

DATE IN	SUSPENSE	ENGINEER	LOGGED BY	TYPE
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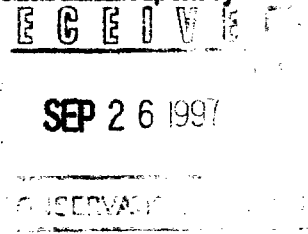
NEW MEXICO OIL CONSERVATION DIVISION ✓
- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
[DD-Directional Drilling] [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 - Directional Drilling
☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [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

[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] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Ann E. Ritchie
Print or Type Name

[Signature]
Signature

Regulatory Agent
Title

9-22-97
Date

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no
- II. Operator: Pennzoil Exploration & Production Co.
Address: PO Box 50090 Midland, Texas 79710-0090
Contact party: Sharon Hindman Phone: (915) 686-3505
- 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? ☒ 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.
- 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 reinjected 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 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 source 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 source 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: Ann E. Ritchie Title: Regulatory Agent
Signature: [Signature] Date: 9-22-97
- XV. If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and 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, P. O. Box 2088, Santa Fe, New Mexico 87501 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.

 PENNZOIL EXPLORATION AND PRODUCTION COMPANY

EOB BUSINESS UNIT/MIDLAND • P.O. BOX 50090 • MIDLAND, TX 79710-0090 • (915) 682-7316
4000 N. BIG SPRING, SUITE 325 • MIDLAND, TX 79705-4613 • FAX (915) 686-3535

September 15, 1997

State of New Mexico
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Attn. Mr. Ben Stone

Re: Application for Authorization to Inject
Atoka San Andres Unit, Well Nos. 120, 132, and 136
Atoka (San Andres) Field
Eddy County, New Mexico

Gentlemen:

As we discussed in our telephone conversation on July 31, 1997, Pennzoil Exploration & Production Company intends to request permission to convert the Atoka San Andres Unit (ASAU) Well Nos. 120, 132, and 136 to water injection wells. Pennzoil is currently injecting water into 17 water injection wells at the ASAU. The shallowest perforation in these 17 injection wells is at 1430', and the deepest perforation is at 1833'. The surface injection pressures for these wells range from 850 to 950 psig. Pennzoil is currently evaluating the productivity of uphole San Andres zones that are within the unitized interval of the ASAU. In the event that these uphole intervals are oil bearing, Pennzoil plans to perforate these zones in the offset water injection wells. If uphole perforations are added in the ASAU Well Nos. 120, 132, and 136, Pennzoil will perform step rate tests on these wells to determine the parting pressure of the uphole San Andres zones and will request an amendment to the injection permits. However, if uphole perforations are not added, Pennzoil requests that a permit be granted to inject into the existing perforations in the ASAU Well Nos. 120, 132, and 136. Thank you for your consideration. If you have any questions or comments, please contact me at (915) 686-3524.

Sincerely yours,

Jack T. Lowder

Jack T. Lowder
Senior Petroleum Engineer

(copy for application)

Pennzoil Exploration & Production Company
Atoka San Andres Unit Well No. 132
Section 14, T-18S, R-26E
Eddy County, New Mexico

*** III ***

Well Data:

A.

- (1) Operator: Pennzoil Exploration & Production Company
Lease Name: Atoka San Andres Unit
Well Number: # 132
Location: Section 14, T-18S, R-26E, 990' FNL & 2310' FWL
- (2) Casing: 8-5/8" @ 1192' w/ 450 sx cement in a 11" hole *
5-1/2" @ 1727' w/ 350 sx cement in a 7-7/8" hole **
- (3) Tubing: 2-3/8" @ 1150' Internally Plastic Coated
- (4) Packer: Baker Model AD-1 Tension Packer Set @1350'

***** See attached schematic of wellbore
* Top of cement at 522' by temperature survey
** Cement was circulated

B.

- (1) Injection Formation: San Andres
Field Name: Atoka San Andres (03610)
- (2) Injection Interval: 1512' - 1687'
- (3) The original purpose of the well was to produce oil.
- (4) There are no other perforated intervals in this well.
- (5) Next higher productive zone is N/A
Lower productive zone is N/A

Wellbore Schematic

Surface Casing	<u>8-5/8"</u>	Conductor Casing	<u> </u>
Depth Set	<u>1192'</u>	Depth Set	<u> </u>
Cement	<u>450 sx</u>	Cement	<u> </u>
<i>(top of cement @ 522' - TS)</i>			
Intermediate Casing	<u> </u>		
Depth Set	<u> </u>		
Cement	<u> </u>		
Production String	<u>5-1/2"</u>		
Depth Set	<u>1727'</u>		
Cement	<u>350 sx</u>		
<i>(cement was circulated)</i>			
Applied for zone	<u>1200' - 1800'</u>		
Perforations	<u>1634' - 1666'</u>		
Tubing Depth	<u>1150'</u>		
		Total Depth	<u>1727'</u>

OPERATOR	<u>Pennzoil Exploration & Production Company</u>
LEASE AND WELL NAME	<u>Atoka San Andres Unit Well # 132</u>
LOCATION	<u>990' FNL & 2310 FWL Sec 14, T-18-s, R-26-E</u>
COUNTY AND STATE	<u>Eddy County, New Mexico</u>

Pennzoil Exploration & Production Company
Atoka San Andres Unit Well # 132
Section 14, T-18S, R-26E
Eddy County, New Mexico

***** V *****

VI

1	Matador Operating Co. Vega Petroleum, Nelson Jerry COM #1 990 FNL & 1650 FWL Sec 14 T-18-S, R-26-E DD: 3-10-76 TD: 9300' Status:P&A 6-12-96 API # 30-015-21686	(W)
2	Pennzoil ASAU Well # 132 Standard Oil of Tx, Paul Terry #2 990 FNL & 2310 FWL Sec 14 T-18-S, R-26-E DD: 3-10-76 TD: 9300' API # 30-015-21686	(W)
3	Pennzoil ASAU Well # 133 Standard Oil Of Tx, Paul Terry #3 990 FNL & 990 Fwl sec 14 T-18-S, R-26-E DD: 11-30-56 TD: 1740 API # 30-015-00284	(W)
4	Kewanee Oil Co., ASAU Well #4 Kewanee Oil Co., Terry Well #4 1650 FNL & 990 FWL Sec 14 T-18-S, R-26-E DD: 9-29-57 TD: 1702' Status: P&A 8-9-74 API # 30-015-00208	(SW)
5	Pennzoil ASAU Well # 135 Kewanee Oil Co., Terry #3 1650 FNL & 2300 FWL Sec 14 T-18-S, R-26-E DD: 9-24-57 TD: 1743' API # 30-015-00207	(S)

PG 2

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|----|--|------|
| 6 | Pennzoil ASAU Well # 146
Illamex Oil Inc., Everest #2
2310 FSL & 2310 FWL Sec 14
T-18-S, R-26-E
DD: 10-7-57 TD: 1702'
API # 30-015-00205 | (S) |
| | | |
| 7 | Yates Martin II, Everest #2
2310 FSL & 990 FWL Sec 14
T-18-S, R-26-E
DD: 12-6-57, TD: 1743'
API # 30-015-00285 | (SW) |
| | | |
| 8 | Pennzoil ASAU Well # 136
Kewanee Oil Co., Terry #1
2310 FNL & 1650 FEL Sec 14
T-18-S, R-26-E
DD: 2-18-56 TD: 1970'
API # 30-015-00193 | (SE) |
| | | |
| 9 | Llano, Terry #1
1650 FNL & 1880 FEL Sec 14
T-18-S, R-26-E
DD: 9-16-76 TD: 9303'
API # 30-015-21875 | (SE) |
| | | |
| 10 | Pennzoil ASAU Well # 137
National Drg Co., Leavitt #8
1680 FNL & 330 FEL Sec 14
T-18-S, R-26-E
DD: 3-14-60 TD: 1770'
API # 30-015-00199 | (SE) |
| | | |
| 11 | Kewanee Oil Co. AGU Well # 1
Kewanee Oil Co., Leavitt #1
1650 FNL & 330 FEL Sec 14
T-18-S, R-26-E
DD: 7-22-56 TD: 955' Status: P&A 9-22-75
API # 30-015-00201 | (SE) |

PG 3

- | | | |
|----|---|------|
| 12 | Gulf Oil Corporation AGU Well # 102
Kewanee Oil Co., Leavitt #10
990 FNL & 330 FEL Sec 14
T-18-S, R-26-E
DD: 2-15-61 TD: 965' Status: P&A 5-27-82
API # 30-015-00200 | (E) |
| 13 | Pennzoil ASAU Well # 130
Kewanee Oil Co., Leavitt #4
330 FNL & 330 FEL Sec 14
T-18-S, R-26-E
DD: 8-11-57 TD: 1742' :
API # 30-015-00202 | (NE) |
| 14 | Pennzoil ASAU Well # 131
Kewanee Oil Co., Terry #2
990 FNL & 1650 FEL Sec 14
DD: 4-9-57 TD: 1700'
T-18-S, R-26-E
API # 30-015-00194 | (E) |
| 15 | Pennzoil ASAU Well # 161
Chevron USA, ASAU # 161
1750 FNL & 2310 FEL Sec 14
T-18-S, R-26-E
DD: 5-15-88 TD: 1850'
API # 30-015-25792 | (E) |
| 16 | Pennzoil ASAU Well # 158
Gulf Oil, ASAU # 158
107 FNL & 1230 FEL Sec 14
T-18-S, R-26-E
DD: 2-24-85 TD: 1850'
API # 30-015-25043 | (NE) |
| 17 | Pennzoil ASAU Well # 122
Socony Mobil Oil Co., Reed Brainard #1
330 FSL & 2310 FEL Sec 11
T-18-S, R-26-E
DD: 7-28-56 TD: 1736'
API # 30-015-00175 | (NE) |
| 18 | Pennzoil ASAU Well # 123
Socony Mobil Oil Co., Brainard Unit #1
990 FSL & 990 FEL Sec 11
T-18-S, R-26-E
DD: 1-31-63 TD: 9181'
API # 30-015-10178 | (NE) |

- | | | |
|----|--|------|
| 19 | Pennzoil ASAU Well # 113
Mobil Oil Corp., De Fanning #1
1650 FSL & 2310 FEL Sec 11
T-18-S, R-26-E
DD: 9-2-56 TD: 1797'
API # 30-015-00176 | (NE) |
| 20 | Pennzoil ASAU Well # 121
Standard Oil of TX, HC Aaron #1
330 FSL & 2310 FWL Sec 11
T-18-S, R-26-e
DD: 9-19-56 TD: 1710'
API # 30-015-00307 | (N) |
| 21 | Felmont Oil, Aaron COM #1
990 FSL & 1650 FWL Sec 11
T-18-S, R-26-E
DD: 11-11-72 TD: 9191'
API # 30-015-20739 | (NW) |
| 22 | Pennzoil ASAU Well # 120
Standard Oil of Tx, B.C. Aaron #2
330 FSL & 990 FWL Sec 11
T-18-S, R-26-E
DD: 11-9-56 TD: 1698'
API # 30-015-00305 | (NW) |
| 23 | Pennzoil ASAU Well # 159
Gulf Oil, ASAU #159
125 FNL & 1665 FWL Sec 14
T-18-S, R-26-E
DD: 2-24-85 TD: 1879'
API # 30-015-25044 | (NW) |

132-1

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

APR - 6 1976

Form C-103
Revised 1-1-65

5a. Indicate Type of Lease	State ☐	Fee ☐
5. State Oil & Gas Lease No.		

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESUR. ☐ OTHER ☐		8. Form of Lease Name Jerry Nelson Co	
2. Name of Operator Vega Petroleum Corp.		9. Well No. 1	
3. Address of Operator P.O. Box 2383, Midland, Texas 79701		10. Field and Pool, or Wildcat Atoka Pennsylvania	
4. Location of Well UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE OF SEC. 14 TWP. 18-S RGE. 26-E NMPM		12. County Eddy	
15. Date Spudded 12/3/75	16. Date T.D. Reached 1/9/76	17. Date Compl. (Ready to Prod.) 3/10/76	18. Elevations (DF, RKB, RT, GR, etc.) 3314' GL
19. Elev. Casinghead 3318'	20. Total Depth 9300'		
21. Plug Back T.D. 9150'	22. If Multiple Compl., How Many N/A	23. Intervals Drilled By Rotary Tools 0-9300'	24. Producing Interval(s), of this completion - Top, Bottom, Name 9032'-9053' Morrow Sand
25. Type Electric and Other Logs Run Densilog, Neutron-Dual LL, Gamma-Ray Log			26. Was Well Cored No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
20" x-42	94#	115'	24"
13-3/8"	42#	1120'	17-1/2"
8-5/8"	24#	1855'	12-1/4"
4-1/2"	11.6#	9180'	7-7/8"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
			SCREEN
			SIZE
			DEPTH SET
			PACKER SET
31. Perforation Record (Interval, size and number) Gearhart-Owen Completion casing packers set at intervals 8998'-9005', 9032'-9053', & 9104'-9113'.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		9032'-9053'	4000 gal HCl + 121,000 SC Nitrogen
33. PRODUCTION			
Date First Production 3/8/76	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Shut-in
Date of Test 3/8/76	Hours Tested 4 hrs	Choke Size	Prod'n. For Test Period
Flow Tubing Press. 4-point	Casing Pressure pkc.	Calculated 24-Hour Rate	Oil - Bbl. 14.12
			Gas - MCF 297.860
			Water - Bbl. 0
			Gas-Oil Ratio 21.094
			Oil Gravity - API (Calc) 49 @ 60°
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Shut-in; waiting on gas connection			Test Witnessed By Robert L. Murdock
35. List of Attachments			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED <u>Harry P. McShane</u>		TITLE <u>Executive Vice-President</u>	DATE <u>March 10, 1976</u>

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:20AM

Submit 3 Copies
to Appropriate
District OfficeState of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-103
Revised 1-1-69DISTRICT I
P.O. Box 1980, Hobbs, NM 88240OIL CONSERVATION DIVISION
P.O. Box 2088WELL API NO.
30-015-21686

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Henry F. McManis TITLE Executive Vice-President DATE March 10, 1976

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Revised 1-1-89DISTRICT I
P.O. Box 1980, Hobbs, NM 88240DISTRICT II
P.O. Drawer DD, Artesia, NM 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-015-21686

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Jerry Nelson Com

8. Well No.

1

9. Pool name or Wildcat

Atoka Penn

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.)

