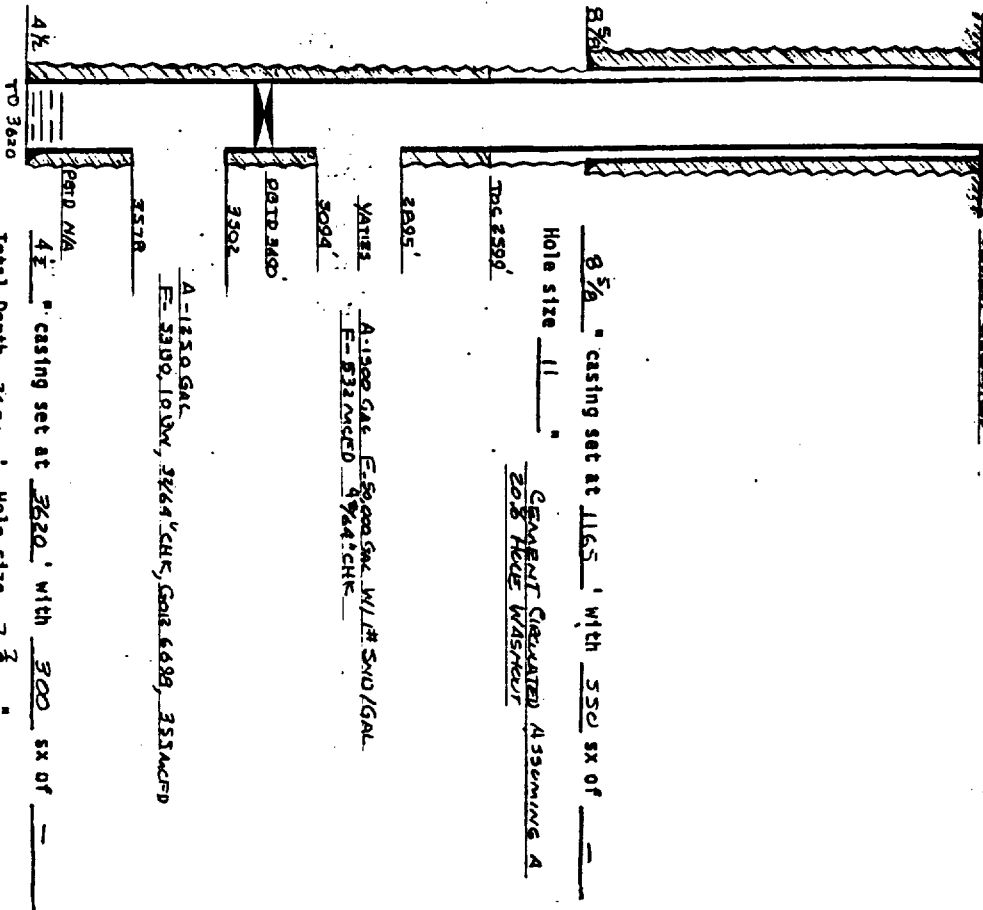
HOLE WASHOUT.

Total Depth 3620'

Interval

FEET 2895' feet to 3094' feet

(perforated or open-hole; indicate which)



WELL DATA SHEET

Side

MERIDIAN

OPERATOR

(Sun Exploration and Production)

LEASE MATIKINS

Active

WELL NO.

3 330' ENL & 330' EEL

FOOTAGE LOCATION

SEC 35-A T-24-S R-36-E LEA COUNTY, NEW MEXICO

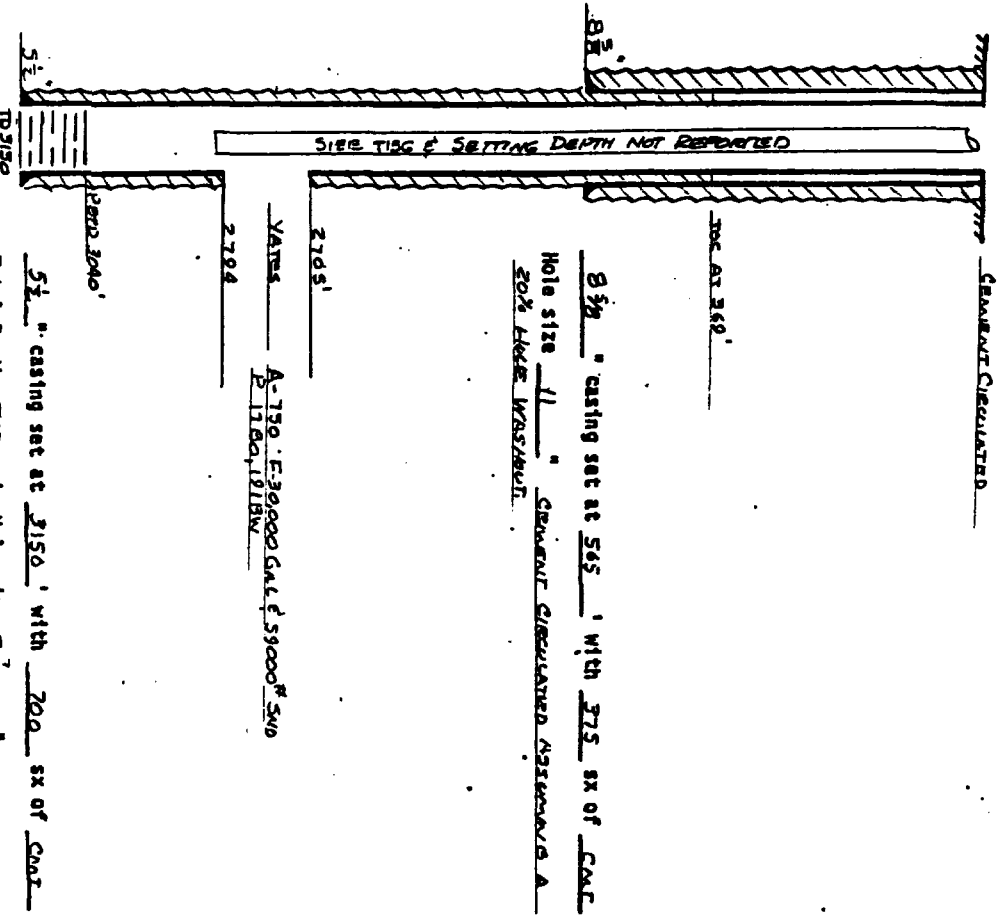
SECTION

TOWNSHIP

RANGE

Schematic

Well Construction Data
SPRD DATE: 11.10.82



Surface Casing

Size 8 5/8" @ 565' Cemented with 375 SK.

TOC CIRCULATED feet determined by CALCULATED

Hole Size 11"

Intermediate Casing

Size NONE Cemented with - SK.

TOC - feet determined by -

Hole Size -

Land Status

Size 5 1/2" @ 3150' Cemented with 700 SK.

TOC 369' feet determined by CALCULATED

Hole Size 7 7/8"

Total Depth 3150

Interval

PERFORATED feet to 2794' feet

(perforated or open hole; indicate which)

TOC CALCULATED AT 3201 ASSUMING A

WELL DATA SHEET

OPERATOR OCEAN OILS

LEASE WATKINS

WELL NO. 1 6605N E 330 E E

FOOTAGE LOCATION

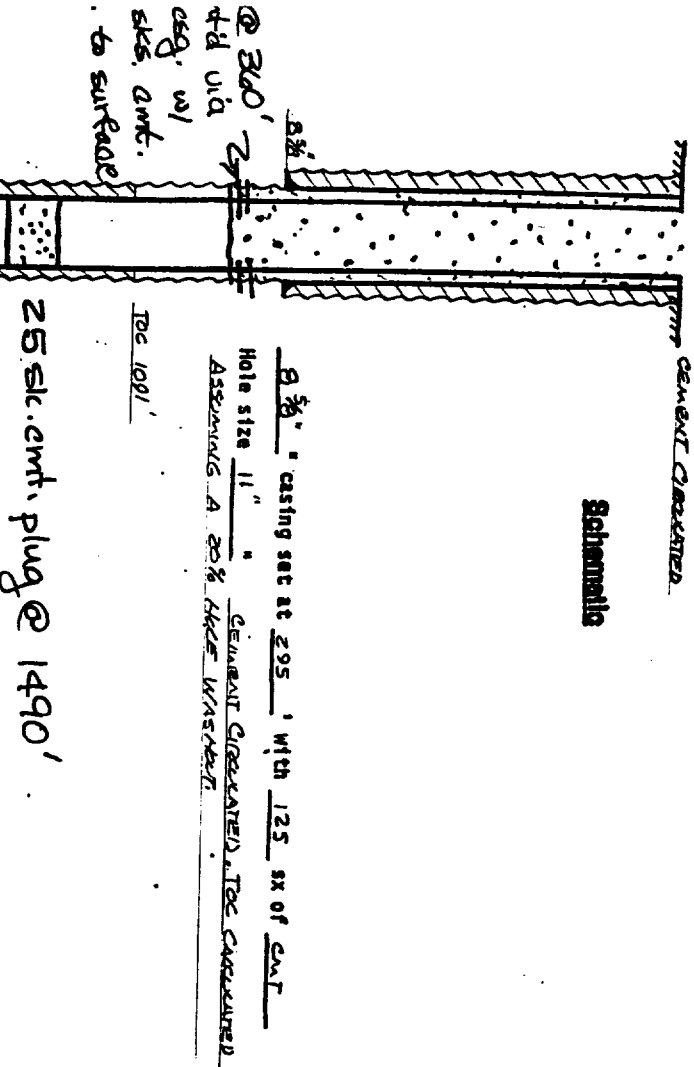
SEC 35-4, T-24-S, R-36-E, LEA CO. NEBRASKA

SECTION

TOWNSHIP

RANGE

Schematic



Well Construction Data
SPUD DATE: 4.7.51

Surface Casing

Size 8 5/8 @ 295' Cemented with 125 SK.

TOC CALCULATED feet determined by CALCULATED

Hole Size 11"

Intermediate Casing

Size NOBLE Cemented with - SK.

TOC - feet determined by -

Hole Size -

Land String

Size 5 1/2 @ 2665' Cemented with 600 SK.