1. Type of Well:

OIL
WELL ☐GAS
WELL ☒OTHER ☐

2. Name of Operator

Matador Operating Company

3. Address of Operator

415 W. Wall, Suite 1101, Midland, TX 79701

4. Well Location

Unit Letter C : 990 Feet From The North Line and 1650 Feet From The West LineSection 14Township 18-SRange 26-ENMPM Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐REMEDIAL WORK ☐ALTERING CASING ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☒PULL OR ALTER CASING ☐CASING TEST AND CEMENT JOB ☐OTHER: ☐OTHER: ☐

12. 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) Set 4 1/2 CIBP @ 8950' Spot 14 sx cement on top Began work 6/3/96
- 2) Load hole with mud
- 3) Spot 25 sx cement, plug @ 7139'
- 4) Cut 4 1/2 csg @ 6307' P.O.O.H.
- 5) Spot 25 sx cement, plug @ 5 1/2 stub 6363' W.O.C. Tag cement top @ 6207' Spot 10 sx cmt @ 6307'
- 6) Spot 25 sx cement, Plug @ 5888'
- 7) Spot 25 sx cement, Plug @ 4495'
- 8) Spot 25 sx cement, Plug @ 2311'
- 9) Spot 30 sx cement, Plug @ 8-5/8" shoe 1906' W.O.C. Tag cement top @ 1776'
- 10) Spot 30 sx cement, Plug @ 1171'
- 11) SPot 10 sx cement @ surface, Set PA marker Completed Work 6/12/96

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

SIGNATURE

Elrica KleckTITLE District SecretaryDATE 6/26/96

TYPE OR PRINT NAME

Elrica Kleck

TELEPHONE NO. 915-683-53

(This space for State Use)

APPROVED BY

[Signature]TITLE Bill RepDATE 10/28/96

CONDITIONS OF APPROVAL, IF ANY:

Wellbore Schematic

Surface Casing 13 3/8"
Depth Set 1120'
Cement 750 sxs

Intermediate Casing 8 5/8"
Depth Set 1855'
Cement 850 sxs

Production String 4 1/2"
Depth Set 9180'
Cement 400 sxs

Perforations 9032-9053'
Tubing Depth 9015'

Conductor Casing 20'
Depth Set 115'
Cement 400sxs

set 4 1/2" CIBP @ 8950' spot 14 sxs
cement on top, load hole with mud,
spot 25 sxs cement plug @ 7139',
cut 4 1/2" csg @ 6307', spot 25 sxs
cmt, plug 6363' tag cmt top @ 6207'
spot 25 sxs plug @ 5888', spot 25
sxs plug @ 4495', spot 25 sxs plug
@2311', spot 30 sxs plug 8 5/8" shoe
1906' WOC Tag cmt top 1776' spot
30 sxs @ 1171 spot 10 sxs @
surface
P&A 6-12-96

Total Depth 9300'

OPERATOR Matador Operating Company
LEASE AND WELL NAME Jerry Nelson COM Well #1
LOCATION 990 FNL & 1650 FWL, Sec 14, T-18-S, R-26-E
COUNTY AND STATE Eddy County, New Mexico

132-2

33

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:21AM P7

Obtained 7/1/97
(Form C-100)

		990				
2310	•					

AREA 940 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

STANDARD OIL COMPANY OF TEXAS

(Company or Operator)

Paul Terry

(Lessee)

Well No. 2, in NE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 11, T. 18S, R. 26E, NMPM.

Undesignated

Pool,

Eddy

County.

Well is 2310 feet from West line and 990 feet from North line

of Section 11. If State Land the Oil and Gas Lease No. is

Drilling Commenced November 9, 1956. Drilling was Completed November 22, 1956

Name of Drilling Contractor Waters Drilling Company

Address P. O. Box 114, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3314. The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from <u>1194</u> to <u>1502</u>	No. 4, from <u>1678</u> to <u>1684</u>
No. 2, from <u>1578</u> to <u>1588</u>	No. 5, from <u>1703</u> to <u>1712</u>
No. 3, from <u>1636</u> to <u>1665</u>	No. 6, from <u> </u> to <u> </u>

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>None tested</u> to <u> </u> feet.
No. 2, from <u> </u> to <u> </u> feet.
No. 3, from <u> </u> to <u> </u> feet.
No. 4, from <u> </u> to <u> </u> feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SEAM	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	New	1181	Float	None	None	Surface string
5 1/2	11	New	1718	Float	None	1634-1666	Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8 5/8	1192	450	Pump and plug	10.3 lbs. per gal.	Hole full
7 7/8	5 1/2	1727	350	Pump and plug	8.9 lbs. per gal.	Hole full

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, Interval treated or shot.)

Acid washed perforated interval with 500 gallons of mud acid and fractured with 10,000 gallons crude oil and 10,000 pounds of sand.

Jul. 18 1997 08:22AM P8

COND OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from surface feet to 1730 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing.....**November 25**....., 19**56**....

OIL WELL: The production during the first 24 hours was 160 barrels of liquid of which 98.0 % was
was oil; - - - % was emulsion; - - - % water; and 2.0 % was sediment. A.P.I.
Gravity 38.6

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southwestern New Mexico

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. ? Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 954	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation
-0-	10	10	Drive bushing to ground
10	896	886	Sand and gravel
896	1190	294	Dolomite
1190	1730	540	Anhydritic dolomite

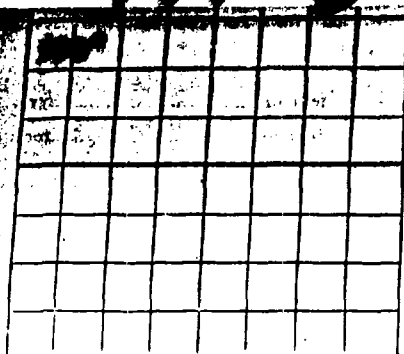
ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far

132-3

INVESTIGATIVE REPORT

Well # 133



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

12-10-58

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent n later than twenty days after completion of well. Follow instructions in Rules and Regulatio of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

STANDARD OIL COMPANY OF TEXAS
(Company or Operator)

TRACT # 15

Pool Terry
(Lease)

Well No. 1, in 1/4 of 1/4 of Sec 11, T. 18S, R. 2E, NMPA

Undesignated Pool, body Count

Well is 990 feet from 1001 line and 990 feet from North

of Section 11. If State Land the Oil and Gas Lease No. is

Drilling Commenced November 12, 1956 Drilling was Completed November 23, 1956

Name of Drilling Contractor Tackle Drilling Company

Address P. O. Box 2076, Lubbock, New Mexico

Elevation above sea level at Top of Tubing Head 3300 The information given is to be kept confidential unt

19

OIL SANDS OR ZONES

No. 1, from 1494 to 1504 No. 4, from 1674 to 1684

No. 2, from 1574 to 1584 No. 5, from 1694 to 1704

No. 3, from 1634 to 1644 No. 6, from 1734 to 1744

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from same tests 4 to feet

No. 2, from to feet

No. 3, from to feet

No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7 5/8	21.125	NEW	1200	PISTON	7 5/8	1215	PERFORATION
5 1/2	21	NEW	2107	PISTON	5 1/2	2115-2125	PERFORATION

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
7 5/8	7 5/8	1207	100	gun and plug	8.1 lbs per gal.	1000 gal.
5 1/2	5 1/2	1715	100	gun and plug	8.1 lbs per gal.	1000 gal.

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qm. or Gals. used, interval treated or shot.)

acid washed perforated interval with 500 gallons of acid and fractured with 1,000

gallons of sand and 10,000 gallons of water oil.

flow of barrels oil in hours, 14 1/2 hours, 77 3/4 gal, 57 1/2 gal.

Result of Production Stimulation

Depth Cleaned Out

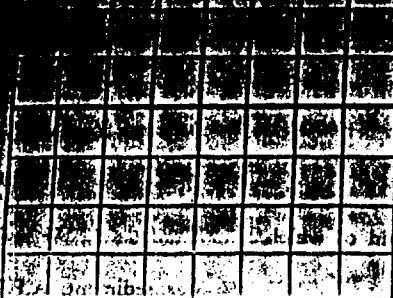
WELL CORRESPONDENCE

LEGAL-REGULATORY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent, not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

STANDARD OIL COMPANY OF TEXAS
(Company or Operator)

TRACT # 15

Pool Name

Well No. 1, 1/4 of 1/4, of Sec. 11, T. 11S, R. 11E, NMPM.

Well is 100 feet from 100 line and 100 feet from North line

of Section 11. If State Land the Oil and Gas Lease No. is 1111

Drilling Commenced November 11, 1911 Drilling was Completed November 21, 1911

Name of Drilling Contractor Castle Drilling Company

Address P. O. Box 1111, Santa Fe, New Mexico

Elevation above sea level at Top of Tubing Head 1111 The information given is to be kept confidential until

No. 1, from 1111 to 1111 No. 2, from 1111 to 1111

No. 3, from 1111 to 1111 No. 4, from 1111 to 1111

No. 5, from 1111 to 1111 No. 6, from 1111 to 1111

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole

No. 1, from 1111 to 1111 feet

No. 2, from 1111 to 1111 feet

No. 3, from 1111 to 1111 feet

No. 4, from 1111 to 1111 feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
11 1/2	21	NEW	1111	FLAT	FLAT	1111	Surface casing
11 1/2	21	NEW	1111	FLAT	FLAT	1111	Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
6 1/2	5 1/2	1111	150	Run and plug	9.4 lbs. per gal.	1000
6 1/2	5 1/2	1111	150	Run and plug	8.2 lbs. per gal.	1000

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot)

1000 gallons of cement used, 1000 gallons of water used, 1000 gallons of oil used

Result of Production Stimulation

Depth Cleaned Out

RECEIVED

JUL 17 1985

O. C. D.

ARTESIA, OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-81
Format 06-01-4
Page 1REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator

CHEVRON U.S.A. INC.

Address

P. O. Box 670, Hobbs, NM 88240

Reason(s) for filing (Check proper box)

☐ New Well☐ Recompletion☒ Change in Ownership

Change in Transporter of:

☐ Oil☐ Casinthead Gas☐ Dry Gas☐ Condensate

Other (Please explain)

Name Change Effective 7-1-85

If change of ownership give name
and address of previous owner

Gulf Oil Corp., P. O. Box 670, Hobbs, NM 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Unit	Well No.	Pool Name, including formation	Kind of Lease
Hoka San Andres	133	Hoka San Andres	State, Federal or Fee	
Location				
Unit Letter	D	990	Feet From The North Line and	990
Line of Section	14	Township	18S	Range
			26E	N.M.P.M.
			Eddy	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Water Injection						
Name of Authorized Transporter of Casinthead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When

If this production is commingled with that from any other lease or pool, give commingling order number

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

R.D. Pite

(Signature)

Area Engineer

(Title)

5-31-85

(Date)

OIL CONSERVATION DIVISION

JUL 18 1985

APPROVED

BY

Original Signed By
Mike Williams

TITLE

Oil & Gas Inspector

This form is to be filed in compliance with RULE 1

If this is a request for allowable for a newly drilled well, this form must be accompanied by a tabulation of the tests taken on the well in accordance with RULE III.

All sections of this form must be filled out completely on new and recompleted wells.

Fill out only Sections I, II, III, and VI for change of well name or number, or transporter, or other such change.

Separate Forms C-104 must be filed for each pool completed wells.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

N.P. Sikes Jr.

(Signature)

Area Engineer

(Title)

10-16-78

OIL CONSERVATION COMM

OCT 30 1978

APPROVED

BY

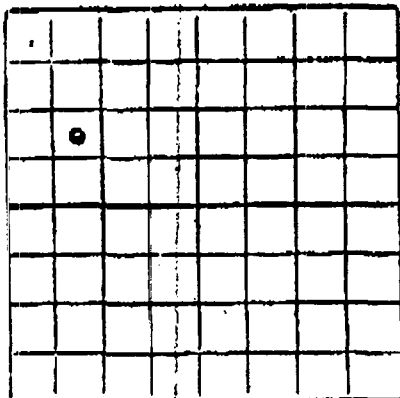
SUPERVISOR, DISTRICT II

This form is to be filed in compliance with

If this is a request for allowable for a new well, this form must be accompanied by a tabulation of the tests taken on the well in accordance with RULE III.

All sections of this form must be filled out completely on new and recompleted wells.

Fill out only Sections I, II, III, and VI for change of well name or number, or transporter, or other such

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

OCT 11 1957

Oil Cont.

Mail to District Office, Oil Conservation Commission, to which Form OCS-100 is sent, not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE. If State Land submit 6 Copies

Ellanex Oil, Inc.

(Company or Operator)

TERRY
(Lessee)Well No. A in SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 14, T. 18S, R. 26E, NMPM.

Atoka

Pool, Eddy

County

Well is 1650 feet from North line and 290 feet from West lineof Section 14. If State Land the Oil and Gas Lease No. is _____Drilling Commenced September 14, 1957, 19____ Drilling was Completed _____, 19____Name of Drilling Contractor Waters Drilling Company, Inc.Address P.O. Box 144Elevation above sea level at Top of Tubing Head 3321 GL. The information given is to be kept confidential until _____, 19____

OIL SANDS OR ZONES

No. 1, from 1645 to 1668 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF END	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>8 5/8</u>	<u>24</u>	<u>NEW</u>	<u>1060</u>	<u>Float</u>			<u>Water shut off</u>
<u>5 1/2</u>	<u>14</u>	<u>NEW</u>	<u>1702</u>	<u>float</u>			<u>Oil String</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11"</u>	<u>8 5/8</u>	<u>1060</u>	<u>450</u>	<u>Pump & Circulate to surface</u>		
<u>7 7/8</u>	<u>5 1/2</u>	<u>1702</u>	<u>475</u>	<u>Pump & Circulate to surface</u>		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

9/26/57 Shot with jet gun, 4 shots to foot from 1645-1653.Sand frac with 10,000 Gals refined free oil, 10,000 lbs sand& 250 Gal MDA Acid.Result of Production Stimulation Received 150 Barrel oil in first 24 hours using 1/4" choke

Depth Cleaned Out _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 1702 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 29, 1957, 19.

OIL WELL: The production during the first 24 hours was 150 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 40

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Alvers	T. McKee	T. Mancos
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	48	48	Surface				
48	126	78	Red Bed				
126	446	320	Red Bed & Anhy				
446	781	335	Anhy & Sand				
781	822	45	Anhy				
822	1060	238	Anhy & Lime				
1060	1284	224	Lime				
1284	1380	96	Lime & Sand				
1380	1570	190	Dolo & Lime				
1570	1702	132	Dolo.				

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

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ILLEGIBLE

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator **Illamex Oil, Inc.**October 10 1957 (Date)
Address **P.O. Box 702, Artesia New Mexico**Position or Title **Secretary**

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NEW MEXICO OIL CONSERVATION COMMISSION

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

RECEIVED

SEP 18 1974

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)

1. OIL WELL ☒ GAS WELL ☐ OTHER- ☐		5a. Indicate Type of Lease State ☐ Fee ☒
2. Name of Operator Kewanee Oil Company		5. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 3786, Odessa, Texas 79760		7. Unit Agreement Name Atoka San Andres Unit
4. Location of Well UNIT LETTER E 1650 FEET FROM THE North LINE AND 990 FEET FROM THE West LINE, SECTION 14 TOWNSHIP 18-S RANGE 26-E NMPM.		8. Farm or Lease Name Tract 16
15. Elevation (Show whether DF, RT, GR, etc.) 3321' G. R.		9. Well No. 4
		10. Field and Pool, or Wildcat Atoka San Andres
		12. County Eddy

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

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. 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.

- 8-8-74 - Pumped 300 sacks class C cement with 2% CaCl into perforations 1645' - 1653'. Top of cement 1481'.
- 8-9-74 - Set cement retainer at 1245'. Could not pump through retainer after pulling stringer. Spotted 50 sacks class C cement from 1245' to 764'. Spotted 20 sacks cement from 610' - 417'. Spot cement plug from 0' - 10' & erected dry hole marker.

Pa A 8-9-74

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

SIGNED <u><i>M. B. Koss</i></u>	TITLE <u>Production Supervisor</u>	DATE <u>9-17-74</u>
APPROVED BY <u><i>Leon B. Bergstrom</i></u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>FEB 26 1975</u>
CONDITIONS OF APPROVAL, IF ANY:		

MALJAMAR AREA
ATOKA SAN ANDRES UNIT-0
Tract 16 Well No. 4
Fracture Treatment & P&A

FIELD: Atoka San Andres

FORMATION: San Andres

LOCATION: 1650' FNL & 990' FWL of Section 14,
T-18-S, R-26-E, Eddy County, New Mexico.

ELEVATION: 3321' G.R.

PERFORATIONS: 1645'-1653' - 4 shots per foot.

LAST TREATMENT PRIOR
TO CURRENT WO: 10-8-72 - Squeeze cement casing and 500 Gals.
15% acid.