TOC 1091' feet determined by CALCULATED

Hole Size 7 3/8"

Total Depth 3475' PG 2900'

Interval

OPEN HOLE 2665' feet to 2900' feet

(perforated or open-hole; indicate which)

5 1/2" casing set at 2665' with 600' SK OF CMT
PART 2900'
Total Depth 3475' Hole size 7 3/8" TOC 1091'
CALCULATED ASSUMING A 20% HOLE WASHOUT
OPEN HOLE 2665'-2800' SHOT 2725'-2800' W/ 3/4" NITRO
FLOW (200 LBS) 1/4" CMC FIP 900' SP 900'
BTD 2900'
OPEN HOLE 2665'-3475' A-1500 GNL, F-2500 LBS 950W,
PG TO 2900'

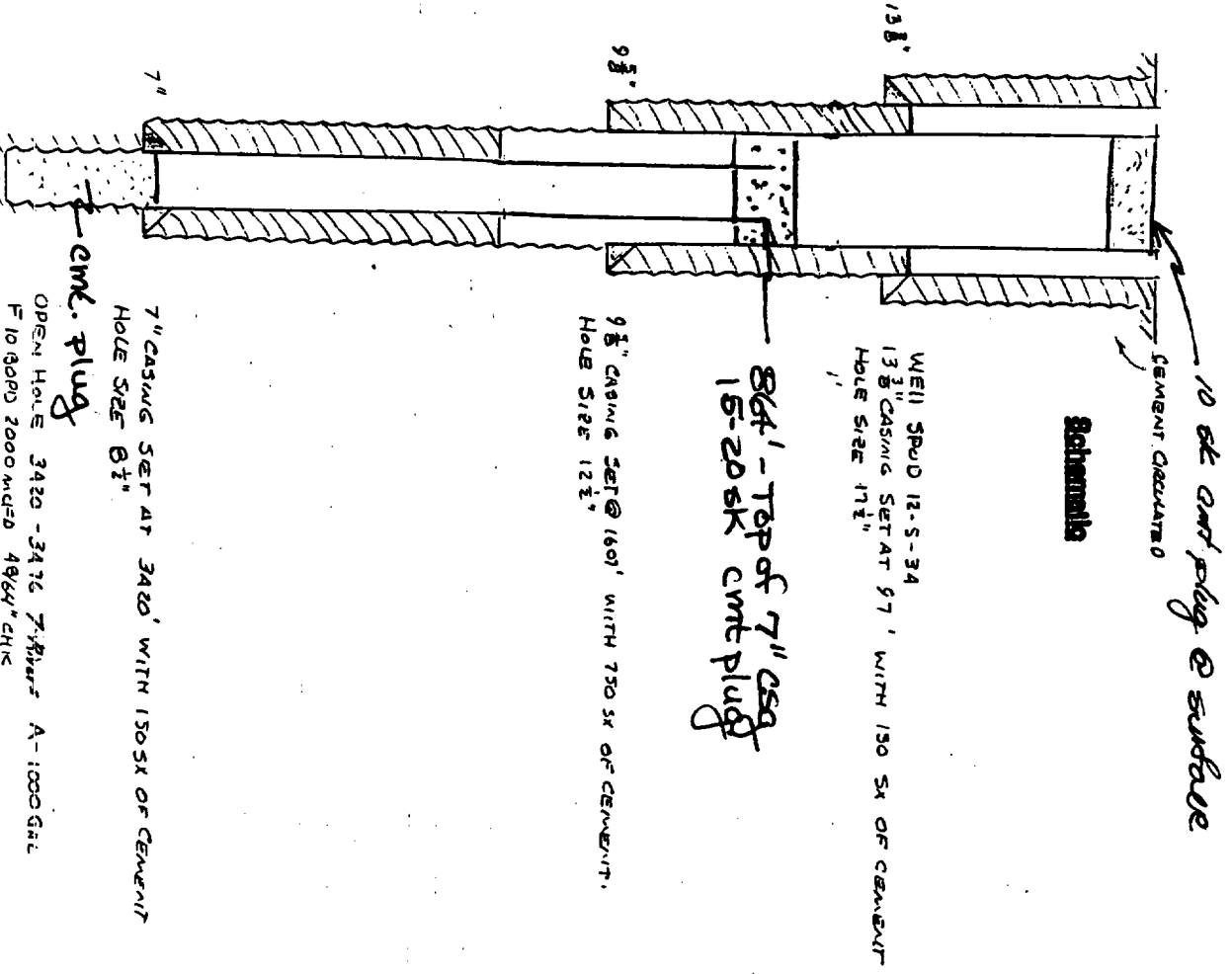
WELL DATA SHEET

OPERATOR TIDEWATER OIL LEASE WOOLWORTH PRND

WELL NO. 1 1980' ENCL 660' ECL FOOTAGE LOCATION SEC 35 H. T-24-S. 12-36-E, LEACOUNTY, NEW MEXICO

SECTION 12-36-E TOWNSHIP 12-36-E RANGE 12-36-E

Schematic



Well Construction Data

Spud DATE: 12.5.34

Surface Casing

Size 13 3/8" @ 97' Cemented with 150 SK SK.

TOC CIRCULATED feet determined by PSA record

Hole Size 17 1/2"

Intermediate Casing

Size 9 5/8" @ 1607' Cemented with 750 SK.

TOC 1/2" side surface feet determined by PSA record

Hole Size 12 1/2"

Land Sizing

Size 7" @ 3420' Cemented with 150 SK.

TOC UNKNOWN feet determined by

Hole Size 8 1/2"

Total Depth 3476 (T-Rivers)

Interval

OPEN HOLE 3420' feet to 3476 feet 1000 GAC At 10

(perforated or open hole; indicate which)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent 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 casing shut-offs, results of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor Regulations of the Commission need not be signed and sworn to before a notary public. 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 SHOOTING OR CHEMICAL TREATMENT OF WELL	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	
REPORT ON RESULT OF PLUGGING OF WELL	X
REPORT ON REPAIRING WELL	
REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON DEEPENING WELL	

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico.

Gentlemen:

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
N. M. P. M. 36
Field, _____
County, _____
The dates of this work were as follows: 9/25/40

Notice of intention to do the work was (XXXXXX) submitted on Form C-102 on 8/2/40 and approved the proposed plan was (XXXXXX) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well was plugged to above all perforations in casing with cement. The 7" OD casing was shot off and pulled at 2:30 PM. The first plug of cement was at this depth and at the top of the hole with heavy mud between, using 25-sacks in all. We were unable to pull the 5" OD casing as we got stuck 11 in hole and could not get a shot down. We were unable to pull the 1" intermediate string as it was set at 1606' w/1000-sacks cement, the surface casing was cemented to surface and were unable to pull. Location is leveled, and regulation marker erected. Actual footage that was recovered on the 7" OD casing was 864' (29-joints) E. L. Layman Foreman Tide Water Assoc Oil Company.

I hereby swear or affirm that the information given above is true and correct.
Name _____
Position _____
Representing _____
Address _____
My Commission expires November 22, 1941.
Subscribed and sworn to before me this 25 day of September 1940.
Notary Public _____

Remarks: OIR & I-98 Conservation Commission
1-98 Houston, Prod Dept.
1-98 Tulsa, O.R.A. Prod Dept.
1-98 Midland Texas, Prod Dept.

OIL & GAS INSPECTOR
Name _____
This _____

Address _____
Representing _____
Position _____
Name _____
I hereby swear or affirm that the information given above is true and correct.

WELL DATA SHEET

Meridian

OPERATOR

(TEXAS PACIFIC OIL)

LEASE WATKINS

WELL NO.

2

1650' ENCLOSURE 330' FEEL

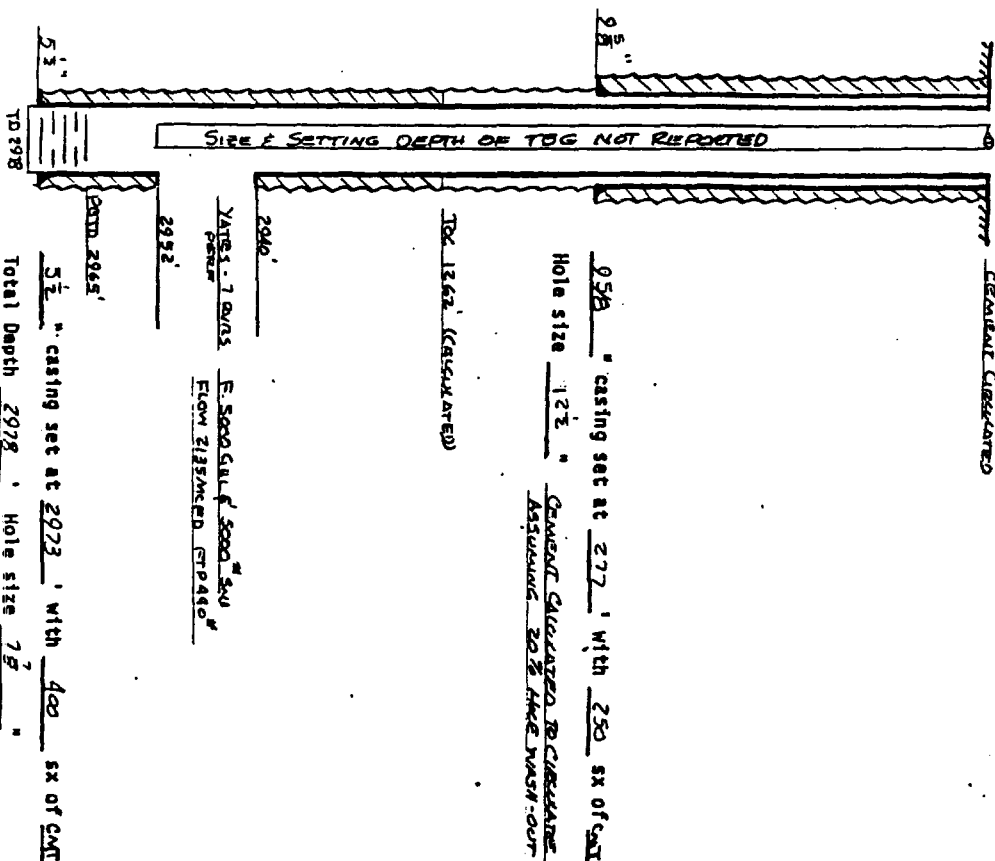
FOOTAGE LOCATION

SEC 35-4 T.24-S (2.36-E) LEA Co. NEW MEXICO
SECTION TOWNSHIP RANGE

Schematic

Well Construction Data

SPUD DATE: 8.2.58



Surface Casing	
Size <u>9 5/8" @ 277</u>	Cemented with <u>250</u> SK.
TOC <u>CIRCULATED</u>	feet determined by <u>CALCULATED</u>
Hole Size <u>12 1/2'</u>	
Intermediate Casing	
Size <u>—</u>	Cemented with <u>—</u> SK.
TOC <u>—</u>	feet determined by <u>—</u>
Hole Size <u>—</u>	
Long String	
Size <u>5 1/2" @ 2973</u>	Cemented with <u>400</u> SK.
TOC <u>1262</u>	feet determined by <u>CALCULATED</u>
Hole Size <u>7 5/8"</u>	
Total Depth <u>2978</u>	
Interval	
<u>2978</u> feet to <u>2952</u> feet	
(perforated or open-hole; indicate which)	

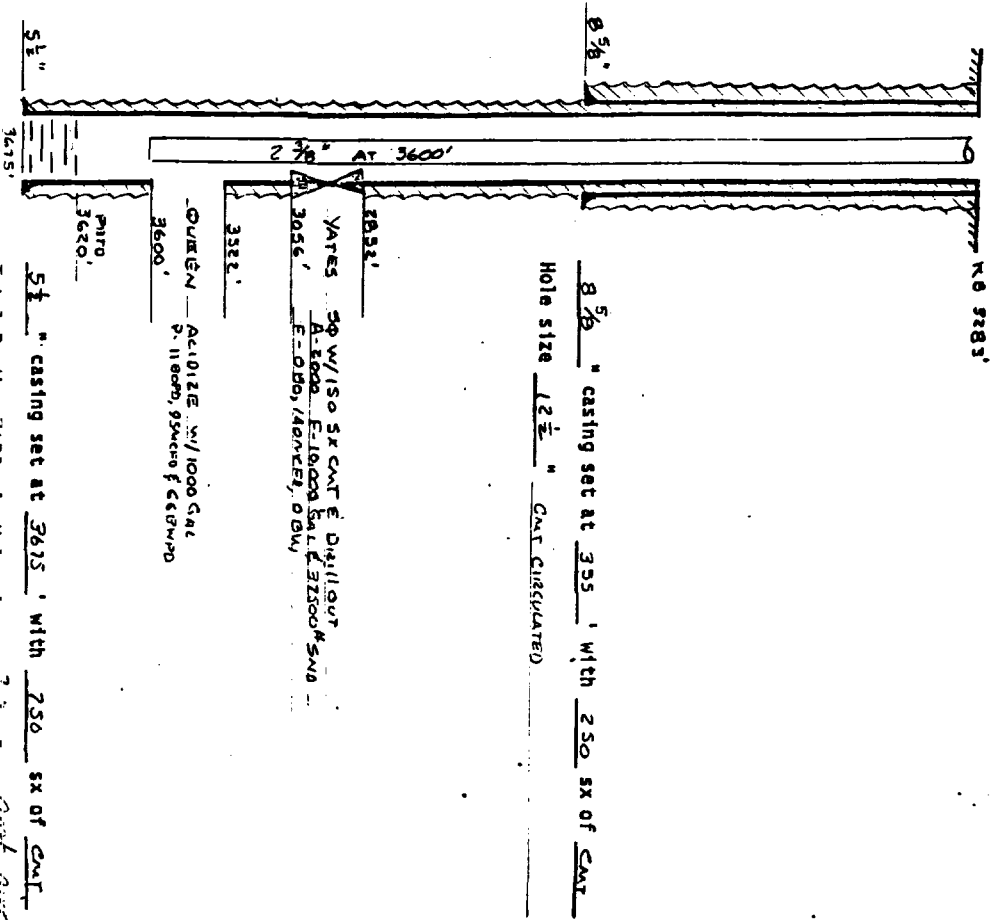
WELL DATA SHEET

SLK

OPERATOR PRIME OPERATING CO. LEASE ROSS #4 (FORMERLY SHELL-STATE #3)
 WELL NO. 660 FNL & 2310 FEE FOOTAGE LOCATION 36-13, T-24-S, R 36E, LEA Co. NM
 SECTION 36-13 TOWNSHIP 24-S RANGE 36E

Schematic

Well Construction Data
 SPUD DATE: 4.2.81



Surface Casing

Size 8 5/8" @ 355' Cemented with 250 circ 215X to P.H. SK.

TOC C112C feet determined by —

Hole Size 12 1/2"

Intermediate Casing

Size — Cemented with — SK.

TOC — feet determined by —

Hole Size —

Long String

Size 5 1/2" @ 3675' Cemented with 750 circ 50 SX to P.H. SK.

TOC C112C feet determined by —

Hole Size 7 7/8"

Total Depth 3675'

Interval

DEAF, 3522' feet to 3600' feet

(perforated or open-hole; indicate which)

WELL DATA SHEET

Side

OPERATOR

CITATION OIL & GAS CORPORATION

LEASE

STATE "B" CON. NO. 1

WELL NO.

660' EN & 1800' FWL

SEC. 36-C

FOOTAGE LOCATION

SECTION

T-24-S, R-36E, LEA CO., NM

TOWNSHIP

RANGE

Bathmetals

Well Construction Data

SRVD. DATE: 11-26-60

Surface Casing

Size 13 3/8" @ 1207' Cemented with 800 Records 8x

TOC CALCULATED feet determined by

Hole Size 17 1/2"

Intermediate Casing

Size 9 5/8" @ 4072' Cemented with 1500 Records 8x

TOC CALCULATED feet determined by

Hole Size 12 1/4"

Land Subso

Size 5 1/2" @ 12,949' Cemented with 610 Records 8x

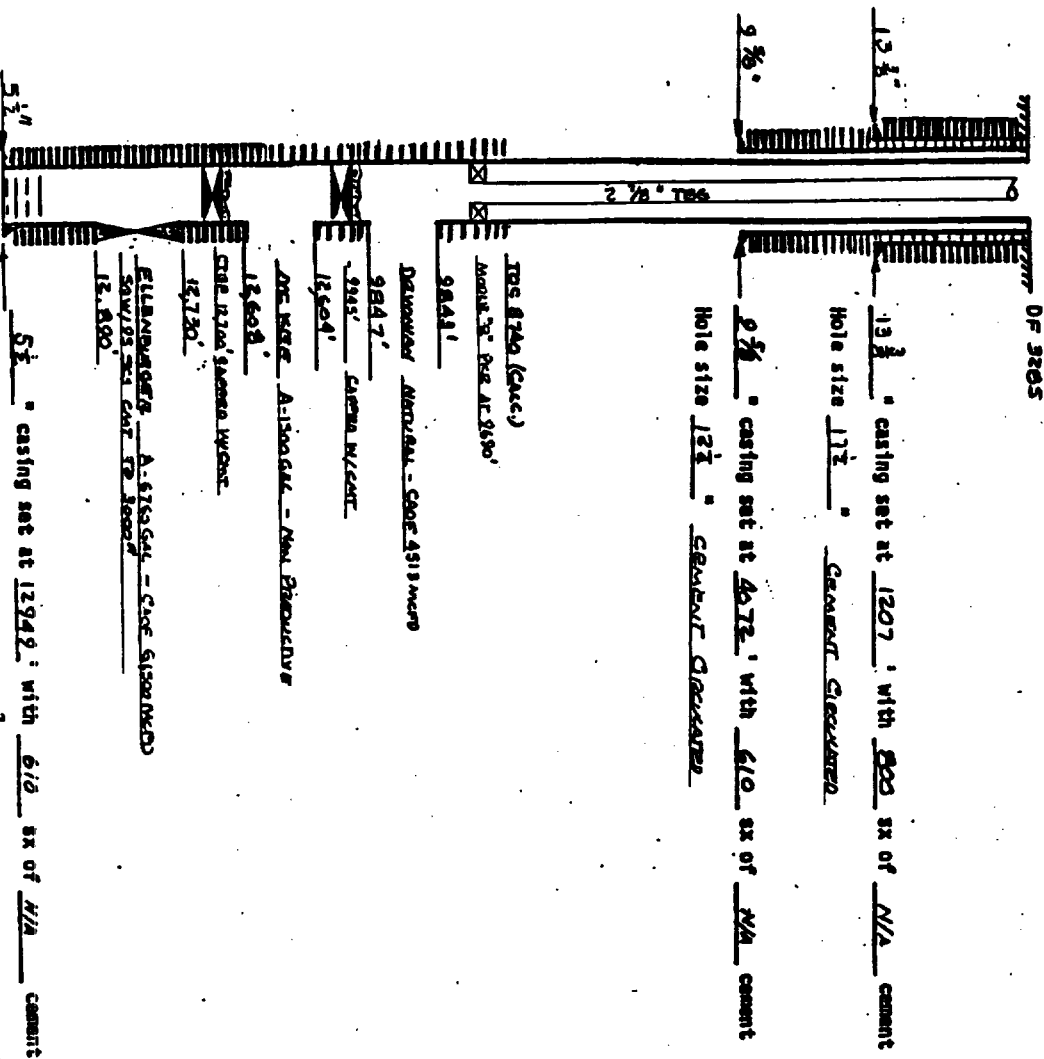
TOC 8740 feet determined by CALCULATED

Hole Size 7 7/8"

Total Depth 12,966'

Interval

PERF 9843' feet to 9847' feet
(perforated or open hole; indicate which)



WELL DATA SHEET

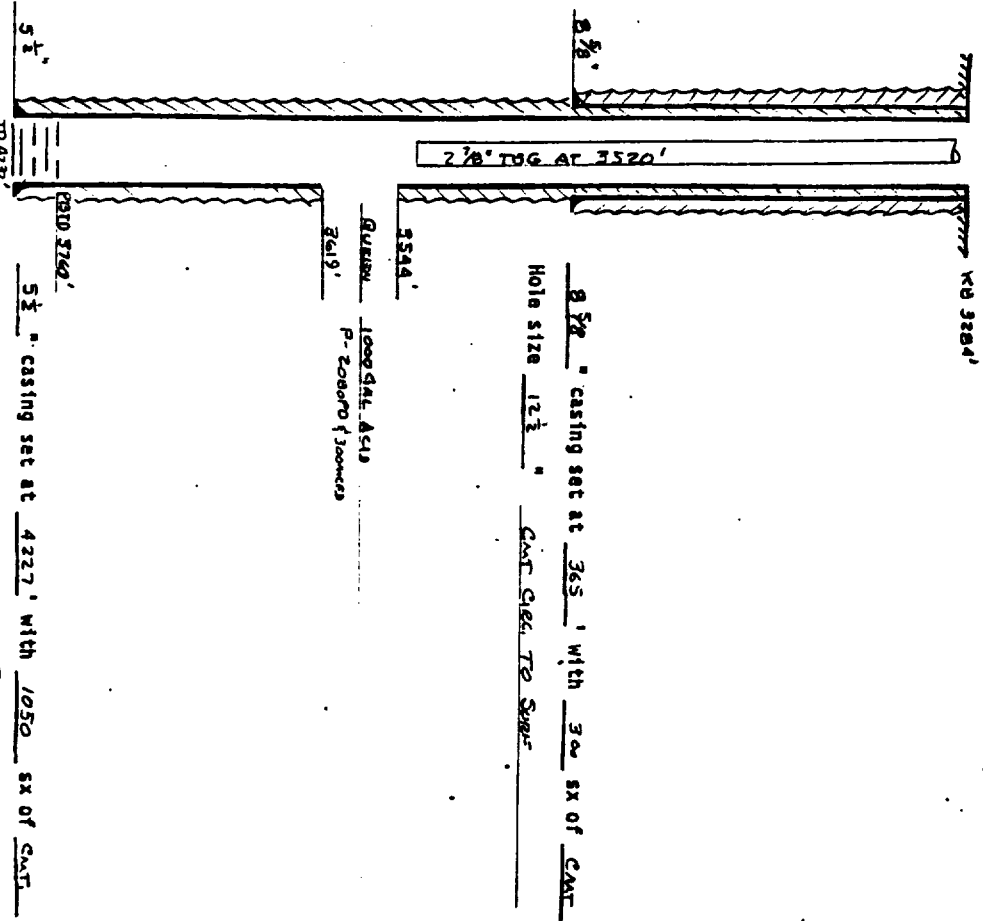
Site

OPERATOR PRIME OPERATING Co LEASE POSSY #1 (FORMERLY STEEL STATE #4)