PRODUCTION PRIOR
TO CURRENT WO: 0 oil and 1 BWPD.

8-05-74 Moved in Loyd Well Service and pulled rods and tubing. Spotted 200 gallons 15% acid on formation through tubing after pulling rods and pump. Shut down for night.

8-06-74 Rigged up Testers Inc. and blew up Baker Model A Tension Packer at 4700#. Split 3 out of 4 joints of 2-7/8" tubing at 2200 to 2700#. Shut down waiting on 3" frac tubing.

8-07-74 Ran 5-1/2" x 2" x 2-1/2" Guiberson Shorty Tension Packer on 3-1/2" EUE 8 Rd. Tubing and set at 1479' with 12 points tension. Fraced with 40,000 Gals. gelled water, 35,000# 20-40 sand and 5000# 10-20 sand, 400# J-2, 20 Gals. aquaflo, Average Press. 3700#, Maximum Press. 3900# and Minimum Press. 3450#. Average Injection Rate 36 BPM. ISDP 1050#, 10 minute SI 900#. Total load to recover 986 Bbls.

8-08-74 Tied well into frac tank and flowed 170 Bbls. sulphur water in 13 minutes. 900 BPH rate with small stream running out of casing. Hooked up Halliburton and pumped 300 sacks Class C cement with 2% Calcium Chloride down tubing into formation. Displaced cement out of tubing. Had small leak in tubing and let cement come back in tubing 2 joints. Shut down for night.

8-09-74 Ran sinker bar and depthometer in tubing and found cement in tubing. Unset packer and pulled and laid down 3" tubing. Picked up 2" tubing and ran 5-1/2" S.V. E-Z drill packer and set @ 1250'. Pumped into casing between packer and cement plug @ rate of 4 BPM @ 900#. Pulled stinger out of packer and could not get stinger into retainer far enough to open. Spotted 50 sacks Class C on top of retainer and 20 sacks Class C @ 600'. Preparing to clear location and install abandoned well marker.

Work Performed Under Supervision of: D. D. Van Meter

Wellbore Schematic

Surface Casing _____
Depth Set _____
Cement _____

Intermediate Casing 8 5/8"
Depth Set 1060'
Cement 450 sxs

Production String 5 1/2'
Depth Set 1702'
Cement 475 sxs

Perforations 1645 - 1653'
Tubing Depth _____

Conductor Casing _____
Depth Set _____
Cement _____

Set cement retainer at 1245'. could
not pump through retainer after
pulling stringer. Spotted 50 sacks
class C cement from 1245' to 764'.
spotted 20 sacks cement from
610-417'. Spot cement plug from
0-10' & erected dry hole marker.
P&A 8-9-74

Total Depth 1702'

OPERATOR Kewanee Oil Company
LEASE AND WELL NAME Atoka San Andres Unit Well #4
LOCATION 1650 FNL & 990 FWL Section 14, T-18-S, R-26-E
COUNTY AND STATE Eddy County, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

Yllamex Oil, Inc.

(Company or Operator)

Terry

(Lease)

Well No. **3**, in **SE** $\frac{1}{4}$ of **NW** $\frac{1}{4}$ of Sec. **14**, T. **18S**, R. **26E**, NMP

Atoka

Pool, **Eddy**

Coun

Well is **2980** feet from **East** line and **1650** feet from **North**

of Section **14**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **September 6,** 19 **57** Drilling was Completed, 19

Name of Drilling Contractor **Waters Drilling Company, Inc.**

Address **P.O. Box 144, Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head **3314 GL** The information given is to be kept confidential un
19

OIL SANDS OR ZONES

No. 1, from **1652** **1660** to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	NEW	1095	Float			water shut off
5 1/2	14	NEW	1740	Float			oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8	1095	450	circulate		
7 7/8	5 1/2	1740	475	Circulate to surface		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perf. with jet gun 4 shots to floor (32 shots).

Sandfrac with 10,000 Gal, 10,000 Lbs sand & 250 Gal HCl Acid.

Result of Production Stimulation **received 216 barrels oil in 24 hour test period using 1/16" choke**

Depth Cleaned Out

9-30-57

WELL CORRESPONDENCE

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30 015 00207
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	

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.)	
1. Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER INJECTION	7. Lease Name or Unit Agreement Name ATOKA SAN ANDRES UNIT
2. Name of Operator PENNZOIL EXPLORATION & PRODUCTION COMPANY	8. Well No. 135
3. Address of Operator P O BOX 50090 MIDLAND TEXAS 79710-0090	9. Pool Name or Wildcat ATOKA SAN ANDRES
4. Well Location Unit Letter <u>F</u> : <u>1650</u> Feet From The <u>NORTH</u> Line and <u>2980</u> Feet From The <u>EAST</u> Line Section <u>14</u> Township <u>18S</u> Range <u>26E</u> NMPM <u>EDDY</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3314' GL	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☒	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER ☐

12. 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.

- Drill out CIBP @ 1575'.
- Perf San Andres 1531-32', 1535-36', 1551-52', 1559-60', 1594-95', 1621-22', 1662-71', 1693-1704', 1709-10', 1722-27', & 1730-31' w/2 SPF (68 holes).
- Acidize San Andres perfs 1693-1731' overall w/2000 gallons of 15% NEFE HCL.
- Acidize San Andres perfs 1652-60' w/1500 gallons of 15% NEFE HCL.
- Acidize San Andres perfs 1531-1622' overall w/1500 gallons of 15% NEFE HCL.
- Fracture treat San Andres 1531-1622' overall w/41,000 gallons of gelled wtr., 31,000 pounds of 20/40/mesh sand, and 20,000 pounds of 16/30 mesh sand.
- Install injection assembly w/pkr at approx. 1500', perform mechanical integrity test, and place well on injection.

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

SIGNATURE Sharon Hindman TITLE Production Assistant DATE 7/14/97

TYPE OR PRINT NAME Sharon Hindman TELEPHONE NO. 915 686-350

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

11/11/57 well # 146
132-6

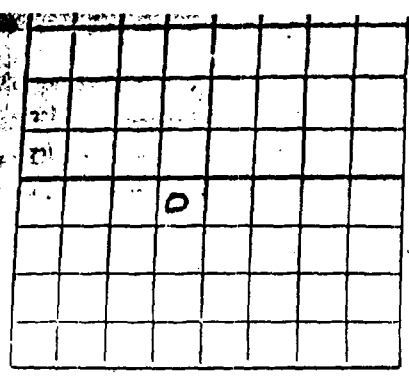
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OCT 11 1957

WELL RECORD

Oil Cons. Com.
ARTESIA OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was submitted later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies.



AREA 640 ACRES
LOCATE WELL CORRECTLY

Illman Oil, Inc.

(Company or Operator)

Prospect

(Lease)

Well No. 2, in NE 1/4 of SW 1/4, of Sec. 14, T. 14N, R. 26E, N. 100'

Atoka

Pool,

Edgy

Well is 2310 feet from South line and 2310 feet from East

of Section 14. If State Land the Oil and Gas Lease No. is

Drilling Commenced September 23, 1957, 19 Drilling was Completed October 1, 1957

Name of Drilling Contractor Walters Drilling Co., Inc.

Address P.O. Box 114 Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3315 The information given is to be kept confidential, 19

OIL SANDS OR ZONES

No. 1, from 1462 to 1482 No. 4, from to

No. ILLEGIBLE No. 5, from to

No. ILLEGIBLE No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	26.8	NEW	1100	float			water shut
7 7/8	14	NEW	1702	float			oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8 5/8	1100	450	circulated by pump		
7 7/8	7 7/8	1702	450	circulated by pump		

ILLEGIBLE

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Sand free after perf. from 1462-1572 with 10,000 gal lease crude, 10,000 gal sand and gal H.C. A. acid.

-A

Result of Production Stimulation

150 BOPD with 1/4" choke by first 24 hour run into tank

Depth Cleaned Out

10-10-57

WELL CORRESPONDENCE

LEGAL-REGULATORY

Well Service Report

Lease: ASAPU Well #: 146 Field: Atoka (S.A.) Rig Up Date: 3/3/97
 Wellbore #: _____ API #: _____ AFE #: _____ Rig Down Date: _____
 Rig Co.: POOL Yard: Hobbs Rig #: _____ Rig Operator: JUAN Rig Hours: 8.5

Well Status: AFTER WORK Zone # (ie: 01, 02, etc.) ☒ A Active ☐ PA Plugged / Abandoned ☐ SI Shut In ☐ TA Temporary Abandoned		Failure Cause: Mark 1 and/or 2 Bridge Bridge in Casing Coating Coating Disbonded Corrosion Corrosion ElGround Electrical Ground ElPower Elect Power Surge Erosion Erosion Fill Fill in Casing FldPound Pounding Fluid Gas Gas Lock/Interference Handling Handling MakeUp Make Up Torque Paraffin Paraffin Sand Sand Scale Scale TagBtm Tagging Bottom Trash Trash Wear Wear ☒ Unkwn Unknown		Failed Item Size: _____ (Use Standard Size of Item, not actual Diameter of Part)		Cost Estimates	
TYPE LIFT Zone # (ie: 01, 02, etc.) Disp Water Disposal ESP Elect. Sub Pump Flow Flowing GL Gas Lift Hyd Hydraulic Inj Injector Moyno Moyno Pump None No artificial lift Plunger Plunger Lift ☒ Rod Rod Pump WS Water Supply		Item and Part that Failed ☒ Casing-Any Casing Part ☐ ESP-Cable ☐ ESP-Motor ☐ ESP-Protector ☐ ESP-Pump ☐ ESP-Separator ☐ ESP-Unknown or Other ☐ Pump-Barrel ☐ Pump-Gas Anchor ☐ Pump-Hold Down ☐ Pump-Plunger ☐ Pump-Pull Rod ☐ Pump-Pull Tube ☐ Pump-Sand Screen ☐ Pump-Strainer ☐ Pump-Standing Valve ☒ Pump-Traveling Valve ☐ Pump-Unknown or Other ☐ Rod-Body ☐ Rod-On Off Tool ☐ Rod-Box (Regular) ☐ Rod-Box (Slim Hole) ☐ Rod-Pin ☐ Rod-Polish Rod ☐ Rod-Polish Rod Liner ☐ Rod-Rod Guide ☐ Rod-Roller Guide ☐ Rod-Shear Tool ☐ Rod-Stabilizer ☐ Rod-Unknown or Other ☐ Tbg-Blast Joint ☐ Tbg-Body ☐ Tbg-Bull Plug ☐ Tbg-Coupling ☐ Tbg-Mud Anchor ☐ Tbg-On Off Tool ☐ Tbg-Packer ☐ Tbg-Pin ☐ Tbg-Pin Collar ☐ Tbg-Pump Barrel ☐ Tbg-Seat Nipple ☐ Tbg-Tubing Anchor ☐ Tbg-X-Over ☐ Tbg-Unknown or Other ☐ Other-Any Other Item and Part		Failed Item Grade Csg C75 Csg C95 Csg FG Csg H40 Csg J55 Csg K65 Csg L80 Csg N80 Csg P110 Csg SS Csg V150 Rod C Rod D Rod EL Rod FG Rod HS Rod K Rod KD Rod N87 Rod SS Tbg C75 Tbg C90 Tbg C95 Tbg FG Tbg H40 Tbg J55 Tbg L80 Tbg N80 Tbg P105 Tbg SS		Acidize BOP/Tree Bridge Plug Casing Cementing Chemicals Downhole Tools Electric Log Environmental Equipment Test ESP Fishing Formation Test Frac Freight Gang Hot Oil Hot Water Hydro Test Location Mud Other Perforate Pump Truck 65 Rental Downhole Rental Surface Reverse Unit Rig 952 Rod/Tbg Pump 90 Rods Safety Scanalog Sinker Bar Spooler Stimulation Supervisor Surface Equip Tanks Transport Tubing Water 2" BALVINE 101 4" PRLINER 59	
Initial Reason for Work Acid Acid Stimulation Chem Chemical Treatment CO Clean Out Dpn Deepen Env Environmental ☒ EqC Equipment Change ☒ EqF Equipment Failure Frac Frac Stimulation HOHW Hot Oil / Hot Water Insp Well Inspection LS Long Stroke OC Original Completion PA Plug and Abandon PM Profile Modification PR Pattern Realignment PT Pump Truck RRC Regulatory Compliance SI Shut In Swab Swab TA Temp. Abandoned		Type of Failure ☐ Collapsed ☐ Electrical (downhole) ☐ Hole ☐ Mechanical ☐ Parted ☐ Plugged ☐ Split ☐ Stuck ☐ Unscrewed ☐ Other		Failed Item Coating ☐ Cement ☐ Duoline ☐ FG ☐ HDPE ☐ None ☐ Plastic ☐ PVC ☐ Other		Description: Failed Item (Use only if necessary)	
		Area Failed ☐ Internal ☐ External ☐ Unknown		Failure Depth (enter #) Rods from Surface Joints from Surface			
		Prepared By: <u>J. BURKHART</u>					

Well Service Report		Rig Up Date: 3/3/97
Lease: ASAU	Well #: 146	Rig Down Date:

Rig Down Date:

Well #: 146

Work Summary: MERU POOL LONGSTROKED PUMP. UNABLE TO GET PUMP ACTION
UNSEAT PUMP + POH. R+R PUMP. DROPPED S.V. + PRESS UP TO 1000^{PSI}
HELD OK. FISHED S.V. RTH W/ PUMP + RODS. RESPAVED PUMP.

RDMO Rig Placed Well ON Prod. @ 6Pm

Date Ran:

[illegible]

Date Ran:

Fill Depth:

Fill Date:

[illegible]**Rod/Tubing Comments:**

132.7

34

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:22AM P9

Checked 7/1/99
(Form C-101)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

JAN 5 1998

WELL RECORD

OIL CON. COM.
ARTESIA OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Martin Yates, III
(Company or Operator)

Everest
(Lease)

Well No. 2, in NW 1/4 of SW 1/4 of Sec. 14, T. 18 S, R. 26 E., NMPM.
Atoka Pool, Eddy County.

Well is 2310 feet from South line and 990 feet from West line
of Section 14. If State Land the Oil and Gas Lease No. is

Drilling Commenced Nov. 18, 1957 Drilling was Completed Nov. 29, 1957

Name of Drilling Contractor Waters Drilling Co.

Address Artesia, N. Mex.

Elevation above sea level at Top of Tubing Head 3337 KB The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 1666 to 1674 No. 4, from
No. 2, from to No. 5, from
No. 3, from to No. 6, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 0 to 710 feet Possible.
No. 2, from 1045 to 1100 feet
No. 3, from to feet
No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SEAM	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24#	New	1087				Surface string
5 1/2	14#	New	1731				Production string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8 5/8	1087	475	Halliburton		
	5 1/2	1731	450	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated 5 1/2" casing from 1666 to 1674 with 4 shots per foot.
Sand-fractured well from 1666 to 1674 with 10,000 gallons heavy oil and
10 000 pounds heavy sand. running 250 gallons MCA ahead of fracturing

ORD OF DRILL-STEM AND SPECIAL TEST

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....0.....feet to.....1743.....feet, and from.....feet to.....feet.
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....December 7....., 19.....57.

OIL WELL: The production during the first 24 hours was.....100.....barrels of liquid of which.....100.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....33.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Ashy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Manco.....
T. San Andres.....969.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	460	460	Clay, mud, gravel, anhydrite & lost circulation material.				
460	763	303	Anhydrite & sand				
763	1010	247	Anhydrite				
1010	1112	102	Anhydrite & lime				
1112	1388	276	Lime				
1388	1743	355	Lime & dolomite.				
1743	Total	Depth					

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
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ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

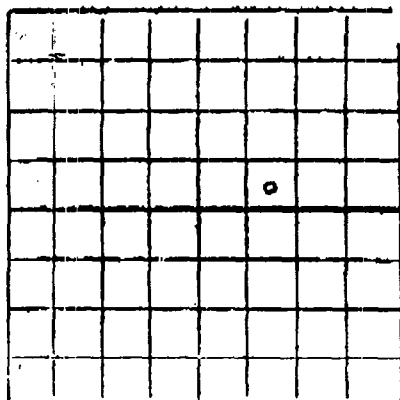
I hereby certify that the information given herewith is a complete and correct record of the well and all work done on it so far

Company or Operator MARLIN YATES, 111Address 314 W. 4th St. Santa Fe, N.M. 87501Name Nola BaderPosition or Title Bookkeeper**132-8****(35)**

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:24AM P11

Obvised 1/1/80
(Form C-101)AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MAP A 1956

WELL RECORD

Oil Conservation Commission
Santa Fe, New Mexico

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Stanley L. Jones
(Company or Operator)Terry No. 1
(Lease)Well No. 1, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 14, T. 18 south, R. 26 East, NMPM.Wildcat

Pool,

Eddy

County.

Well is 2310 feet from North line and 1650 feet from East lineof Section 14. If State Land the Oil and Gas Lease No. is _____Drilling Commenced January 20, 1956 Drilling was Completed February 19, 1956Name of Drilling Contractor Leonard L. George, Drilling ContractorAddress Hagerman, New MexicoElevation above sea level at Top of Tubing Head 3310' The information given is to be kept confidential until _____June 8, 1956

OIL SANDS OR ZONES

No. 1, from 1620 to 1690 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SEAM	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 1/8"	48#	used	40'				
8 3/4"	24#	used	740'				shut off water
5 1/2"	14#	new	1943'			1660'-1686'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16 3/8"	13 3/8"	40'	3			
9"	8 3/4"	740'	200	Halliburton		
6"	5 1/2"	1943'	165 + 136	Halliburton		
Through Bradenhead						

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qm. or Gals. used, interval treated or shot.)

2/17/56 gun perforated from 1660' to 1686', 4 shots to feet by jet gun.250 gals. mud ran ahead of sand-frac plus 50 bbls. raw crude. Sand-frac same

with 10,000 gal. refined oil and 10,000 lb. sand. Recovered all crude

JOURNAL OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 1964 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 19, 1956
OIL WELL: The production during the first 24 hours was 50 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anby 120'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	45	45	fill in	1774	1830	56	lime
45	95	50	clay gravel	1830	1918	78	sand
95	120	25	sand gravel	1918	1964	46	lime
120	190	70	anhy				1964 T.D.
190	345	155	red sand, blue clay				
345	496	141	anhy, red bed				
496	625	139	anhy & red bed				
625	635	10	anhy, red bed, lime				
635	729	94	anhy				
729	735	6	lime				
735	750	15	anhy				
750	777	27	lime				
777	883	106	lime & sand				
883	928	45	lime				
928	1331	403	lime & sand				
1331	1392	61	lime				
1392	1681	289	brown lime				
1681	1688	7	shale & sandy lime				
1688	1699	11	blue shale, sandy lime				
1699	1711	12	blue shale				
1711	1719	8	sand				
1719	1743	24	lime				
1743	1763	20	sand				
1763	1776	11					

ILLEGIBLE

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

No. Correl. Established 5

DISTRIBUTION

NO. FORWARDED

DATE

FILED

U.S.G.S.

Inspector

FILE

2

1

1

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.
March 7, 1956

ST. MARY L. JONES

P.O. Box 464, Artesia, New Mexico (Date)

Company or Operator

Address Bookkeeper

132-9

36

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

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OPERATOR	

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Form C-105
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

O.C.C.
ARTERIA. OFFICE

DISK OF THERM

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVER. ☐ OTHER _____

2. Name of Operator

Llano, Inc.

3. Address of Operator

P. O. Box 1320, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER G LOCATED 1650 FEET FROM THE north LINE AND 1880 FEET FROMTHE east LINE OF SEC. 14 TWP. 18S RGE. 26E NMPM12. County
Eddy15. Date Spudded 8-3-76 16. Date T.D. Reached 9-5-76 17. Date Compl. (Ready to Prod.) 9-16-76 18. Elevations (DF, RKB, RT, GR, etc.) 3307' GL 19. Elev. Casinghead _____20. Total Depth 9303 21. Plug Back T.D. 9,265 22. If Multiple Complet., How Many _____ 23. Intervals Drilled By Rotary Tools Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name

9,090 - 9,110' renew

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run Compensated neutron form density, dual laterolog, perforating depth control27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65	157'	20"	300 sx Class C w/2% CaCl ₂	Circ.
11-3/4"	47	1,170'	15"	450 sx lite wate +500 sx Class C.	Circ.
8-5/8"	24	1,950'	10-5/8"	300 sx lite wate +200 sx Class C.	Circ.
4-1/2"	10.5 & 11.6	9,303'	7-7/8"	200 sx lite wate +300 sx Class H.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	8,899'	8,899'

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

9,090 - 94' & 9,098 - 9,110' w/2JSPF
plus one additional shot per interval.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9,090 - 9,110'	3,000 gals. 7-1/2% MS, perf w/jet gun

33. PRODUCTION

Date First Production 9-16-76	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) SI
Date of Test 9-22-76	Hours Tested 24	Choke Size 3/4"
Flow Tubing Press. 915	Casing Pressure pkc	Calculated 24-Hour Rate 3
Oil - Bbl. 3	Gas - MCF 1,400	Water - Bbl. 3
Oil Gravity - API (Corr.) 55°		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

To be connected to Transwestern Pipeline Company

Test Witnessed By

Steve Collins

35. List of Attachments

DST Summary, Deviation record(logs mailed directly by Schlumberger)

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Manager of Petroleum and
Natural Gas Engineering

SIGNED

OKlaar

TITLE

DATE 10-15-76

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:27AM P14

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or recompleted well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests completed.

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1106.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
E. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres 937
T. Glorieta 2327
T. Paddock _____
T. Blinberry _____
T. Tubbs _____
T. Drinkard _____
T. Abo 4480
T. Wolfcamp (Lower) 5870
T. Wolfcamp (Upper) 7726
T. Penna _____
T. Cisco (Bough C) _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Loadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qzato _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	937		anhy				
938	2326		San Andres, lime				
2327	4479		Glorieta, lime				
4480	5869		Abo, lime				
5870	7725		Lower Wolfcamp, lime				
7726	8227		Penn, lime & shale				
8228	8697		Strawn, lime & shale				
8698	8964		Atoka, lime & shale				
8965	9303		Morrow, lime, shale & sand				

Lease: ALFA SAN ANDREAS UNIT 137

R.U. Date: 5/9/95

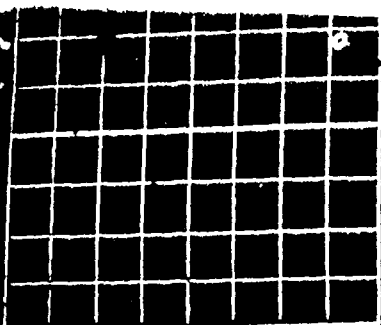
R.D. Date: 5/3/95

Summary of Work Performed:

MIRU Hughes Kill Truck. Press up on tong to 500# + load.
 15% NE/FE HCL Acid mixed w/ 27 gals. Western Unichem Techni-Wet
 20 gals. TS4600 (IRON CONTROL), 1 gal. TS4603 (ACTIVATOR) 10 gals.
 Reactant. Flushed w/ 40 Bbl's Fresh water Late Apply 3 BPM
 SI for 4 1/2 hrs. Placed well on Prod.

[illegible][illegible]

FILL DEPTH: _____



WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

National Drilling Co., Inc.

(Company or Operator)

Leavitt "5"

(Lease)

Well No. 6 in SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 34, T. 14N, R. 26E, NMP. Atoka Pool, 2407 Count.

Well is 2600 feet from North line and 310 feet from East line of Section 34E. If State Land the Oil and Gas Lease No. is _____.

Drilling Commenced February 23, 1940, 19____. Drilling was Completed March 8, 19____.

Name of Drilling Contractor National Drilling Co., Inc.

Address P.O. Box 244, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3300 feet. The information given is to be kept confidential unless _____.

OIL SANDS OR ZONES

No. 1, from 937 to 970 No. 4, from _____ to _____
No. 2, from 2420 to 2630 No. 5, from _____ to _____
No. 3, from 2600 to 2724 No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF BRINE	CUT AND FILLED FROM	PERFORATIONS	PURPOSE
<u>4 1/2</u>	<u>20</u>	<u>NEW</u>	<u>110</u>	<u>Flashed</u>		<u>2400-24</u>	<u>water drive</u>
<u>4 1/2</u>	<u>20.5</u>	<u>NEW</u>	<u>2750</u>	<u>Flashed</u>			<u>oil string</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>8 1/4</u>	<u>7</u>	<u>2420</u>	<u>200</u>	<u>Circulated to surface</u>		
<u>6 1/2</u>	<u>4 1/2</u>	<u>2720</u>	<u>250</u>	<u>Circulated to surface</u>		

RECORD OF PRODUCTION AND STIMULATION

Sand from 250' (250' to 2720') of 20,000 gal. water and 20,000 lb. sand from 2400-24.

Received all free fluid back by 8 A.M. March 14, 1940

Result of Production Stimulation _____

Depth Cleaned Out _____

ILLEGIBLE

PENNZOIL
Well Service Report

License: ALOKA SAN ANDREAS UNIT Well # 137 R.U. Date: 5/3/95
API# 3001500199 Well Bore # _____ AFE # _____
Field: ALOKA Rig Co. N/A Yard/Rig # N/A

R.D. Date: 5/3/95
Foreman: J. BURKHART
Operator: N/A

Well Status: (After Job)

☒	Zone #
☒	Active
☐	Plugged & Abandoned
☐	Shut In
☐	Temporary Abandoned

Type Lift:

☐	Zone #
☐	Elect. Sub Pump
☐	Flowing
☐	Gas Lift
☐	Hydraulic
☐	Injector
☐	Moyno Pump
☒	Rod Pump
☐	Water Supply
☐	Plunger Lift

Reason For Work:

☒	Acid Stimulation
☐	Chemical Inhibit or Squeeze
☐	Clean Out
☐	Deepen
☐	Environmental Necessity
☐	Equipment Change (Resize, etc.)
☐	Equipment Failure
☐	Frac Stimulation
☐	Hot Oil or Hot Water
☐	Well Inspection
☐	Long Stroke
☐	Original Completion
☐	Plug & Abandoned
☐	Profile Modification
☐	Pattern Realignment
☐	Pump Truck (Test)
☐	Regulatory Req'd Test (H-S)
☐	Shut In (No downhole work)
☐	T.A. (Downhole Work)

Type of Failure: N/A

☐	Collapsed
☐	Downhole Electrical
☐	Hole
☐	Mechanical Failures (ex. Pump, TAC, ESP)
☐	Other
☐	Equipment Part (Break)
☐	Plugged
☐	Split or Crack
☐	Stuck
☐	Unscrewed

Cause of Failure: (Mark 1 & 2)

☐	Bridge in Casing
☐	Coating Disbondment
☐	Corrosion
☐	Electrical Ground
☐	Elect Power Surge
☐	Erosion
☐	Fill in Casing
☐	Pounding Fluid
☐	Gas Lock or Interference
☐	Handling
☐	Make Up Torque
☐	Paraffin
☐	Sand
☐	Scale
☐	Tagging Bottom
☐	Trash
☐	Unknown
☐	Washed Out
☐	Wear

Failed Item: N/A

☐	Casing
☐	ESP
☐	Pump
☐	Rod
☐	Tubing
☐	Other _____

Failed Part: N/A

☐	ESP
☐	ESP Cable
☐	ESP Motor
☐	ESP Other
☐	ESP Prot. or Seal
☐	ESP Pump
☐	ESP Separator
☐	Pump
☐	Rod Body
☐	Reg. Rod Box
☐	Slim Hole Rod Box
☐	On Off Tool
☐	Rod Pin
☐	Polish Rod
☐	Polish Rod Liner
☐	Rod Guide
☐	Roller Guide
☐	Shear Tool
☐	Stabilizer
☐	Blast Jt
☐	Tubing Body
☐	Bull Plug
☐	Tubing Coupling
☐	Mud Anchor
☐	Packer
☐	Tubing Pin
☐	Pin Collar
☐	Seating Nipple
☐	Tubing Anchor
☐	Change Over
☐	Working Barrell (Tbg.)
☐	Other _____

Failed Size: N/A
(Standard Size)

Grade:

☐	C75
☐	C90
☐	C95
☐	FG
☐	H40
☐	J55
☐	L80
☐	N80
☐	P105
☐	SS
☐	C
☐	D
☐	EL
☐	HS
☐	K
☐	KD
☐	N97

Coating: N/A

☐	Cement
☐	Ductline
☐	FG
☐	HDPE
☐	None
☐	Plastic
☐	PVC
☐	Other _____

Area Failed: N/A

☐	Internal
☐	External
☐	Unknown

Description:

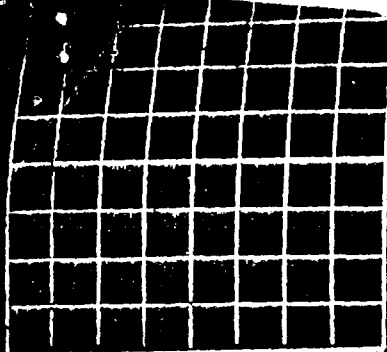
(Additional, if Needed)
DUMP ACID JOB

Failure Depth:

Number of Jts. or Rods
to Failure: N/A

Estimated Cost Detail:

Acidize	<u>\$700</u> ✓
Bridge Plug	
Casing	
Cementing	
Chemicals	<u>\$904</u> ✓
DH Tools (non-rental)	
Elec. Logs	
Environmental	
Equip. Testing	
ESP	
Fishing	
Formation Test.	
Frac	
Freight	
Gang	
Hot Oil	
Hot Water	
Hydro Test	
Location	
Mud	
Other	
Perforate	
Pump	
Pump Trk.	
Rental Downhole	
Rental Surf. Equip.	
Reverse Unit	
Rig	
Rods	
Safety	
Scanslog	
Sinker Bars	
Spooler	
Stimulation	
Supervisor	
Transport	
Tubing	
Water	<u>\$1604</u>



NEW ME

Santa Fe, New Mexico

122-11

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

JONES & MACARTHUR
(Company or Operator)

CLAYSON LEAVITT
(Owner)

Well No. 1 in SE $\frac{1}{4}$ of 16 $\frac{1}{4}$ of Sec. 14 T. 18S R. 26E NMPM.

undesignated Pool, Eddy County.

Well is 1650 feet from west line and 2990 feet from east line

of Section 14 If State Land the Oil and Gas Lease No. is

Drilling Commenced July 8, 19 56 Drilling was Completed July 22, 19 56

Name of Drilling Contractor Mahara Drilling Company

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from 950 to 955 No. 4, from

No. 2, from to No. 5, from

No. 3, from to No. 6, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF BORE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>8 5/8</u>	<u>244</u>		<u>785</u>				

MUDGING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>8</u>	<u>8 5/8</u>	<u>785</u>	<u>550</u>	<u>HOTCO</u>		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Result of Production Stimulation Flowing natural 42 bbls. in 7 1/2 hours.