WELL NO. 360' ENL 1880' FWE SECTION SEC 36-C TOWNSHIP T-24-S RANGE R-36-E LEA Co. N.M.

Schematic

Well Construction Data
SEED DATE: 4.16.82



Surface Casing
Size 8 5/8" @ 365' Cemented with 300 SX
TOC CIRC TO SURF feet determined by Circ. 25 sks to pit
Hole Size 12 1/8"

Intermediate Casing
Size 300 SX Cemented with 300 SX
TOC CIRC TO SURF feet determined by Circ. 25 sks to pit
Hole Size 12 1/8"

Land String
Size 5 1/2" @ 4227' Cemented with 1050 SX
TOC CIRC TO SURF feet determined by Circ. 25 sks to pit
Hole Size 7 7/8"
Total Depth 4232'

Interval (QUEEN)
PERC 3544' feet to 3619' feet
(perforated or open hole; indicate which)

WELL DATA SHEET

Side 1

OPERATOR CITATION OIL & GAS CORPORATION LEASE STATE (T3A'd)
 WELL NO. 1-Y 380' EN & 380' F.W.L. SECTION 36-D, T-24-S, R-36-E, LEA Co., NM
 FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Well Construction Data
 SRUD DATE: 11.25.53

13 3/8" casing set at 73' with 60 SX of cement
 Hole size 17 1/2" CEMENT CALCULATED (CALCULATED)

8 5/8" casing set at 1195' with 750 SX of cement
 Hole size 12 1/2" CEMENT CALCULATED (CALCULATED) USING 20% HOLE WASHOUT
 TOC 1750' CALCULATED
 USING 20% HOLE WASHOUT

5 1/2" casing set at 2635' with 300 SX of cement
 Total depth 2942' Hole size 7 7/8"
 eibp @ 2600' with 35' cement on top

PBTD: 2725
 NATURAL IF 350 MCFD FTR 120 B/D

Surface Casing

Size 13 3/8 @ 73' Cemented with 60 SX

TOC CIRCULATED test determined by CALCULATED

Hole Size 17 1/2" CEMENT CALCULATED

Intermediate Casing

Size 8 5/8 @ 1195' Cemented with 750 SX

TOC CIRCULATED test determined by CALCULATED

Hole Size 12 1/2" TOC CALCULATED USING 20% HOLE WASHOUT

Land Status

Size 5 1/2" @ 2635' Cemented with 300 SX

TOC 1750' test determined by CALCULATED

Hole Size 7 7/8" TOC CALCULATED USING 20% HOLE WASHOUT

Total Depth 2942' PBTD: 2725

Interval

OPEN HOLE - ORIGINAL
 2696' FEET TO 2942' FEET - NATURAL
 (perforated or open hole; indicate which)
 OPEN HOLE - FINAL

P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

3. Indicate type of Lease: ☒ Sale ☐ Fee

7. Unit Agreement Name

ד' תשנ"ח

THEY CAN'T

[illegible]

1-800-451-1234

ABANDONED

110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

LHM 03/1073: DUB 315

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#33 MOU 51 1121

COG - 1 ADN

WELL DATA SHEET

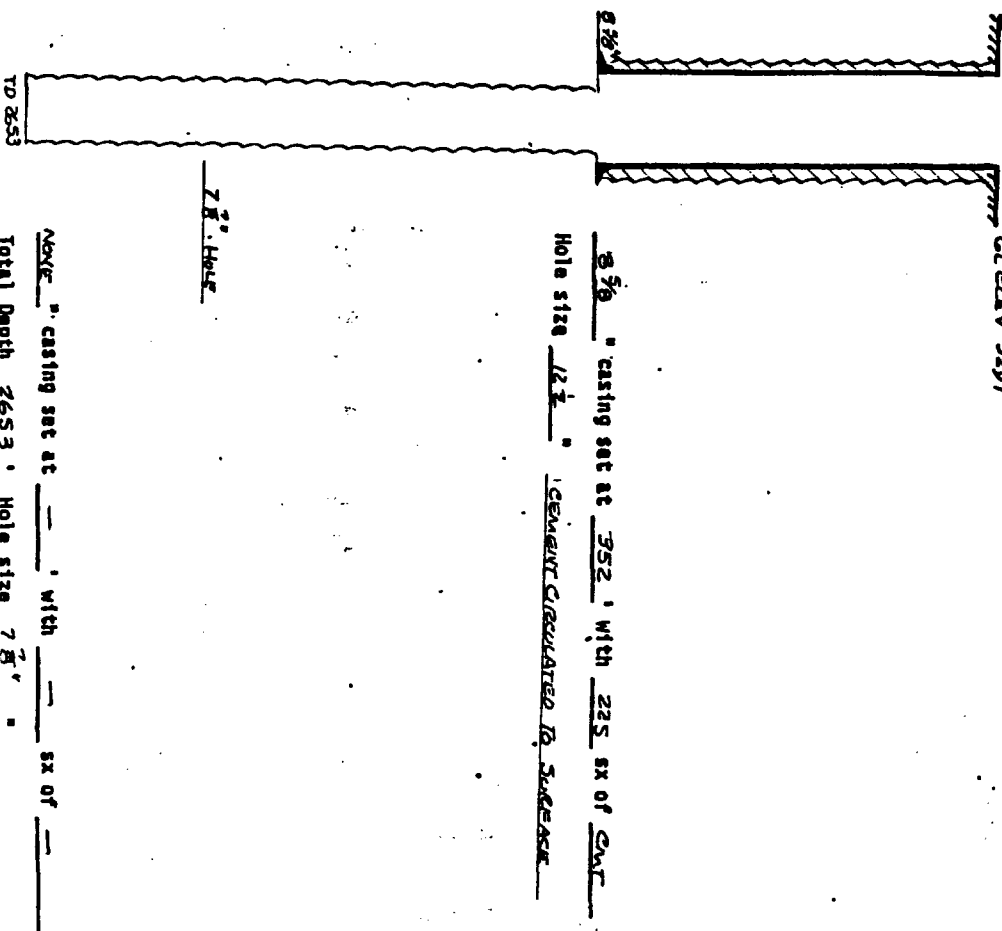
Side

OPERATOR Shell LEASE STATE DRY

WELL NO. 1 330'FN & 330'FWL FOOTAGE LOCATION 36-D SECTION T-24-S TOWNSHIP R-36-E RANGE

Schematic

CL ELEV 3291



Well Construction Data

SERIAL DATE: 1.8.53

Surface Casing

Size 8 5/8 @ 352' Cemented with 225 SK.

TOC CIRCULATED feet determined by CALCULATED

Hole Size 12 1/2 TOC CALCULATED ASSUMING A

Intermediate Casing

20% HOLE WASH OUT

Size NONE Cemented with — SK.

TOC — feet determined by —

Hole Size —

Long String

Size NONE Cemented with — SK.

TOC — feet determined by —

Hole Size 7 7/8

Total Depth 2653

WELL CEMENT OUT AND WAS TURNED & ABANDONED

(perforated or open hole; indicate which) feet to feet

Notes: casing set at — with — SK of —
Total Depth 2653 Hole size 7 7/8
WELL CEMENT OUT AT 2653' & BURNED RIG REMOVED
IN 1955 ON HIND THIS INFORMATION

WELL DATA SHEET

Side

OPERATOR

Citation
FORMERLY: SHELL OIL CO.

LEASE STATE NO. 2

Act.

WELL NO. 2

1650 EN & 440 EN
FOOTAGE LOCATION

36 E, T-24-S, R-36-E, Lea Co., NM
SECTION TOWNSHIP RANGE

Schematics

Well Construction Data
SPUD DATE: 5.17.75

12 1/2 " casing set at 112 ' with 100 sx of — cement
Hole size 17 1/2 " CMT CIRCULATED

8 3/8 " casing set at 1200 ' with 650 sx of — cement
Hole size 12 1/2 " CMT CIRCULATED USING A 20% HOLE WASHOUT

TOC 1935'
2705'
2764'
A-1500 GAL FRAC 20,000 GAL W/1 1/2" 2ND LGAL PERFS 2705-2764.
P-9700, 0.0W, 229 MCF. LARIE INCORPORATED PERFS TO
2764-2772 FOLLOWING 6 OH ATTEMPT. NO TEST RESULTS

4 1/2 " casing set at 2800 ' with 150 sx of — cement
Total depth 2870 ' Hole size 7 7/8 "
TOC CALCULATED AT 1935'
USING A 20% HOLE WASHOUT

Surface Casing

Size 13 3/8 @ 112 ' Cemented with 100 Records sx.
TOC CIRC feet determined by —

Hole Size 17 1/2 " CMT CIRCULATED

Intermediate Casing

Size 8 3/8 @ 1200 ' Cemented with 650 sx.
TOC CIRCULATED feet determined by CALCULATION

Hole Size 12 1/2 " TOC CALCULATED USING 20% HOLE WASHOUT

Long String

Size 4 1/2 @ 2800 ' Cemented with 150 sx.
TOC 1935 ' feet determined by CALCULATED

Hole Size 7 7/8 " TOC CALCULATED USING 20% HOLE WASHOUT

Total Depth 2870 '

Inject Interval

PERF= 2705' feet to 2764' A-1500 GAL FRAC 20,000 GAL W/1 1/2" 2ND LGAL PERFS 2705-2764.
(perforated or open hole, indicate which) P-9700, 0.0W, 229 MCF

WELL DATA SHEET

OPERATOR MILLARD DECK ESTATE

LEASE SHELL STATE #2

(P.B.H. 1)

WELL NO. 2310' ENCL & 1980' ENCL

FOOTAGE LOCATION

SECTION 36-F T-24-S R-36-E LEA Co., N.M.