Depth Cleaned Out

ILLEGIBLE

SANITARY		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Supersedes Old C-104 and L-1
Effective 1-1-65

RECEIVED

JUN 26 1969

O. C. C.
ARTESIA, OFFICE

Operator
Keweenaw Oil Company
Address
P. O. Box 2239, Tulsa, Oklahoma 74101

Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☒ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Atoka Grayburg Unit - Tr. 2	Well No. 1	Pool Name, Including Formation Atoka Grayburg	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter H ; 1650 Feet From The North Line and 330 Feet From The East Line of Section 14 Township 18S Range 26E , NMPM, Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Navajo Refining Company, Pipe Line Division	Address (Give address to which approved copy of this form is to be sent) North Freeman Avenue, Artesia, New Mexico 88201			
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 6066, Odessa, Texas 79760			
If well produces oil or liquids, give location of tanks.	Unit E	Sec. 13	Twp. 18S	Rge. 26E
				Is gas actually connected? Yes
				When -

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resv.	Diff. Resv.
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or more than top oil
able for this depth or be for full 24 hours)

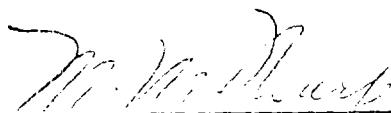
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation
Commission have been complied with and that the information given
above is true and complete to the best of my knowledge and belief.


M. H. Sharp
(Signature)
Chief Clerk
(Title)
June 24, 1969
(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUN 27 1969**, 19

BY **W. A. Gressett**
OIL AND GAS INSPECTOR

TITLE
This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deep
well, this form must be accompanied by a tabulation of the devi-
tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for a
able on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of o-
well name or number, or transporter, or other such change of cond-
Separate Forms C-104 must be filed for each pool in mul-
completed wells.

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Artesia, New Mexico
(Place)

July 23, 1956
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Jones & MacArthur

(Company or Operator)

H ✓

Sec. 14

T

188

(Lease) 268

NMPM,

undesignated

Pool

Unit Letter

Kddy

County. Date Spudded July 8, 1956

Date Completed July 22, 1956

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Elevation..... Total Depth 955', P.B.....

Top oil/gas pay 950' Name of Prod. Form *Shayberg*

Casing Perforations:..... or

Depth to Casing shoe of Prod. String.....

Natural Prod. Test 134 BOPD

based on 42 bbls. Oil in 7 Hrs. 30 Mins.

Test after acid or shot..... BOPD

Based on..... bbls. Oil in..... Hrs..... Mins.

Gas Well Potential.....

Size choke in inches.....

Date first oil run to tanks or gas to Transmission system: July 22, 1956

Transporter taking Oil or Gas: Malco Oil & Refining Company

Casing and Cementing Record

Size Feet Sax

8 5/8"	785'	550

Remarks: oil haul to Malco Oil & Refining Company by Sam Watson, Trucker.

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

Approved AUG 21 1956

JONES & MACARTHUR

(Company or Operator)

By: *Stella M. Jones*
(Signature)

Title: Secretary

Send Communications regarding well to:

Name: Stanley L. Jones

Address: Box 464, Artesia, New Mexico

OIL CONSERVATION COMMISSION

By: *M. L. Armstrong*

Title: OIL CONSERVATION COMMISSION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Result of Production Stimulation: Flowing natural 42 bbls. in 7 1/2 hours.

Depth Cleaned Out

COPIES RECEIVED	
DISTRIBUTION	
DATE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	☒

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
OCT 3 1975

O. C. C.
ARTERIA, OFFICE

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

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name Atoka Grayburg Unit
2. Name of Operator Kewanee Oil Company	8. Farm or Lease Name Atoka Grayburg Unit
3. Address of Operator P. O. Box 3786, Odessa, Texas 79760	9. Well No. 1
4. Location of Well UNIT LETTER H 1650 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE, SECTION 14 TOWNSHIP 18-S RANGE 26-E NMPM.	10. Field and Pool, or Wildcat Atoka Grayburg
15. Elevation (Show whether DF, RT, GR, etc.) NA	12. County Eddy

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

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. 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.

9-22-75 - Set cement retainer in 8-5/8" casing @ 744'. Pumped 150 sacks Class C with 2% CaCl below retainer @ 1100-1350 psi. Loaded hole above retainer with mud. Spotted 35 sacks Class C with 2% CaCl on top of retainer. Spotted 35 sacks Class C with 2% CaCl @ 550'. Circulated 35 sacks Class C with 2% CaCl from 100' to surface. Welded steel plate on 8-5/8" casing and cleaned location. Dry hole marker not installed to comply with landowners request. Plugging witnessed by OCC Representative - Leland Merris.

CTW-CC

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

SIGNED E. F. Stinson TITLE District Manager DATE October 2,
APPROVED Leon Bergstrom TITLE OIL AND GAS INSPECTOR DATE OCT 10 1975
CONDITIONS OF APPROVAL, IF ANY

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

M. H. Tharp M. H. Tharp
(Signature)
Chief Clerk
(Title)
June 24, 1969
(Date)

OIL CONSERVATION COMMISSION

APPROVED W. A. Green, 19
BY W. A. Green
TITLE OIL AND GAS INSPECTOR

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or de well, this form must be accompanied by a tabulation of the de tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for able on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of co
Separate Forms C-104 must be filed for each pool in r completed wells.

Wellbore Schematic

Surface Casing _____
Depth Set _____
Cement _____

Production String 8 5/8"
Depth Set 785'
Cement 550 sxs

Perforations _____
Tubing Depth _____

Total Depth 955'

Set cement retainer in 8 5/8" casing
@ 744' Pumped 150 sxs Class C
w/2% CaCl below retainer @
1100-1350 psi loaded hole above
retainer with mud. spotted 35 sacks
Class C with 2% CaCl @ 550'
Circulated 35 sxs Class C with 2%
CaCl from 100' to surface. Welded
steel plate on 8 5/8" casing and
cleaned location. P&A 9-22-75

OPERATOR	Kewanee Oil Company
LEASE AND WELL NAME	Leavitt #1 - Atoka Grayburg Unit
LOCATION	1650 FNL & 330 FEL, Sec 14, T-18-S, R-26-E
COUNTY AND STATE	Eddy County, New Mexico

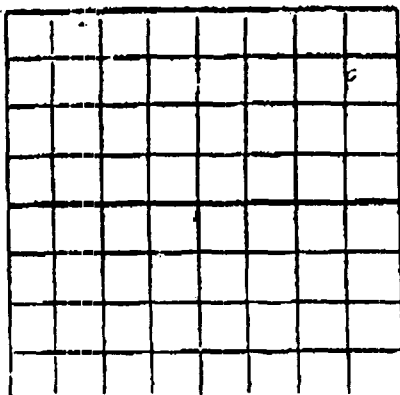
132-12

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:28AM P15

30

Obtained 1/1/98
From C-100AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
FEB 17 1961
O. C. C.
ASIA, OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-100 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

National Drilling Co., Inc.
(Company or Operator)Leavitt
(Lessee)

Well No. 10 in NE 1/4 of NE 1/4, of Sec. 14, T. 18S, R. 26E, NMPM.

Atoka-Grayburg

Pool,

Eddy

County.

Well is 990 feet from North line and 330 feet from East line

of Section 14. If State Land the Oil and Gas Lease No. is

Drilling Commenced December 5, 1960 Drilling was Completed December 10, 1960

Name of Drilling Contractor Stone Drilling Co.

Address P.O. Box 62, Seminole, Texas

Elevation above sea level at Top of Tubing Head 3302. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 960 to 965 No. 4, from

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF END	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7	23	used	950			none	Water Shut off

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 3/4	7E	990	250	Circulating to Surface		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qt. or Gal. used, interval treated or shot.)

250 Gal. HCl 17% acid ahead of 17,000 Gal. Lease Crude and 22,500 # sand

Result of Production Stimulation Received 26 BOED no water.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 930 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

Cored from 930-965

PRODUCTION

Put to Producing February 15, 1961

OIL WELL: The production during the first 24 hours was 26 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 37

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. ? Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg 960	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	67	67	Sand & Gravel				
67	300	233	Red Sand & Anhy				
300	592	292	Anhy				
592	825	233	Anhy & Sand				
825	930	105	Anhy				
930	965	35	Sand				

COLE CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
Received 6
DISTRIBUTION
NO. 1
BUREAU OF MINES
STATE LAND OFFICE
TRANSPORTER
FILE
BUREAU OF MINES

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Artesia, New Mexico February 17, 1961

NO. OF COPIES RECEIVED	
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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION

SEP 9 1970

O. C. D.

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

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

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.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name Atoka Grayburg Unit
2. Name of Operator Kewanee Oil Company	8. Farm or Lease Name Tract 2
3. Address of Operator P. O. Box 3786, Odessa, Texas 79760	9. Well No. 10
4. Location of Well UNIT LETTER <u>A</u> <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE, SECTION <u>14</u> TOWNSHIP <u>18S</u> RANGE <u>26E</u> NMPM.	10. Field and Pool, or Wildcat Atoka Grayburg
15. Elevation (Show whether DF, RT, GR, etc.) 3302' GL	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐PLUG AND ABANDON ☐
CHANGE PLANS ☐REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING TEST AND CEMENT JOBS ☐ALTERING CASING ☐
PLUG AND ABANDONMENT ☐OTHER ☒ Converting to water injection well

17. 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.

Pulled rods and tubing. Sand pumped to total depth 965' GL. Dumped 500 gallons diesel down casing followed by 250 gallons 15% regular acid. Ran 7" tension packer on 2-3/8" tubing coated internally with plastic. Loaded annulus with inhibited water and set packer at 873' GL. Started water injection 9-2-70. Well accepting 57 barrels water per day at 0 psi.

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

SIGNED: E. F. Stuckland TITLE: Division Superintendent DATE: 9-8-70
APPROVED BY: W. A. Gressett TITLE: OIL AND GAS INSPECTOR DATE: SEP 9 1970
CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

JUN 2 1982

O. C. D.
ARTESIA OFFICEForm C-103
Revised 12-1-7

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 18 1997 08:30AM P

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

JUN 2 1982

Form C-103
Revised 10-1-

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LAND OFFICE	
OPERATOR	☒

O. C. O.
ARTESIAL OFFICE5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

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.

7. Unit Agreement Name

8. Form or Lease Name

Atoka Grayburg Unit

9. Well No.

102

10. Field and Pool, or Wndcat

Atoka Grayburg

12. County

Eddy

13. Elevation (Show whether DF, RT, GR, etc.)

3302' GL

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

 PERFORM REMEDIAL WORK ☐
 TEMPORARILY ABANDON ☐
 PULL OR ALTER CASING ☐

 PLUG AND ABANDON ☐
 CHANGE PLANS ☐

 REMEDIAL WORK ☐
 COMMENCE DRILLING OPERATIONS ☐
 CASING TEST AND CEMENT JOBS ☐

 ALTERED PLANS ☐
 PLUG AND ABANDONMENT ☐
OTHER ☐

OTHER _____

7. 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.

Tag CIBP at 869'. Circulate hole with abandonment mud. Spot 35' plug on CIBP.
 Spot 123' surface plug. Set dry hole marker. Clean location. P&A 5-27-82.

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

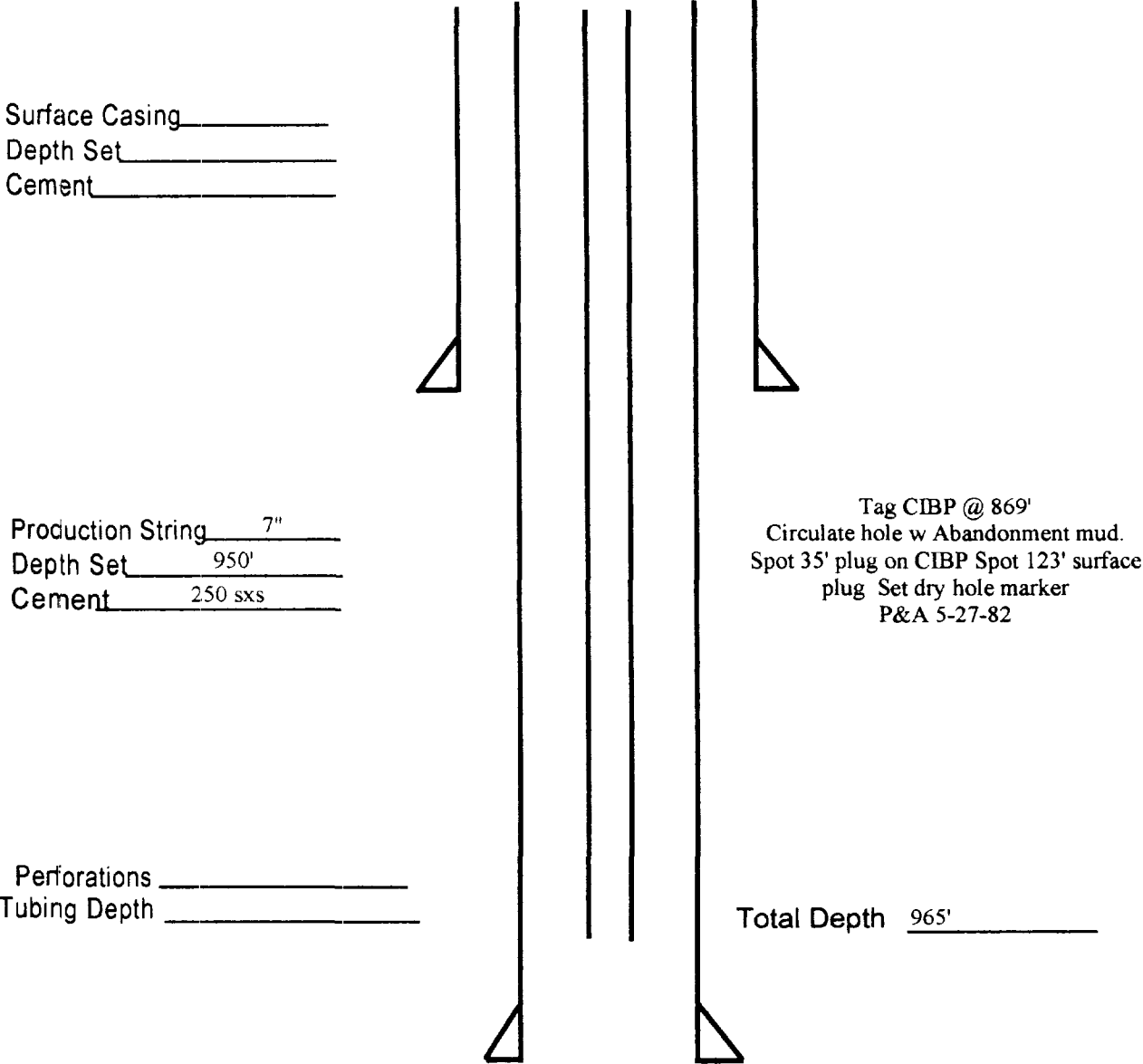
 SIGNED R. D. Pitzer TITLE Area Engineer DATE 5-28-82

 ORIGINAL SIGNED
 BY LARRY BROOKS
 GEOLOGIST - NMOCD

 APPROVED BY _____ TITLE _____ DATE 5/26/83

CONDITIONS OF APPROVAL, IF ANY:

Wellbore Schematic



OPERATOR _____ Gulf Oil Corporation
LEASE AND WELL NAME _____ Atoka Grayburg Unit Well # 102
LOCATION _____ 990 FNL, 330 FEL sec 14, T-18-S, R-26-E
COUNTY AND STATE _____ Eddy County, New Mexico

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-00194
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	

1. 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.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☐ OTHER INJECTION ☐

2. Name of Operator
PENNZOIL EXPLORATION & PRODUCTION COMPANY

3. Address of Operator
P O BOX 50090 MIDLAND TEXAS 79710-0090

4. Well Location
Unit Letter B : 990 Feet From The NORTH Line and 1650 Feet From The EAST Line
Section 14 Township 19S Range 26E NMPM EDDY County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3305' GL

11. 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 ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. 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. Pull out of hole with tbg. & pkr. Clean out to 1687'.
2. Run GR/CNL log from 1687' to 600'.
3. Perf San Andres based on GR/CNL log.
4. Acidize and fracture treat based on perforation procedure.
5. Install injection assembly, perform mechanical integrity test and place well on injection.

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

SIGNATURE Sharon Hindman TITLE Production Assistant DATE 7/14/97

TYPE OR PRINT NAME Sharon Hindman

TELEPHONE NO. 915 686-350

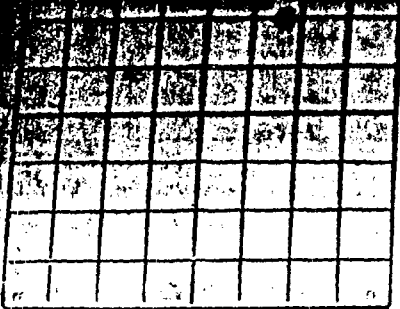
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

well #131

132-14



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Oil Cons. m.

Mail to District Office, Oil Conservation Commission, to which Form G-101 was sent no later than twenty days after completion of well. Follow instructions in Rules and Regulation of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

James O. MacArthur Jerry (Lease)

Well No. 2, in 1/4 of 1/4, of Sec. 14, T. 18S, R. 24E, NMPM
Stake Pool, Lady Count

Well is 990 feet from North line and 1450 feet from East line
of Section 14. If State Land the Oil and Gas Lease No. is

Drilling Commenced March 19, 1957, 19. Drilling was Completed April 7, 1957

Name of Drilling Contractor Mahree Drilling Co.

Address P.O. Box 645, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 1105. The information given is to be kept confidential unless otherwise stated, 19.

OIL SANDS OR ZONES

No. 1, from 1647 to 1661 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	used	1100				shot off use
5 1/2	14	new	1700				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12	8 5/8	1100	475	Circulated to top.		
7 7/8	5 1/2	1700	360	Circulate to top		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

4-9-57 Gun perf from 1650-1664 4 shots to foot, used 10,000 Gals. Fumaric acid
10,000 lbs sand, 250 MDA Acid

4-10-57 Recovered all Frac oil with in 24 hours, well is flowing 120 bbl per d:
on 24 hour test using 1/16" choke

Result of Production Stimulation Flowing 120 BLPD on 24 hour test using 1/16" choke

Depth Cleaned Out

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-015-25792

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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.)

1. Type of Well:

OIL

☒

GAS

☐

OTHER

2. Name of Operator

PENNZOIL EXPLORATION & PRODUCTION COMPANY

3. Address of Operator

P O BOX 50090 MIDLAND TEXAS 79710-0090

8. Well No.

161

9. Pool name or Wildcat

ATOKA SAN ANDRES

4. Well Location

Unit Letter G : 1750 Feet From The NORTH Line and 2310 Feet From The EAST Line

Section 14 Township 18S Range 26E NMPM EDDY County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3305.9

11. 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 ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. 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. Set casing patch over existing perms 1650-1670'.
2. Perf San Andres 1625', 32', 38', 41', 56', 62', 70', 80', 84', 93', 95', 96', 1710', 25', 45', 50', 57' and 63' w/1 SPF (18 holes).
3. Acidize San Andres perms 1625-1763' overall w/2500 gals 15% NEFE HCl.
4. Fracture treat San Andres perms 1625-1763' overall with 72000 gals of gelled wtr, 5000# of 100 mesh sand, 35,500# of 20/40 mesh sand, and 57,000# of 16/30 mesh sand.
5. Install prod. equipment and place on production.

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

SIGNATURE

Sharon Hindman

TITLE

Production Assistant

DATE 7/8/97

TYPE OR PRINT NAME

Sharon Hindman

TELEPHONE NO. 915 686-350

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

GEOLGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	
TYPE OF WELL	

5a. Indicate Type of Lease
State ☐ Fed ☐
5. State Oil & Gas Lease No.

TYPE OF COMPLETION	OIL WELL ☒	GAS WELL ☐	DRY ☐	OTHER ☐
WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
Atoka San Andres

8. Farm or Lease Name

Chevron U.S.A. INC.

Address of Operator

P.O. Box 670, Hobbs, NM 88240

Location of Well

9. Well No.
161

10. Field and Pool, or Wildcat
Atoka San Andres

ENTER G LOCATED 1750 FEET FROM THE North LINE AND 2310 FEET FROM

East LINE OF SEC. 14 TWP. 18S RGE. 26E NMPM

12. County
Eddy

14. Spudded 2-27-88 16. Date T.D. Reached 3-3-88 17. Date Compl. (Ready to Prod.) 3305.9 18. Elevations (DF, RKB, RT, GR, etc.) 3305.9 19. Elev. Casinghead

20. Total Depth 1850 21. Plug Back T.D. 1802 22. If Multiple Compl., How Many yes 23. Intervals Drilled By Rotary Tools yes Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name Atoka San Andres 1650- 1670 1518-1565 25. Was Directional Made no

26. Electric and Other Logs Run

GR/CCL/CBL

27. Was Well Cored no

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PUT
8 5/8	24#	900	12 1/4	700sx C1 C	circ Sur
5 1/2	15.5#	1850'	7 7/8	425sx C1 H	"

LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER
					2 3/8"	1749	

31. Completion Record (Interval, size and number)

1650-1670 (40 holes) 2 SPF 180°, 4" gun

1518-27, 1533-1542, 1559-65' w/2 1/2 JHPF, 180°, 34 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1650-1670	3000 gal 15% NEFF HCL
	frac w/8000 gal 40#Line
	15,000# 20/40sand
1518-1565	2400 gal 15% NEFF frac

33. PRODUCTION 24000# 20-40#sd, 10800 gal

34. Initial Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)

Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
tubing Press.	Casing Pressure	Calculated 24- Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (C)	

35. Location of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By

36. List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

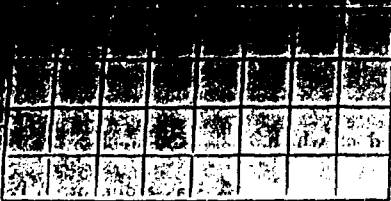
DATE March 21, 1988 TITLE Staff Drilling Engr.

SIGNED M. E. Abbin

LEGAL-REGULATORY

132-13

Well # 130

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE. If State Land submit 6

Illamex Oil, Inc. (Company or Operator) Leavitt "S" (Lease)

Well No. 4, in NE 1/4 of NE 1/4, of Sec. 14, T. 18, R. 26

Atoka Pool, Eddy

Well is 330 feet from North line and 330 feet from East of Section 14. If State Land the Oil and Gas Lease No. is

Drilling Commenced 7-18-57, 19 Drilling was Completed 8-6-57

Name of Drilling Contractor Mahres Drilling Company

Address P.O. Box 845, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3300 The information given is to be kept confidential

OIL SANDS OR ZONES

No. 1, from 670-1680 to No. 4, from to

No. 2, from 950 to 960 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	new	1100				shut
5 1/2	14	new	1740				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10	8 5/8	1100	400	circulate to top		
7 7/8	5 1/2	1740	380	circulate to top		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

8-1-57 Perf from 1670-1680 with jet gun, 4 shots to foot

Sandfrac with 10,000 gals & 10,000 # sand, 250 gal MCA acid

Result of Production Stimulation 192 BOPD with 1/16" choke on 24 hour test.

132 + 16

WELL # 12

CONTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOGState ☐ Fe
5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Part or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

11. County

12. Elevation (DB, RAB, RT, GR, etc.)

13. Elev. Casinghead

14. Date Spudded

15. Date T.D. Reached

16. Date Compl. (Ready to Prod.)

17. Elevations (DB, RAB, RT, GR, etc.)

18. Intervals Drilled by

19. Intervals Drilled by

20. Intervals Drilled by

21. Intervals Drilled by

22. Intervals Drilled by

23. Intervals Drilled by

24. Intervals Drilled by

25. Intervals Drilled by

26. Intervals Drilled by

27. Intervals Drilled by

28. Intervals Drilled by

29. Intervals Drilled by

30. Intervals Drilled by

31. Intervals Drilled by

32. Intervals Drilled by

33. Intervals Drilled by

34. Intervals Drilled by

35. Intervals Drilled by

36. Intervals Drilled by

37. Intervals Drilled by

38. Intervals Drilled by

39. Intervals Drilled by

40. Intervals Drilled by

41. Intervals Drilled by

42. Intervals Drilled by

14. TYPE OF WELL

b. TYPE OF COMPLETION

2. Name of Operator

3. Address of Operator

4. Location of Well

UNIT LETTER A LOCATED 107 FEET FROM THE North LINE AND 1230 FEET FROMTHE East LINE OF SEC. 14 TWP. 18S RGE. 26E

15. Date Spudded

16. Date T.D. Reached

17. Date Compl. (Ready to Prod.)

18. Intervals Drilled by

19. Intervals Drilled by

20. Intervals Drilled by

21. Intervals Drilled by

22. Intervals Drilled by

23. Intervals Drilled by

24. Intervals Drilled by

25. Intervals Drilled by

26. Intervals Drilled by

27. Intervals Drilled by

28. Intervals Drilled by

29. Intervals Drilled by

30. Intervals Drilled by

31. Intervals Drilled by

32. Intervals Drilled by

33. Intervals Drilled by

34. Intervals Drilled by

35. Intervals Drilled by

36. Intervals Drilled by

37. Intervals Drilled by

38. Intervals Drilled by

39. Intervals Drilled by

40. Intervals Drilled by

41. Intervals Drilled by

42. Intervals Drilled by

43. Intervals Drilled by

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT P
8 5/8"	24#	942'	12 1/4"	650 oil - C.C.	
5 1/2"	15.5#	1850'	7 7/8"	330 oil - C.C.	

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER
					2 3/8"	1745'	-

1. Perforation Details (Interval, size and number)

1662-72' w/ 2) JH

2. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL U
1662-72'	3300 gals 15% HFE, 10 gals oil, 12 338# 26/4

PRODUCTION

Date First Production		Production Method (Flowing, Gas lift, pumping - size and type pump)		Well Status (Prod. or Shut)	
2-10-85		Pumping		Prod	
Date of Test	Hours Tested	Test Type	Test Interval	Oil - Bbl.	Gas - Bbl.
2-24-85	24	W.O.	47	88	18
Flow Test Pressure	Casing Pressure	Test Interval	Oil - Bbl.	Gas - Bbl.	Oil Gravity - API
20#	20#	47	88	18	41°

24. Gas gravity, if gas (Solid, used for fuel, vented, etc.)

25. List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED RDP Pite TITLE AREA ENGINEER DATE 2-27-85

CERTIFICATE OF COMPLIANCE

hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

SIGNED RDP Pite
(Signature)
AREA ENGINEER
(Title)
2-27-85
(Date)

OIL CONSERVATION COMMISSION

APPROVED MAR 6 1985
BY Original Signed By
Leslie A. Clemens
TITLE Supervisor District IIThis form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or old well, this form must be accompanied by a tabulation of the route taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for old or new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of well name or number, or transportation or other such change of data.

RECEIVED BY

JUL 17 1985

O. C. D.

ARTESIA, OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTForm C-104
Revised 10-01-78
Format 05-01-83
Page 1

CO. OF COPIES DESTROYED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.A.	
LAND OFFICE	
TRANSPORTER	OIL
OPERATOR	GAS
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator

CHEVRON U.S.A. INC.

Address

P. O. Box 670, Hobbs, NM 88240

Reason(s) for filing (Check proper box)

☐ New Well☐ Recompletion☒ Change in Ownership

Change in Transporter of:

☐ Oil☐ casinghead Gas☐ Dry Gas☐ Condensate

Other (Please explain)

Name Change Effective 7-1-85

If change of ownership give name
and address of previous owner

Gulf Oil Corp., P. O. Box 670, Hobbs, NM 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Atoka San Andres</u>	Well No. <u>158</u>	Pool Name, including Formation <u>Atoka San Andres</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease
Location				
Unit Letter <u>A</u>	: <u>107</u> Feet From The <u>North</u> Line and <u>1230</u> Feet From The <u>East</u>			
Line of Section <u>14</u>	Township <u>18S</u>	Range <u>26E</u>	NMPM, <u>Eddy</u>	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
<u>Navajo Refining</u>	<u>Box 159, Artesia, NM 88210</u>
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips Petroleum</u>	<u>4001 Penbrook, Odessa, TX 7976</u>
If well produces oil or liquids, give location of tanks.	Is gas actually collected? When
<u>Unit A : 14 : 18S : 26E</u>	<u>Yes</u> <u>2-26-85</u>

If this production is commingled with that from any other lease or pool, give commingling order number

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

R.D. Pite
(Signature)

Area Engineer

(Title)

5-31-85

(Date)

OIL CONSERVATION DIVISION

APPROVED JUL 18 1985
BY Mike Williams
TITLE Oil & Gas InspectorThis form is to be filed in compliance with RULE 111.
If this is a request for allowable for a newly drilled or well, this form must be accompanied by a tabulation of the tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes well name or number, or transporter, or other such change of

Separate Forms C-104 must be filed for each pool completed wells.

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

R.D. Pite
(Signature)

AREA ENGINEER

(Title)

5-27-85
(Date)

Casing Pressure (Shut-In)

Choke Size

OIL CONSERVATION COMMISSION

APPROVED MAR 6 1985
BY Leslie A. Clammis
TITLE Supervisor District IIThis form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or well, this form must be accompanied by a tabulation of the tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes well name or number, or transporter, or other such change of

WELL NAME & NO	ASAU # 122			FIELD	Aloka S.A.				
SEC	11	TWP	18-S	RGE	26-E	COUNTY	Eddy	STATE	N. Mex.
AFE NO				PZL W.I.	100%	GROSS AFE			
JOB DESCRIPTION	Replace Rods and thng.					SUPPLEMENT 1			
						TOTAL GROSS AFE			

	SIZE	WT.	GRADE	DEPTH	THREAD
CSG STRING	7"	24#		1736' 100% J55	
TBG. STRING(S)	2 3/8"	4.70#	J55	1657'	8AND. EUE

PERF RECORD	1647' - 1666' (45PF, 76 Holes)			
COST ITEMS	TD	POTD	PERF/FMT	
	1736'	1713'		
LOC	POR	S.N.	EOT	SITP
RIG	# 133L	WORK PERFORMED 2/13/96 MTRU Pride Well Service. Layed in all		
MWD/HO	# 69	66-5/8" Rods. ND Wellhead NU BOP PU TagJT + Tag		
TANKS		bottom. LD TagJT. TTDH + LD all 53JTs 2 3/8" J55 thng.		
CMTG		Tagged bottom @ 1714' (NO FILM)		
H2S		TTTH 53JTs New 2 3/8" J55 thng. ND BOP NU		
E. LOGS		Wellhead. RTH w/ 66-5/8" NORRIS 78 Rods + T-couplings. Repaired 1 1/4" x 8" pmp.		
PERF		Sintered pmp + hung well on - led thng w/ 5 Bbls FW held press		
STIMULATION		OK Good pmp ACTION. Placed Well on Production		