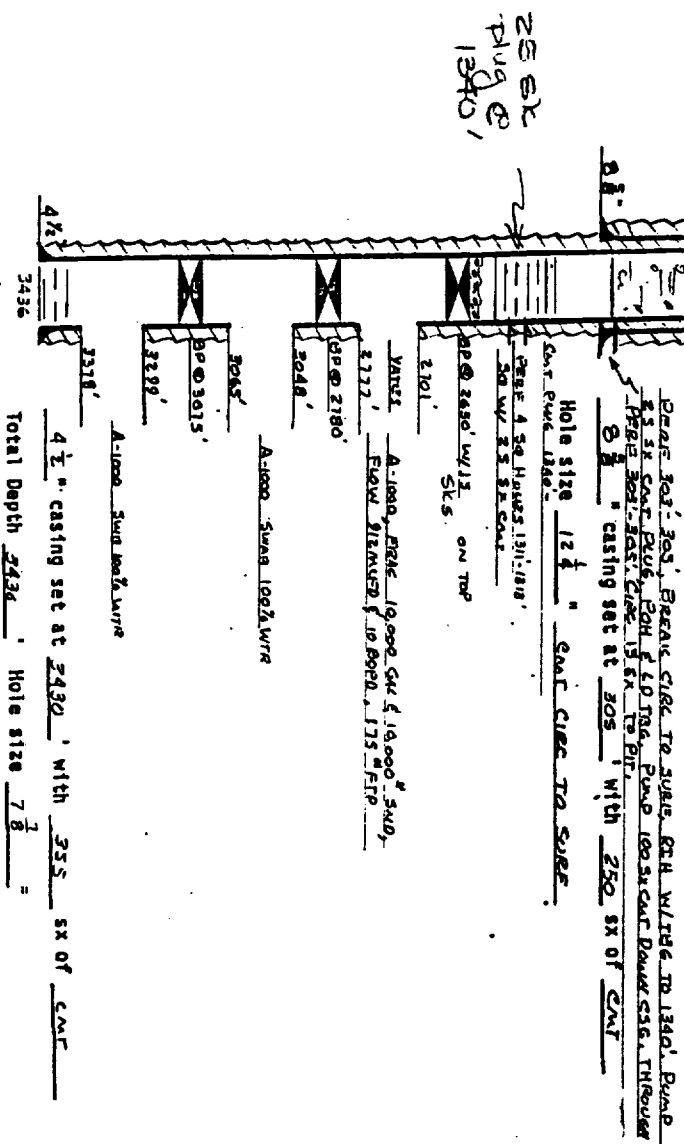
TOWNSHIP RANGE

Schematic

Well Construction Data

SPUD DATE: 1.4.69

CIRC 100 ETS thru ports @ 303-305'
Circ. 15 ETS to pit



Surface Casing

Size 8 5/8" @ 305' Cemented with 250 SK.

TOC CIRCULATED feet determined by CALCULATED

Hole Size 12 1/4"

Intermediate Casing

Size 12 1/4" Cemented with 355 SK.

TOC 1388' feet determined by CALCULATED

Hole Size 6 3/4"

Long String

Size 4 1/2" @ 3430' Cemented with 355 SK.

TOC 1388' feet determined by CALCULATED USING A 20% HOLE WASHER

Hole Size 6 3/4"

Total Depth 3430'

Interval
feet to 3378' (4 HOLE) feet A-1000, SWB N 3RD
(perforated or open-hole; indicate which)
(2) 3048' TO 3065' (3-HOLE) A-1500 GAC SWB N 2ND

CONDITIONS OF APPROVAL, IF ANY

MAR 20 1984

Oil & Gas Inspector

Eddie W. Seay

DATE 12/10/82

Engineer

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

1. RU PU - pull rods in singles and laid down. Put 1 tbg.
2. RU wireline. Set CIBP @ 2650'.
3. Spot 15 sx cmt. plug through tbg on top of CIBP @ 2650'.
4. Pressure tested csg. Held 200 psi for 5 min. No loss of pressure.
5. RU wireline. Perforated 4 holes from 1311' - 1313'.
6. Spotted 25 sx cmt. plug through tbg. @ 1315'. SD
7. T1H w/tbg to 1360'. No plug.
8. Loaded 4 1/2" csg w/water. SD for 10 min. Took 3/4 bbl water to reload csg.
9. RU wireline. Perforated 4 1/2" csg w/4 holes from 303' - 305'.
10. T1H w/tbg. to 1340'. Mixed and pumped a 25 sx cmt plug. Laid down tbg.
11. Mixed and pumped 100 sx cmt down 4 1/2" csg. Circulated through perms @ 305' back to surface through annulus. Circulated approximately 15 sx cmt to pit. SD.
12. Pushed a bridge down 4 1/2" csg to approximately 100'. Mixed and dumped 10 sx cmt at surface. Set regulation P and A marker. Cleaned location. Well P and A.

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 103.

☐ OTHER	☐ CHANGE PLANS	☐ PLUG AND ABANDON	☐ PERFORM REMEDIAL WORK
☐ ALL OR ALTERN Casing	☐ COMPLETE DRILLING OPS.	☐ REMEDIAL WORK	☐ TEMPORARILY ABANDON
☐ PLUG AND ABANDONMENT	☐ CASING TEST AND CEMENT JOBS	☐ OTHER	☐

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:
SUBSEQUENT REPORT OF:

15. Elevation (Show whether DF, RT, CR, etc.)		3267' GR	12. County	La
16. Location of Well		West	LINE, SECTION	36
17. UNIT LETTER		F	TOWNSHIP	24S
18. FEET FROM THE		North	RANGE	36 E
19. LINE AND		1980	FEET FROM	
20. Address of Operator		Post Office Box 2546, Fort Worth, Texas - 76102		
21. Name of Operator		Mittard Deck Estate c/o First National Bank of Fort Worth		
22. Name of Lease Holder		Shell State		
23. Well No.		2		
24. Field and Pool, or Wildcat		Jalmat YZR (Gas)		
25. State Oil & Gas Lease No.		B-1167-12		
26. Indenture Type of Lease		☒ Lease ☐ Fee		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

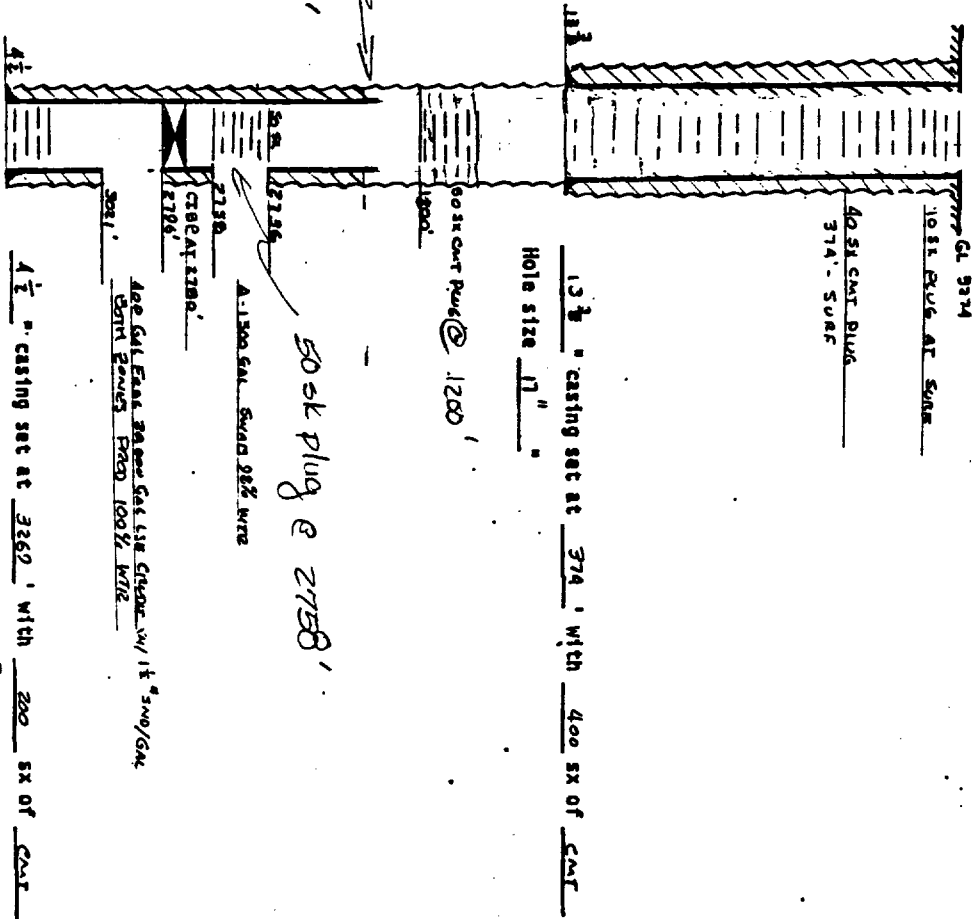
WELL DATA SHEET

Side 1

OPERATOR SHELL OIL CO LEASE STATE "B" #2 (P&A)

WELL NO. 1980' FNL & 1980 FWC SEC. 36 (F) T-24-5 R-36-E LEA CO, N.M.
FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Well Construction Data

SPUD DATE: 6.22.64

Surface Casing

Size 13 3/8 @ 374' Cemented with 400 SK.

TOC CALCULATED feet determined by CALCULATED

Hole Size 17 1/4"

Intermediate Casing

Size Cemented with SK.

TOC feet determined by

Hole Size

Lima Slime

Size 4 1/2 @ 3269' Cemented with 200 SK.