		Tong Detail		Rod Detail	
TRANS		Length	Depth		
CSG	# 194	8.00'		1 1/4" x 11' Polish Rod w/ 5 1/8" x 1 1/4" Lw	
TBG	NEW 1659' x 2.01		8.00'	2-5/8" x 4' pony Rods	
NEW	# 3331			66-5/8" NEW NORRIS 78 Rods	
66-5/8" Rods NEW	# 1188	53JTs J55 thng.	1657.41'	1 1/4" x 8' x 2' RHBC pmp.	
DH TOOLS		8AND. EUE	1665.41'	PAP	
DH EQUIP	# 154	Seat Nipple	1.10'		
DH LIFT	# 102	2 3/8" API BAND.	1666.51'		
PMP U		Perf Sub	3.00'		
S EQUIP		J55 8AND.	1669.51'		
TREE (BOP)	# 336	Mud Anchor	31.36'		
CHEM		J55 Bore Pluggert	1700.87'		
OTHER					
SND depth 1665' Tong Suspended 12' off bottom					
TOTAL	# 7010	— END of REPORT —			
TDI	# 7010	RIG	Pride	SUPERVISOR	J. BURKHART

FORM 25-717

TO: J. Lowder

FROM: J. BURKHART

DATE: 2/15/96
PAGES INCLUDING
THIS PAGE: 1

FAX #:

FAX #:

PHONE #:

Vol. 107

Section 1

(Plat of 840 acres)

Elevation at top of casing in feet above sea level 3312 Total depth of well 1736 FBTD 1713
State whether well is shallow or artesian (oil well) Depth to water upon completion (oil well)

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1				
2				
3				
4				
5				

Section 3

RECORD OF CASING

[illegible]

Section 4

RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				
0	404	17½	-	None	Mudded in - Pulled
404	802	12¼	-	884	Pump & Plug
802	1736	8 3/4	10.48	500	Pump & Plug

Section 5

PLUGGING RECORD

(Not Applicable)

Name of Plugging Contractor _____ License No. _____
 Street and Number _____ City _____ State _____
 Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____
 Plugging method used _____ Date Plugged _____ 19____
 Plugging approved by: _____ Cement Plugs were placed as follows: _____

Cement Plugs were placed as follows:

No.	Depth of Plug		No. of Sacks Used
	From	To	

Basin Supervisor

FOR USE OF STATE ENGINEER ONLY

Date Received

File No. _____ Use _____ Location No. _____

AUTHORIZATION FOR EXPENDITURE - WELLS
PRODUCTION EQUIPMENT AND / OR OTHER COSTSDATE ISSUED
15-Feb-96PAGE
1 OF 1

AFE NO. 276-64062	TYPE 76	AFE NAME Atoka San Andres Unit #122 - Replace Rods and Tubing	OPERATOR Pennzoil Exploration & Production Co. 117126	
COMPANY PEPCO	020	DIVISION North American	003	DIVISION / SUB EOR 193
DISTRICT / ORG Permian EOR	039	DISTRICT / SUB	COUNTRY U.S.A.	
STATE New Mexico	30	COUNTY OR PARISH Eddy	015	TAX DISTRICT
FIELD OR AREA Atoka	1187	PRIMARY RESERVOIR San Andres	SECONDARY RESERVOIR Grayburg	
BOOK PROPERTY Atoka San Andres Unit #122	1005720-02	ASSOCIATED AFE	AFE CLASS 0515	COST PROPERTY 1005720- [X] DEV [] EXPL
PROJECT DESCRIPTION Replace rods and tubing to return well to production. Work completed on 2/13/96. Well produced 6 BOPD, 5 MCFD, and 6 BWPD during a January 1996 test.				
DATE TO START 2/96	DATE TO COMPL. 2/96	WELL BORE NO.	PLAY	DAYS TO DRILL
PROJ. GROUP		Est Depth TD		Est Depth TVD
[X] Oil [] SWD [] Water	[] Gas [] Inj	[X] Single [] Dual-2	[] Triple-3 [] Other	[X] Land-1 [] Marsh-2 [] Bay-3
ENVIRONMENTAL COST		ENVIRONMENTAL COST		% SAFETY & HEALTH
% AIR		% WATER		% LAND
DETAIL OF PRODUCTION EQUIPMENT AND OTHER COSTS				
A ACCOUNT	ELM	QUANTITY		AMOUNT 100%
T GEN SUB	XXX	XXX,XXX		XXX,XXX,XXX
R XXXX XXX	XXX	XXX,XXX		XXX,XXX,XXX
A 9146 215	491	Tubing (1650' of 2 3/8", J-55, 8rd, EUE, seating nipple)		3,500
A 9146 216	501	Salaries and Wages (1 day @ \$250/day)		250
A 9146 216	502	Payroll Burden		50
A 9146 216	536	Tool & Equipment Rental (BOP, etc.)		400
A 9146 216	546	Other Well Services (Pulling unit, fork lift, etc.)		1,400
A 9146 216	833	Auto & Truck Transportation		500
A 9148 220	211	Bottom Hole Pump (Repair)		100
A 9146 220	213	Sucker, Pony & Polished Rods (1650' of Grade D 5/8" rods)		1,200
TOTAL				\$7,400
SUMMARY OF ESTIMATED COST				
A PROPERTY ADDITIONS				\$7,400
R REMOVAL COST				
P SALVAGE PROCEEDS				
K SALVAGE PROCEEDS-SALES				
TOTAL COST		100.00000%		\$7,400
COMPANY COST		100.00000%		\$7,400
CO OWNERSHIP		APPROVAL / DATE		AUTHORIZATION / DATE
ORIGINATOR / DATE Jack T. Lowder 2/15/96		APPROVAL / DATE Jack T. Lowder		AUTHORIZATION / DATE Dennis F. ... 2/16/96
JOINT INTEREST APPROVAL				
COMPANY NAME				
APPROVAL / DATE				

WELL NAME & NO		ASAU # 122		FIELD		Atoka S.A.	
SEC	11	TWP	8-5	GE	26-E	COUNTY	Eddy
AFE NO		PZL	100%			STATE	N. Mex.
JOB DESCRIPTION						SUPPLEMENT 1	
						TOTAL GROSS AFE	

	SIZE	WT	GRADE	DEPTH	THREAD
CSG STRING	17"	24#		1736' 1000655'	
TBG STRING(S)	2 3/8"	1.70#	J55	1657'	8AND. EUE

PERF RECORD	1657' - 1664' (45PF 76 Holes)		
COST ITEMS	TD	POT	PERFS/FMT
	1736'	1713'	
LOC	PKR	S.N	EOT

RIG	# 1326	WORK PERFORMED	Prude Well Service, Layed in all
MADE/NO	# 69	66 5/8" Rod	ND Wellhead NU BOP PU Tag JT + Tag
LA TRACK		bottom, LD Tag JT. T10H + LD all 53JTs 2 3/8" J55 tubing.	
TANKS		Tagged bottom @ 1714' (NO FILL)	
CMTG		T124 53Jt. New 2 3/8" J55 tubing. ND BOP NU	
H2S		Wellhead. P14 of 66 5/8" NORRIS 78 Rods + T-couplings, Repaired 1 1/4" x 8" pmp.	
E LOGS		Installed pmp + tubing well on - let tubing w/ 5 Bbls FW held pressure	
PERF		of good, dry action. Placed well on production	
STIMULATION			

BUPV		Tubing static	Root Detail
TRNG	# 194	Length	Depth
CSG		8.00'	1 1/4" x 11' Polish Rod w/ 5 1/2" x 1 1/2" line
TBG	1657' x 2.01' # 3331		8.00'
NEW			2 - 5/8" x 4' pony Rods
66 5/8" Rods NEW	# 1188	53JTs J55 tubing	1657.41'
DH TOOLS		8AND. EUE	1665.41'
DH EQUIP	# 154	53AT Nipple	110'
SANTALINIC			
DH LIFT	# 102	2 3/8" API 8and	1666.51'
pmp Repair		port Sub	3.00'
PMPG U		J55 8and	1669.51'
B EQUIP			
TREE (BOP)	# 336	Mad Anchor	11.36'
CHEM		J55 Bore Auger	1700.87'
OTHER			

TOTAL	# 7010	End of Report
TOT	# 7010	Prude
		SUPERVISOR J. BURKHART

FORM 25-717

TO J. Lowder

FAX #

FROM J. BURKHART

FAX #

PHONE #

DATE: 2/15/96

PAGES INCLUDING THIS PAGE: 1

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PAGE.001

Weil #10

Santa Fe, New Mexico

BUREAU OF MARINE RESEARCH				3	
OPERATION OFFICE					
CLASS NO.	1		2	3	4
DATE OF DEPARTURE	4-1		5	6	7
U.S.A. NO.	2		3	4	5
CLASS OF VESSEL	3		4	5	6
NAME OF VESSEL	4		5	6	7
NAME OF CAPTAIN	5		6	7	8
NAME OF ENGINEER	6		7	8	9
NAME OF SURGEON	7		8	9	10
NAME OF CHIEF OF PARTY	8		9	10	11
NAME OF CHIEF OF PARTY	9		10	11	12
NAME OF CHIEF OF PARTY	10		11	12	13
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NAME OF CHIEF OF PARTY	49		50	51	52
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NAME OF CHIEF OF PARTY	64		65	66	67
NAME OF CHIEF OF PARTY	65		66	67	68
NAME OF CHIEF OF PARTY	66		67	68	69
NAME OF CHIEF OF PARTY	67		68	69	70
NAME OF CHIEF OF PARTY	68		69	70	71
NAME OF CHIEF OF PARTY	69		70	71	72
NAME OF CHIEF OF PARTY	70		71	72	73
NAME OF CHIEF OF PARTY	71		72	73	74
NAME OF CHIEF OF PARTY	72		73	74	75
NAME OF CHIEF OF PARTY	73		74	75	76
NAME OF CHIEF OF PARTY					

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

Socony Mobil Oil Company, Inc.
(Company or Operator)

Brainard Unit

Well No. 1, in SE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 11, T. 18 S, R. 26 E, NMPM.
Undesignated Pool, Eddy County.

Well is 990 feet from East line and 990 feet from South line
of Section 11 If State Land the Oil and Gas Lease No. is -

Drilling Commenced 10/27 1962 Drilling was Completed 11/30 1962

Name of Drilling Contractor. McVay Drilling Company

Address.....308 Philtower, Tulsa 3, Oklahoma

Elevation above sea level at Top of Tubing Head.....3309..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 9046 to 9102 No. 4, from to

No. 2, from to No. 5, from to **APR 11 1962**

No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to feet

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	24	New	1256	-	-	-	Surface Casing
4-1/2	11.6, 9.5	New	9181	-	-	9046 - 9102	Production Casing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4	8-5/8	1256	1600	Pump & Plug	-	-
7-7/8	4-1/2	9181	1100	Pump & Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perfs. 9046-9102 - 500 gal. 15% MCA Acid + 1500 gal 15% NE Acid + 43,852 gal. Gel. Salt
Water + 27,000# 20-40 Sand + 1625# 20-30 Walnut Hulls + 30 RCN Ball Sealers.

Result of Production Stimulation

Depth Cleaned Out

...Depth Cleaned Out

AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED

132-17

OCT 24 1978

U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
REGULATOR	
REGISTRATION OFFICE	

Operator
Gulf Oil Corporation

O. C. C.
ARTESIA, OFFICE

Box 670, Hobbs, N.M. 88240

Reason(s) for filing (Check proper box)

New Well	☐	Change in Transporter of:	
Recompletion	☐	Oil	☐
Change in Ownership	☐	Casinghead Gas	☐
		Dry Gas	☐
		Condensate	☐

Other (Please explain)

Change in well number designation;
formerly Tr. 7, Well # 1
effective 9-1-78

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Atoka San Andres Unit	Well No. 122	Pool Name, including Formation Atoka San Andres	Kind of Lease State, Federal or Fee Fee
Location Unit Letter 0 : 330 Feet From The South Line and 2310 Feet From The East Line of Section 11 Township 18-S Range 26-E , NMPM, Eddy			

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Navajo Refining Company, Pipeline Division	Address (Give address to which approved copy of this form is to be sent) North Freeman Avenue, Artesia, N.M. 88210
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, Texas 79762
If well produces oil or liquids, give location of tanks.	Unit E Sec. 13 Twp. 18S Rge. 26E Is gas actually connected? Yes When 11-25-59

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res't.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.		
Elevations (DF, RAB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth		
Perforations					Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceedable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

OIL CONSERVATION COMMISSION

OCT 30 1978

APPROVED _____, 19

BY W. A. Gressett

TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1.
If this is a request for allowable for a newly drilled well, this form must be accompanied by a tabulation of all tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely on new and recompleted wells.

Fill out only Sections I, II, III, and VI for change well name or number, or transporter, or other such change.

Separate Forms C-104 must be filed for each pool completed wells.

Area Engineer

(Title)

10-16-78

(Date)

FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	

AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED

OCT 24 1978

O. C. C.
ARTESIA, OFFICE

I. OPERATOR

Operator
Gulf Oil Corporation

Address
Box 670, Hobbs, N.M. 88240

Reason(s) for filing (Check proper box)

New Well ☐	Change In Transporter of:	Other (Please explain)
Recompletion ☐	Oil ☐	Change in well number designation
Change In Ownership ☐	Casinghead Gas ☐	formerly Tr. 6, Well #1
		effective 9-1-78

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Atoka San Andres Unit	Well No. 113	Pool Name, Including Formation Atoka San Andres	Kind of Lease State, Federal or Fee	Fee
Location Unit Letter <u>J</u> : <u>1645.5</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>East</u>				
Line of Section <u>11</u> Township <u>18-S</u> Range <u>26-E</u> . NMPM, <u>Eddy</u>				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is)
Injection Well - Closed In	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Re
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.		
Elevations (D.F., RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth		
Perforations					Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CE

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or able for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (flow, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

A. P. Sikes Jr.
(Signature)

Area Engineer

10-16-78

(Title)

(Date)

OIL CONSERVATION COMMISSION

OCT 30 1978

APPROVED

BY

W. A. Grissett
SUPERVISOR, DISTRICT II

TITLE

This form is to be filed in compliance with rule 10. If this is a request for allowable for a newly drilled well, this form must be accompanied by a tabulation of tests taken on the well in accordance with rule 10. All sections of this form must be filled out complete on new and recompleted wells. Fill out only Sections I, II, III, and VI for each well name or number, or transporter, or other such data. Separate Forms C-104 must be filed for each recompleted well.

DISTRIBUTION	
SANTA FE	
FILL	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

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

RECEIVED

MAR 29 1982

Revised 10-1-77

5a. Indicate Type of Well
State ☒ Artesian ☐ Other ☐

5. State Oil Field Name
HOBBS AREA

SUNDY 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 TO DRILL" FORM C-101 FOR SUCH PROPOSALS.

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER - Injection	7. ☒ Artesian ☐ Other
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name Atoka San Andres Uni
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 113
4. Location of Well UNIT LETTER <u>J</u> , <u>1645.5</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>11</u> TOWNSHIP <u>18S</u> RANGE <u>26E</u> NMPM.	10. Field and Pool, or Wildcat Atoka San Andres
15. Elevation (Show whether DF, RT, GR, etc.) 3316' GL	12. County Eddy

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

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER <u>TA</u>	

17. 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.

POH with packer and tubing. Set CIBP at 1576'. Circulate Test CIBP 500#.
GIH with open-ended tubing. TA 3-17-82.

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

SIGNED R. D. Pattee TITLE Area Engineer DATE 3-26-82

APPROVED BY M. H. Walker TITLE OIL AND GAS INSPECTOR DATE APR 1 1982

CONDITIONS OF APPROVAL, IF ANY:

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Area Engineer

10-16-78

(Title)

(Date)

Testing Method (pilot, back fr.)

Tubing Pressure (Shut-In)

Casing Pressure (Shut-In)

OIL CONSERVATION COMMISS

OCT 30 1978

APPROVED BY W. A. Grissett

TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with
If this is a request for allowable for a newly well, this form must be accompanied by a tabulated logs taken on the well in accordance with rule
All sections of this form must be filled out on new and recompleted wells.
Fill out only Sections I, II, III, and VI for well name or number, or transporter, or other such
Separate Forms C-104 must be filed for recompleted wells.