TOC 1940' feet determined by CALCULATED

Hole Size 6 3/4

Total Depth 3825'

Interval

PEEPS 2796' feet to 3021' feet 400 GAL ACID

(perforated or open hole; indicate which) F-20,000 GAL USE CRUDE

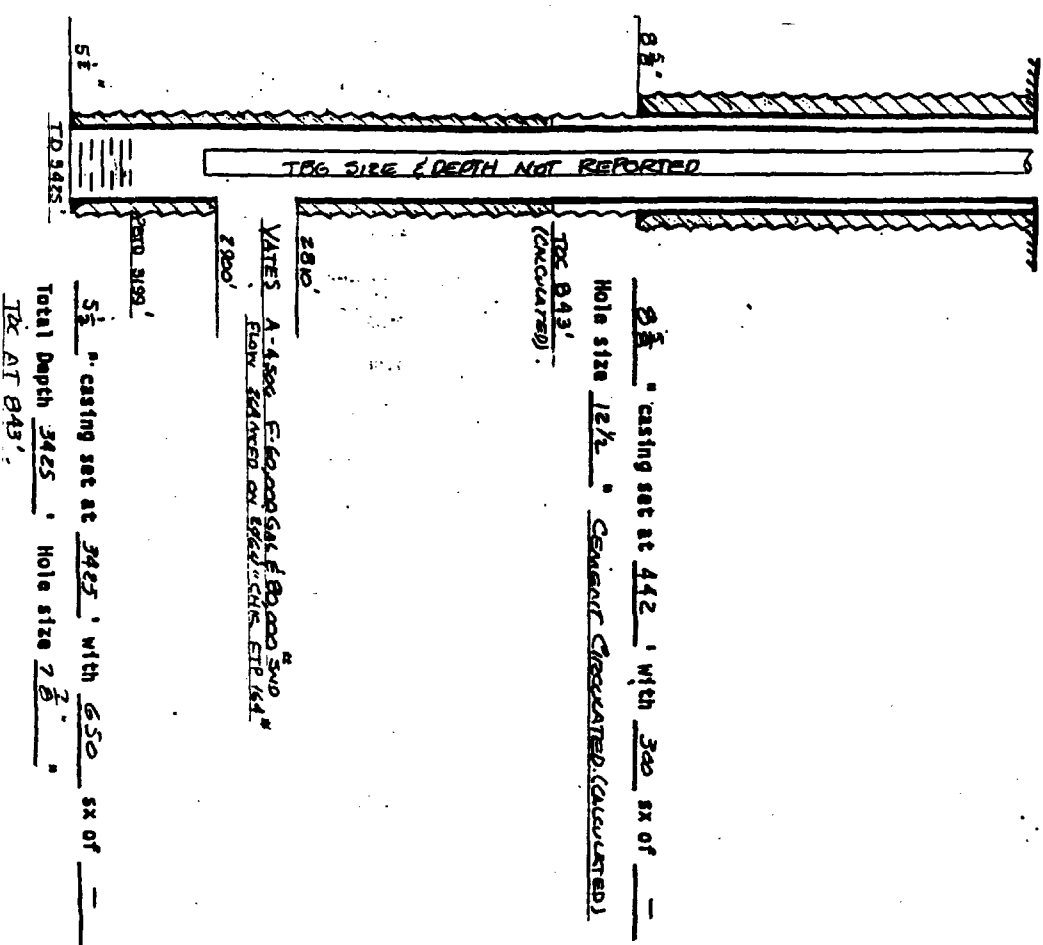
Name of Company Shell Oil Company		Address P.O. Box 1858, Roswell, New Mexico		Well No. 2		Unit Letter 36		Section 36		Township 24-3		Range 36-E		Lease State B		Date Work Performed August 24, 1964		Pool Valmont		County Log							
THIS IS A REPORT OF: (Check appropriate block) ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Explain): ☒ Plugging ☐ Remedial Work																											
Detailed account of work done, nature and quantity of materials used, and results obtained: Cut and pulled 2200' of 4 1/2" casing. Spotted cement plugs as follows: 90 ex - 2736'-2750' 90 ex - 1200' 40 ex - 374' 10 ex - surface Erected prescribed 4" x 4" marker. Well ran August 24, 1964.																											
Witnessed by Frank Jones Position Production Foreman Company Shell Oil Company																											
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY ORIGINAL WELL DATA																											
D F Elev.		T D		P B I D		Producing Interval		Completion Date		Tubing Diameter		Tubing Depth		Oil String Diameter		Oil String Depth		Performed 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		Cable Test/Bbl		Gas Well Potential MCFPD		Before Workover		After Workover		I hereby certify that the information given above is true and complete to the best of my knowledge.		Name Rockwell		Position Acting Division Mechanical Engineer		Company Shell Oil Company	
Approved by		John A. Remyan																									
Title																											

WELL DATA SHEET

OPERATOR MERIDIAN OIL INC. LEASE CUSTER STATE ACTIVE
 WELL NO. 1 2310' ENC & 1800' EEC SEC 36-6 T-24-S R-36-E
 FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematics

Well Construction Data
 SPUD DATE: 12.2.79



Surface Casing
 Size 8 5/8 @ 442' Cemented with 300 SK
 TOC CALCULATED feet determined by CALCULATED
 Hole Size 12 1/2" TOC CALCULATED USING
20% HALL WASHBURN
Intermediate Casing
 Size — Cemented with — SK
 TOC — feet determined by —
 Hole Size —
Long String
 Size 5 1/2 @ 3425' Cemented with 650 SK
 TOC 843' feet determined by CALCULATED
 Hole Size 7 7/8" TOC CALCULATED USING 20%
HALL WASHBURN
 Total Depth 3425' PIG 3190'

Interval PERFORATED feet to 2900 feet A-4500 F 60000 GAL
2810 (perforated or open hole; indicate which) 89,000 S

WELL DATA SHEET

Side 1

OPERATOR PHILLIPS PETROLEUM COMPANY

LEASE VENOY

PRD

WELL NO. 1 - 1980 ESC 4190 EE1 SEE 36 T-24-3, R-36-E, LEA COUNTY, NEW MEXICO

FOOTAGE LOCATION J

SECTION

TOWNSHIP

RANGE

Schematic

Well Construction Data

SPUD DATE: 10-13-71

Surface Casing

Size 8 5/8 @ 383' Cemented with 250 SK

TOC CIRCULATED feet determined by CALCULATED

Hole Size 12 1/2" TOC CALCULATED USING A

20% HOSE WASHOUT

Intermediate Casing

Size — Cemented with — SK

TOC — feet determined by —

Hole Size —

Long String

Size 5 1/2" @ 3508' Cemented with 1555 SK

TOC CIRCULATED feet determined by CALCULATED

Hole Size 7 5/8" TOC CALCULATED USING A

20% HOSE WASHOUT

Total Depth 3508'

Interval

PERFORATED 2808' feet to 3006' feet
(perforated or open-hole; indicate which)

Set 20 SK plug @ 450'

20 SK plug @ 600'

8 5/8" casing set at 383' with 250 SK of CMT

Hole size 12 1/2" CEMENT CALCULATED TO CIRCULATE
TOP OF PLUG @ 2690' 20% HOSE WASHOUT

VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

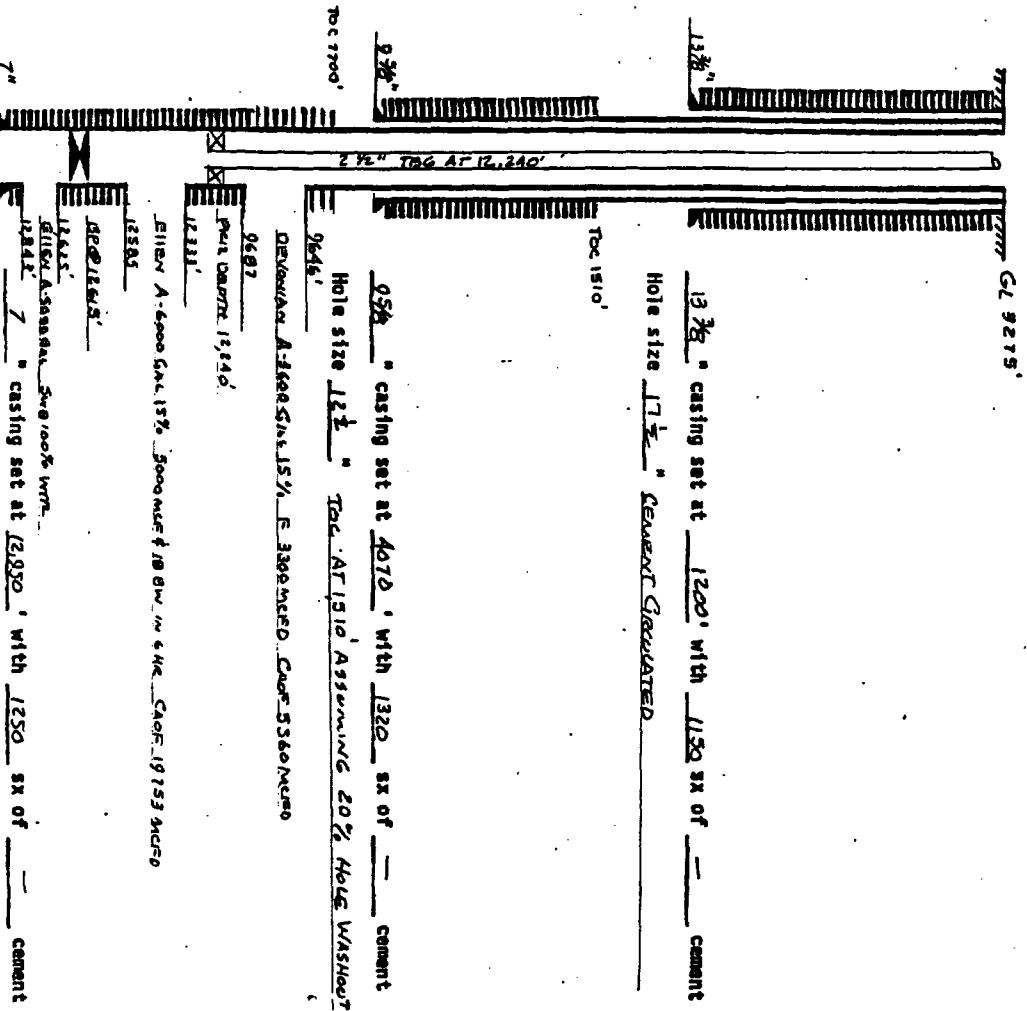
VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

VALUES
A-1000 GAT. SWR. DRG.
A-1000 GAT. P-1-80, 20 BWT. 20% HOSE WASHOUT

WELL DATA SHEET

OPERATOR CITATION OIL & GAS CORPORATION LEASE STATE "B" CON #2 ACT
 WELL NO. 1650 F.S.F. 1980' E.E. FOOTAGE LOCATION SEC 36-T T-24-S R-36-E LEA COUNTY, N.M.
 SECTION 7-24-S TOWNSHIP R-36-E RANGE N.M.

Schematics



Well Construction Data

SPEED DATE: 1-15-81

Surface Casing

Size 13 3/8 @ 1200' Cemented with 1150 sacks

TOC CIRCULATED Test determined by Records

Hole Size 17 1/2"

Intermediate Casing

Size 17 1/2 @ 1510' Cemented with 1320 sacks

TOC 1510' Test determined by CALCULATION

Hole Size 12 1/2" TAG CALCULATED USING 20% HOLE WASH

Long String

Size 12 @ 12,950' Cemented with 1250 sacks

TOC 7700' Test determined by CALCULATION

Hole Size 8 3/4" TAG CALC. ASSUMING A 20% HOLE WASHOUT

Total Depth 12,950'

Interval

PERF 9646-87 (DEV)

PERF 12,333' feet to 12,585' (BILLEN) feet

(perforated or open-hole; indicate which)

PERF 12,625-12,843 - BILLEN

TOC AT 7700' ASSUMING A 20% HOLE WASHOUT

WELL DATA SHEET

Side

OPERATOR

MILLARD DECIC ESTATE

LEASE

SHELL STATE #1

(Paid)

WELL NO.

1980 FSL & 1980 FMC

FOOTAGE LOCATION

SECTION 36-K

TOWNSHIP T-24-S

RANGE R-36-E

Beckman

Well Construction Data

SPEL DATE: 8.5.68

Surface Casing

Size 8 3/8" @ 333' Cemented with 255 SK

TOC CIRCUMATED feet determined by RECORDS

Hole Size 12 1/4"

Intermediate Casing

Size NONE Cemented with SK

TOC feet determined by

Hole Size

Land Status

Size 5 1/2' @ 3440' Cemented with 255 SK

TOC 2028 feet determined by CALCULATION

Hole Size 7 7/8"

Total Depth 3440'

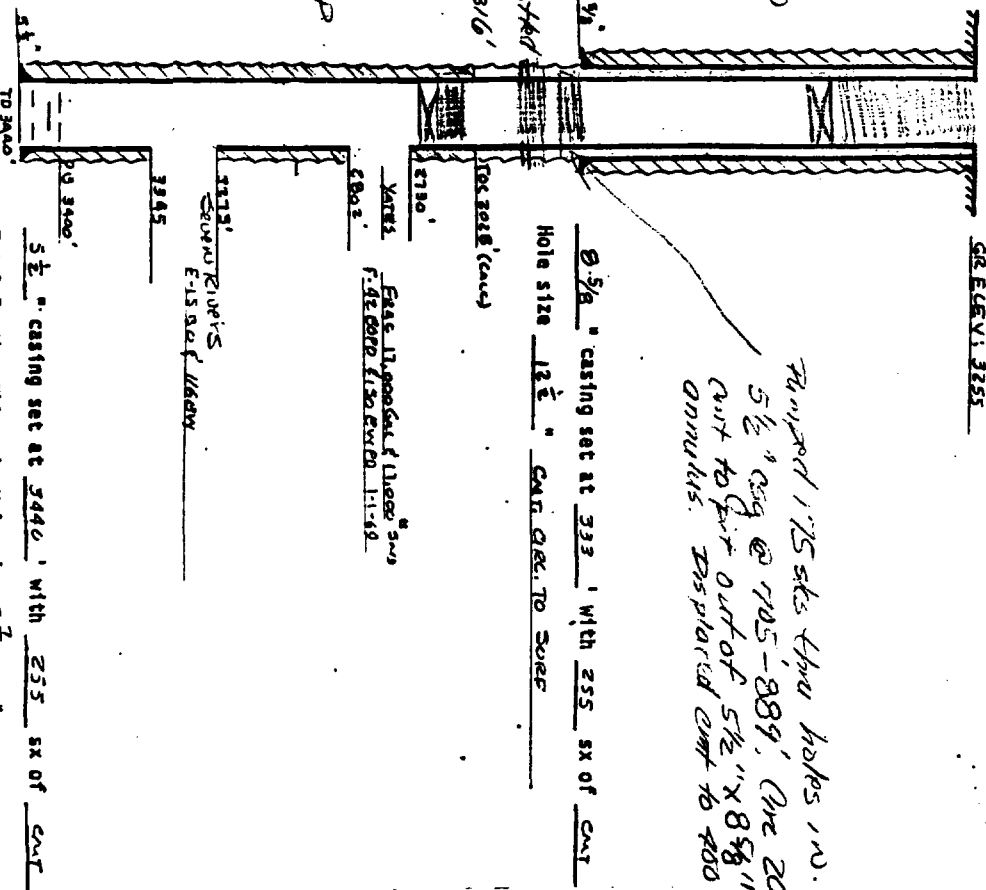
COMPONENT

2730' feet to 2802 feet & 3275 to 3345' (perforated or open hole; indicate which)

15' @ 100' with 105' on top

440' @ 1278' Spotted plug from 1129-1316' CUB @ 2075' 0/15 SKS cut on top

Run 175' SKS thru holes in. 5 1/2" @ 1705-1889' (the 205' cut to put out of 5 1/2" x 8 5/8" annulus. displaced cut to 700



Post-it Fax Note 7672

To	Earl	No. of Pages	1	Today's Date	10-24-98	Time	
Company	Prime Operating	From	Rachel L. Lamm	Company	Oil Reports + Gas Serv	Location	
Location		Dept. Charge		Fax #		Telephone #	
Fax #		Telephone #		Original Disposition:	☐ Destroy	☐ Return	☐ Call for pickup
Comments							

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AND OFFICE		
PERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒	GAS WELL ☐	OTHER ☐	5a. Indicate Type of Lease State ☒ Fee ☐
Name of Operator Millard Deck Estate c/o First National Bank of Fort Worth			5. State Oil & Gas Lease No. B-10709
Address of Operator Post Office Box 2546, Fort Worth, Texas 76102			7. Unit Agreement Name
Location of Well UNIT LETTER <u>K</u> , <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>36</u> TOWNSHIP <u>24S</u> RANGE <u>36E</u> NMPM.			8. Form or Lease Name Shell State
			9. Well No. 1
			10. Field and Pool, or Wildcat Jalmat
15. Elevation (Show whether DF, RT, GR, etc.) 3258' GR			12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐
WELL OR ALTER CASING	☐	OTHER	☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK	☐	ALTERING CASING	☐
COMMENCE DRILLING OPMS.	☐	PLUG AND ABANDONMENT	☒
CASING TEST AND CEMENT JOB	☐	OTHER	☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. RU PU-pulled rods and laid down in singles, pulled tubing.
2. RU wireline and set CIBP @ 2675'.
3. Spotted 15 3sxs cmt through tubing on top of CIBP @ 2675'.
4. Pressure tested csg. Found 2 or more hole in 5 1/2" between 705' and 889'.
5. RU wireline. Perforated 4 holes between 1276' - 1278' at top of salt section. Spotted 25 sxs cmt. through tbg from 1129' - 1316'.

5. RU wireline. Perforated 4 holes between 1276' - 1278' at top of salt section. Spotted 25 sxs cmt. through tbgs from 1129' - 1316'.
6. Mixed and pumped 175 sxs cmt, with circulation through holes from 705' - 889' back to surface. Displaced cmt. to 400' in 5½" and circulated approximately 20 s x cmt back to pit out of the surface csg.
7. Pushed a bridge down 5½" csg to approximately 100'. Mixed and dumped 10 sx cmt plug @ surface.
8. Set regulation P and A marker. Cleaned location. Well P and A.

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

WITNESSED BY M. D. Nelson TITLE Engineer DATE 12/10/82

PROVED BY Eddie Wilson TITLE OIL & GAS INSPECTOR DATE MAR 20 1984

CONDITIONS OF APPROVAL, IF ANY:

WELL DATA SHEET

OPERATOR PRIME OPERATING CO. LEASE POSSH #3 ACT

WELL NO. 1650' FSL E 2310' FWL SEC 36-K T 24S R 36-E LEAG 6 AM

FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Well Construction Data
SPUD DATE: 8.25.80

Surface Casing
Size 8 7/8 @ 372' Cemented with 300 EX
TOC CIRC. feet determined by CIRC. 50 SKS TO PT

Hole Size 12 1/2"

Intermediate Casing
Size --- Cemented with --- EX
TOC --- feet determined by ---

Hole Size ---

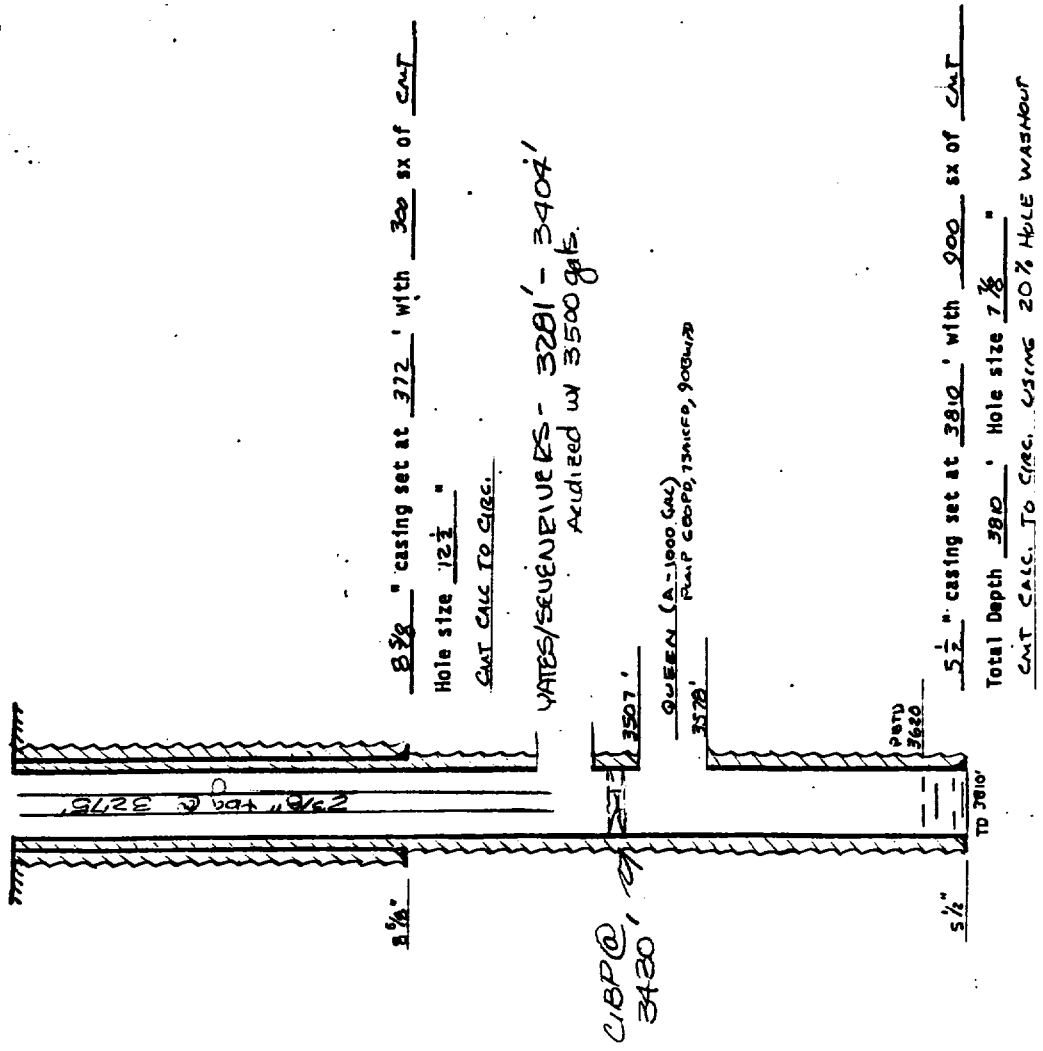
Long String
Size 5 1/2 @ 380' Cemented with 900 EX
TOC CIRC. feet determined by CIRC. 50 SKS TO PT