132-19

Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

NOTED
SEP 12 1956
New Mexico
Recom

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during the month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Kermit, Texas Sept. 7, 1956
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Magnolia Petroleum Co. D. E. Fanning, Well No. 1, in NW 1/4 SE 1/4
(Company or Operator) (Lease)
J, Sec. 11, T. 18S, R. 26E, NMPM, Undesignated Alaska
(Unit)

Eddy County. Date Spudded 8-17-56, Date Completed 9-6-56

Please indicate location:

		2310'	
		1645.5'	

Elevation 3316 G Total Depth 1797, P.B. 1788

Top oil/gas pay 1654 Name of Prod. Form San Andres

Casing Perforations: 1654 - 1672

Depth to Casing shoe of Prod. String 1797

Natural Prod. Test Swabbed dry B

based on bbls. Oil in Hrs.

Test after acid or shot Sand frac. w/10,000 gals. 79 B

Based on 46.2 bbls. Oil in 14 Hrs. -

Gas Well Potential

Size choke in inches 13/64

Date first oil run to tanks or gas to Transmission system: 9-5-56

Transporter taking Oil or Gas: McWood Corp.

Casing and Cementing Record

Size Feet Sax

8 5/8	1225	700
5 1/2	1797	350

Remarks: Gravity 37.8° at 60° F GOR 584:1

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

Approved, 19

Magnolia Petroleum Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: E. L. Kintzbaum
(Signature)

By:

Title: Petroleum Engineer
Send Communications regarding well to:

Title:

Name: V. M. Leonard

Address: Box 727, Kermit, Texas

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

(See Attachment)

Result of Production Stimulation

Depth Cleaned Out

9-7-56

WELL CORRESPONDENCE

LEGAL-REGULATORY

132-20

Instructions

Well #121

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1

2310'		330'	

(A) Owner of well

Standard Oil Co. of Texas

Street and Number

Box 648

City

Mesquite

State

Texas

Well was drilled under Permit No.

and is located in the

SS 1/4 SW 1/4

1/4 of Section 11

Twp. 18 S

Rge. 26 E

(B) Drilling Contractor

Geokle Drilling Co.

License No.

Street and Number

Box 2076

City

Lubbock

State

New Mexico

Drilling was commenced

Aug. 21

19 56

Drilling was completed

Sept. 18

19 56

(Plat of 640 acres)

Elevation at top of casing in feet above sea level

3313

Total depth of well

3710

State whether well is shallow or artesian

Depth to water upon completion

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1				None Started
2				
3				
4				
5				

Section 3

RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth		Feet	Type Shoe	Perforations	
			Top	Bottom			From	To
8-5/8	24		0	1178	1163	Float		
3-1/2	14		0	1708	1708	Float	1644	1669

Section 4

RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				
0	1178	11	11.0 #/gal	400	Pump and Plug
0	1708	7-7/8	9.8 #/gal	175	Pump and Plug

Section 5

PLUGGING RECORD

Name of Plugging Contractor

License No.

Street and Number

City

State

Tons of Clay used

Tons of Roughage used

Type of roughage

Plugging method used

Date Plugged

19

Plugging approved by:

Cement Plugs were placed as follows:

Basin Supervisor	
FOR USE OF STATE ENGINEER ONLY	
Date Received	SEP 15 1958
OFFICE GROUND WATER SUPERVISOR BOHWEIL, NEW MEXICO	

No.	Depth of Plug		No. of Sacks Used
	From	To	

Location No.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30 015 00307
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

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.)	
1. Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER INJECTION	7. Lease Name or Unit Agreement Name ATOKA SAN ANDRES UNIT
2. Name of Operator PENNZOIL EXPLORATION & PRODUCTION COMPANY	8. Well No. 121
3. Address of Operator P O BOX 50090 MIDLAND TEXAS 79710-0090	9. Pool name or Wildcat ATOKA SAN ANDRES
4. Well Location Unit Letter <u>N</u> : <u>330</u> Feet From The <u>SOUTH</u> Line and <u>2310</u> Feet From The <u>WEST</u> Line Section <u>11</u> Township <u>18S</u> Range <u>26E</u> NMPM <u>EDDY</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3325' GL	

11. 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 ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. 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. Drill out CIBP @ 1555'. Clean out to 1596'.
2. Run GR/CNL log from 1696' to 600'.
3. Perf San Andres based on GR/CNL log.
4. Acidize and fracture treat based on perforation procedure.
5. Install injection assembly, perform mechanical integrity test and place well on injection.

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

SIGNATURE Sharon Hindman TITLE Production Assistant DATE 7/14/97
TYPE OR PRINT NAME Sharon Hindman TELEPHONE NO. 915 686-3505

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

132-21

40

FROM : SOUTHWEST RECORDS SEARCH

PHONE NO. : 505 7469467

Jul. 21 1997 12:26PM P11

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DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	1

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEC 4 1972

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Felmont Oil Corporation

3. Address of Operator

c/o Oil Reports & Gas Services, Inc., Box 763, Hobbs, New Mexico

4. Location of Well

UNIT LETTER N LOCATED 990 FEET FROM THE South LINE AND 1650 FEET FROM
THE West LINE OF SEC. 11 TWP. 18S RGE. 26E NMPM

15. Date Spudded 9/26/72 16. Date T.D. Reached 10/23/72 17. Date Compl. (Ready to Prod.) 11/4/72 18. Elevations (DF, RKB, RT, GR, etc.) 3332 KB 3319 ft. 19. Elev. Casinghead

20. Total Depth 9191 21. Plug Back T.D. 9148 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 24. Cable Tools 0 - TD

24. Producing Interval(s), of this completion - Top, Bottom, Name

8968-8978 Strawn

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

Acoustic Velocity, Induction-Electric

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16	65#	190	20	250	none
11 3/4	42#	1195	15	875	none
8 5/8	24#	1800	10 5/8	300	none
4 1/2	10.5# & 11.6#	9190	7 7/8	330	none

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	8944	8931

31. Perforation Record (Interval, size and number)

8968-8978, 2 shots per foot

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL 8968-78 AMOUNT AND KIND MATERIAL USED none, natural

33. PRODUCTION

Date First Production 11/5/72 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut In

Date of Test 11/7/72 Hours Tested 24 * Choke Size 36/64 Prod'n. For Test Period Oil - Bbl. 12 Gas - MCF 4750 Water - Bbl. none Gas-Oil Ratio 395,833

Flow Tubing Press. 1298# Casing Pressure Pkr Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) 56.6

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

To be sold * Last rate 4-point test; CAOF 11,332

Test Witnessed By

Roy T. Hase

35. List of Attachments

1 copy electric logs, 2 copies deviation survey.

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

[Signature]

TITLE

Agent

DATE

12/1/72

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southwestern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka 8614	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 980	T. Simpson _____	T. Gallup _____	T. Ignacio Otze _____
T. Glorieta 2280	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Minebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 3825	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 4475	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 5865	T. Morrow 8726	T. Chinle _____	T. _____
T. Penn. 7760	T. Chester 9130	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	980	980	Sand & Shale			DST #1	8876-9191 Gas to surface in minutes; flow at rate 2900 MCFFD 5 min on 1/2" choke 500#; 10 mins 1/
980	2280	1300	Dolomite with Shale Streaks				choke 1600 MCFFD 1200#; 15 mins 3/
2280	2500	220	Sand & Dolomite				choke 1100 MCFFD 1500#; 20 mins 3/
2500	2750	250	Dolomite				choke 1250 MCFFD 1800#; 25 mins 10
2750	3825	1075	Dolomite & Shale				choke 1400 MCFFD 2000#; 30 mins 10
3825	4200	375	Sand with Dolomite Streaks				choke 1500 MCFFD 2100#. Rec 20' di
4200	4475	275	Dolomite				160' gas cut mud. IHP 4308, FHP 43
4475	4650	175	Red & Green Shale				IHP 1716, FFP 2831, ISIP 3167, FSI
4650	5100	450	Dolomite with slight Porosity, No Show				(90 mins) 3167.
5100	5500	400	Shale with Dolomite Streaks				
5500	5900	400	Dolomite				
5900	6800	900	Lime with Gray & Black Shale Streaks				
6800	7750	950	Shale with few Tite Sand Zones				
7750	8600	850	Lime & Shale				
8600	8900	300	Lime, Shale & Tite Sand				
8900	9000	100	Sand with few Shale Streaks				
9000	9130	130	Shale				
9130	9185	55	Lime				

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DISTRIBUTION		
SANTA FE	1	
FILE	1	✓
U.S.G.S.	2	
LAND OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease	
State ☐	Fee ☐
5. State Oil & Gas Lease No.	

132-22

37

[Handwritten signature and initials]

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1

470	110		

(Plat of 640 acres)

(A) Owner of well Standard Oil Company of Texas
 Street and Number Box 698
 City Honolulu State Texas
 Well was drilled under Permit No. _____ and is located in the
 _____ 1/4 Sec. _____ 1/4 Sec. _____ 1/4 of Section 11 Twp. 18 N Rge. 26 E
 (B) Drilling Contractor Geckle Drig. Co. License No. _____
 Street and Number Box 2076
 City Hobbs State New Mexico
 Drilling was commenced 10-16 1956
 Drilling was completed 10-26 1956

Elevation at top of casing in feet above sea level 3323 Total depth of well 1696
 State whether well is shallow or artesian _____ Depth to water upon completion _____

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1	<u>1150</u>			<u>Fresh Water</u>
2				
3				
4				
5				

Section 3

RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth		Feet	Type Shoe	Perforations	
			Top	Bottom			From	To
<u>8-5/8</u>	<u>28</u>			<u>11</u>	<u>1178</u>	<u>Float</u>		
<u>5-1/2</u>	<u>14</u>				<u>1696</u>	<u>Float</u>	<u>1636</u>	<u>1668</u>

Section 4

RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				
<u>0</u>	<u>1178</u>	<u>11</u>	<u>10 1/2 gal</u>	<u>400</u>	<u>Pump & Plug</u>
<u>0</u>	<u>1696</u>	<u>7-7/8</u>	<u>9.3 1/2 gal</u>	<u>160</u>	<u>Pump & Plug</u>

Section 5

PLUGGING RECORD

Name of Plugging Contractor _____ License No. _____
 Street and Number _____ City _____ State _____
 Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____
 Plugging method used _____ Date Plugged _____ 19 _____
 Plugging approved by: _____ Cement Plugs were placed as follows:

FOR USE OF STATE ENGINEER ONLY	
Date Received	SEP 25 1958
OFFICE GROUND WATER SUPERVISOR ROSWELL, NEW MEXICO	
File No. <u>0-2-E-120</u>	Use _____ Location No. _____

No.	Depth of Plug		No. of Sacks Used
	From	To	

132-23

Well # 159

SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

 5a. Indicate Type of Lease
 State ☐ F
 5. State Oil & Gas Lease No.

1. TYPE OF WELL

 OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

2. TYPE OF COMPLETION

 NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

3. Name of Operator

Gulf Oil Corp.

4. Address of Operator

P.O. Box 670, Hobbs, NM 88240

5. Location of Well

UNIT LETTER C LOCATED 125 FEET FROM THE North LINE AND 166.5 FEET FROMTHE West LINE OF SEC. 14 TWP. 18S RGE 26E15. Date Spudded 1-18-85 16. Date T.D. reached 1-24-85 17. Date Compl. (Ready to Prod.) 2-3-85 18. Elevations (D.P., R.N.B., R.T., G.R., etc.) 3320.2' G.L. 19. Elev. Casing in20. Total Depth 1879' 21. Plug Back T.D. 1835' 22. If Multiple Compl., How Many Single 23. Intervals Drilled By C-1879' 24. Rotary Tools

24. Producing intervals, of this completion - Top, bottom, Name

1640-61' San Andres

25. Was Direction Made

No

26. Type Electric and other Logs run

CNDL; DIL; ML

27. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT
<u>8 5/8"</u>	<u>24#</u>	<u>943'</u>	<u>12 1/4"</u>	<u>650-24-Circ</u>	
<u>5 1/2"</u>	<u>15.5#</u>	<u>1879'</u>	<u>7 7/8"</u>	<u>330-24-Circ</u>	

28. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACK
					<u>2 3/8"</u>	<u>1685'</u>	<u>-</u>

29. Perforation (Interval, size and number)

1640-50', 1659-61' w/8" JH

30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL
<u>1640-61'</u>	<u>3300 gal 15% NEFE, gel gel, 40, 100# 20/4</u>

31. PRODUCTION

Date First Production 2-3-85		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Sh) Prod	
Date of Test 2-24-85	Hours Tested 24	Close Size W.O.	Test Period →	Oil - Bbl. 26	Gas - MCF 59	Water - Bbl. 15	Gas - Bbl. 226
Flowing Press. 20#	Casing Pressure 20#	Isolated Casing Pressure →	Oil - Bbl. 26	Gas - MCF 59	Water - Bbl. 15	Oil Gravity - API 41	

32. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

33. List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

SIGNED

R.D. Pate

TITLE

AREA ENGINEER

DATE

2-27-85

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	☒

5a. Indicate Type of Lease
State ☐ Fee ☐
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(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 ☐

Name of Operator

Chevron U.S.A. Inc.

Address of Operator

P.O. Box 670 Hobbs, NM 88240

Location of Well

UNIT LETTER C ^{225'}/_{125'} FEET FROM THE North LINE AND 1665 FEET FROMTHE West LINE, SECTION 14 TOWNSHIP 18S RANGE 26E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)

3320.2

7. Unit Agreement Name
Atoka San Andres Unit

8. Farm or Lease Name

ATOKA SA UNIT

9. Well No.

159

10. Field and Pool, or Wildcat

Atoka SA

12. County

Lea EDDY

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:FORM REMEDIAL WORK ☐PARTIALLY ABANDON ☐OR ALTER CASING ☐OTHER ☐PLUG AND ABANDON ☐CHANGE PLANS ☐OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING TEST AND CEMENT JOBS ☐OTHER ck f/csg leak ☒ALTERING CASING ☐PLUG AND ABANDONMENT ☐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.

Work performed 12-30 thru 12-31-88

POOH w/production equipment. Test RBP to 1000psi, ok. Test casing to 1000psi, ok. Release pkr. Swab to 1500'. Rec. 0 BO, 33 BW, EFL 1500'. Shut down to check FE. No FE. Rel RBP and POOH. LD pkr and RBP. TIH w/ 2 3/8", 4.7#, J-55, prod. tbg to 1764'. ND BOP, NUWH, turn over to production dept.

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

TITLE Technical AssistantDATE January 5, 1989Original Signed By
Mike Williams

TITLE

DATE JAN 16 1989

SIGNATURES OF APPROVAL, IF ANY:

Testing Method (pilot, back pr.) Tubing Pressure (shut-in) Casing Pressure (shut-in) Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

RD Pite

(Signature)

AREA ENGINEER

(Title)

2-27-85

(Date)

OIL CONSERVATION COMMISSION

MAR 6 1985

APPROVED

Original Signed By

BY

Leslie A. Clements

TITLE

Supervisor District II

This form is to be filed in compliance with RULE 1103.
If this is a request for allowable for a newly drilled well, this form must be accompanied by a tabulation of tests taken on the well in accordance with RULE 1103.
All sections of this form must be filled out completely on new and re-completed wells.
Fill out only Sections I, II, III, and VI for each well name or number, or transportation, or other such.

**Pennzoil Exploration & Production Company
Atoka San Andres Unit Well # 120 & 132 & 136
Section 11 & 14, T-18S, R-26E
Eddy County, New Mexico**

Requirement

***** VII *****