Hole Size 7 7/8"

Total Depth 3810'

Interval
PERF 3507' feet to 3528' feet
(perforated or open hole; indicate which)

Schematic



Endura Products Corp.
P.O. Box 3394
Midland, Texas 79706
Phone (915) 684-4233 * Fax (915) 684-4277

WATER ANALYSIS

Date 11/27/95
Endura Rep JOHN SOLANSKY
Code W-0402
State NEW MEXICO
County LEA
Well #4
Lease POSSH
Field
Company PRIME OPERATING
Sampling Point/Date WELL HEAD
Formation: Seven Rivers
Source

DISSOLVED SOLIDS

CATIONS

Sodium, Na- (Calc.) 10,281
Total Hardness as Ca- 1,280
Calcium, Ca- 920
Magnesium, Mg- 220
Barium, Ba- 0
Iron (Total) Fe- 0

ANIONS

Chlorides, Cl- 8,500
Sulfate, SO4- 2,250
Carbonate, CO3- 0
Bicarbonate, HCO3- 1,952
Sulfide, S-- 3,080
Total Dissolved Solids (Calc.) 27,203

OTHER PROPERTIES

pH- 6.860
Specific Gravity, 60-/60 F 1.002
TURBIDITY 75

SCALING INDICIES

TEMP, F	CA CO3	CASO4*2H2O	CA SO4	BA SO4
160	0.5896	-0.2807	-0.4354	-28.7268
120	0.8748	-0.2883	-0.2626	-28.9590
1.2798	-0.2622	-0.0638	-29.1469	

EXHIBIT VIII

Geologic Description

The proposed injection zone is the Queen Formation at approximately 3500 feet in depth. In this area the Queen has been described as a white to gray, very fine to fine grained, pyritic siltstone/sandstone cemented dolomite with fair to good porosity.

Fresh Water Source

The only known fresh water source is in the Ogallala Formation less than 200 feet from surface.

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, Kathi Beardon

Publisher

of the Hobbs Daily News-Sun, a
daily newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of _____

1 weeks.
Beginning with the issue dated

October 27, 1996
and ending with the issue dated

October 27, 1996

Kathi Beardon
Publisher

Sworn and subscribed to before

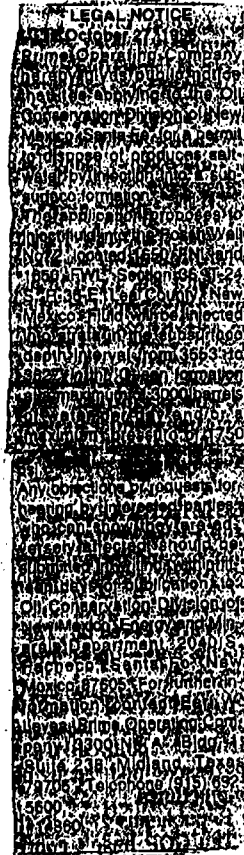
me this 28 day of

October, 1996

Sandra Catlett
Notary Public.

My Commission expires
August 29, 1999
(Seal)

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.



Z 740 400 686



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to		LEWIS B. BURLINSON, INC.	
Street and No.		P.O. BOX 2479	
P.O., State and ZIP Code		MIDLAND, TX 79702-2479	
Postage	\$	.55	
Certified Fee		1.10	
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered		1.10	
Return Receipt Showing to Whom, Date, and Addressee's Address			
TOTAL Postage & Fees	\$	2.75	
Postmark or Date			

PS Form 3800, March 1993

Z 740 400 690



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to		J. T. CRAWFORD	
Street and No.		DRAWER T	
P.O., State and ZIP Code		JAL, NEW MEXICO	
Postage	\$	.55	80222
Certified Fee		1.10	
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered		1.10	
Return Receipt Showing to Whom, Date, and Addressee's Address			
TOTAL Postage & Fees	\$	2.75	
Postmark or Date			

PS Form 3800, March 1993

mer

Z 740 400 689



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to		Meridian Oil Inc.	
Street and No.		P.O. BOX 51810	
P.O., State and ZIP Code		Midland, TX 79710	
Postage	\$	.55	
Certified Fee		1.10	
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered		1.10	
Return Receipt Showing to Whom, Date, and Addressee's Address			
TOTAL Postage & Fees	\$	2.75	
Postmark or Date			

PS Form 3800, March 1993

Z 740 400 688



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to		CITATION OIL & GAS CORP.	
Street and No.		8223 Willow Place South	
P.O., State and ZIP Code		HOUSTON, TX 77070-5223	
Postage	\$	.55	5223
Certified Fee		1.10	
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered		1.10	
Return Receipt Showing to Whom, Date, and Addressee's Address			
TOTAL Postage & Fees	\$	2.75	
Postmark or Date			

PS Form 3800, March 1993

Prime Operating Company

a subsidiary of **Prime**Energy Corporation

3300 North A, Building One, Suite 238 • Midland, Texas 79705
(915) 682-5600 • FAX (915) 682-0223

October 24, 1996

CERTIFIED MAIL-RETURN RECEIPT
Z 740 400 690

J. T. Crawford
Drawer T
Jal, New Mexico 88252

Re: Prime Operating Company
Possh #2
1650' FNL & 1650' FWL
Sec. 36, T-24-S, R-36-E
Lea County, New Mexico

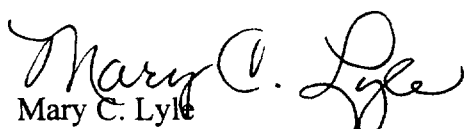
Gentlemen:

In regard to the above subject location, Prime Operating Company is applying to the Oil Conservation Division of New Mexico, Santa Fe, for a permit to dispose of produced water by injection into a subsurface formation.

As the surface owner, you will find copy of the Form C108, Application for Authorization to Inject and a plat showing the subject well.

Should you have any questions, please contact our office.

Sincerely,


Mary C. Lyle
Engineering Assistant

MCL:enclosures

Prime Operating Company

a subsidiary of **Prime**Energy Corporation

3300 North A, Building One, Suite 238 • Midland, Texas 79705
(915) 682-5600 • FAX (915) 682-0223

October 24, 1996

CERTIFIED MAIL-RETURN RECEIPT
Z 740 400 686

Lewis B. Burleson, Inc.
P. O. Box 2479
Midland, Tx 79702-2479

Re: Prime Operating Company
Possh #2
1650' FNL & 1650' FWL
Sec. 36, T-24-S, R-36-E
Lea County, New Mexico

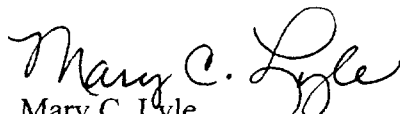
Gentlemen:

In regard to the above subject location, Prime Operating Company is applying to the Oil Conservation Division of New Mexico, Santa Fe, for a permit to dispose of produced water by injection into a subsurface formation.

As an offset operator, enclosed you will find copy of the Form C108, Application for Authorization to Inject and a plat showing the subject well.

Should you have any questions, please contact our office.

Sincerely,


Mary C. Lyle
Engineering Assistant

MCL:enclosures

Prime Operating Company

a subsidiary of **Prime**Energy Corporation

3300 North A, Building One, Suite 238 • Midland, Texas 79705
(915) 682-5600 • FAX (915) 682-0223

October 24, 1996

CERTIFIED MAIL-RETURN RECEIPT
Z 740 400 688

Citation Oil & Gas Corp.
8223 Willow Place, South, Ste. 250
Houston, Tx 77070-5623

Re: Prime Operating Company
Possh #2
1650' FNL & 1650' FWL
Sec. 36, T-24-S, R-36-E
Lea County, New Mexico

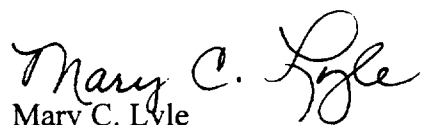
Gentlemen:

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Sincerely,


Mary C. Lyle
Engineering Assistant

MCL:enclosures

Prime Operating Company

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3300 North A, Building One, Suite 238 • Midland, Texas 79705
(915) 682-5600 • FAX (915) 682-0223

October 24, 1996

CERTIFIED MAIL-RETURN RECEIPT
Z 740 400 689

Meredian Oil Inc.
P. O. Box 51810
Midland, Tx 79710-1810

Re: Prime Operating Company
Possh #2
1650' FNL & 1650' FWL
Sec. 36, T-24-S, R-36-E
Lea County, New Mexico

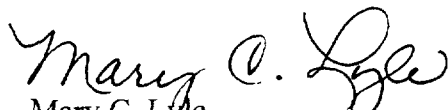
Gentlemen:

In regard to the above subject location, Prime Operating Company is applying to the Oil Conservation Division of New Mexico, Santa Fe, for a permit to dispose of produced water by injection into a subsurface formation.

As an offset operator, enclosed you will find copy of the Form C108, Application for Authorization to Inject and a plat showing the subject well.

Should you have any questions, please contact our office.

Sincerely,


Mary C. Lyle
Engineering Assistant

MCL:enclosures

SWA 647



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

10/31/96

GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD X _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Prime Operating Co Poss #2-F 36-245-360
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed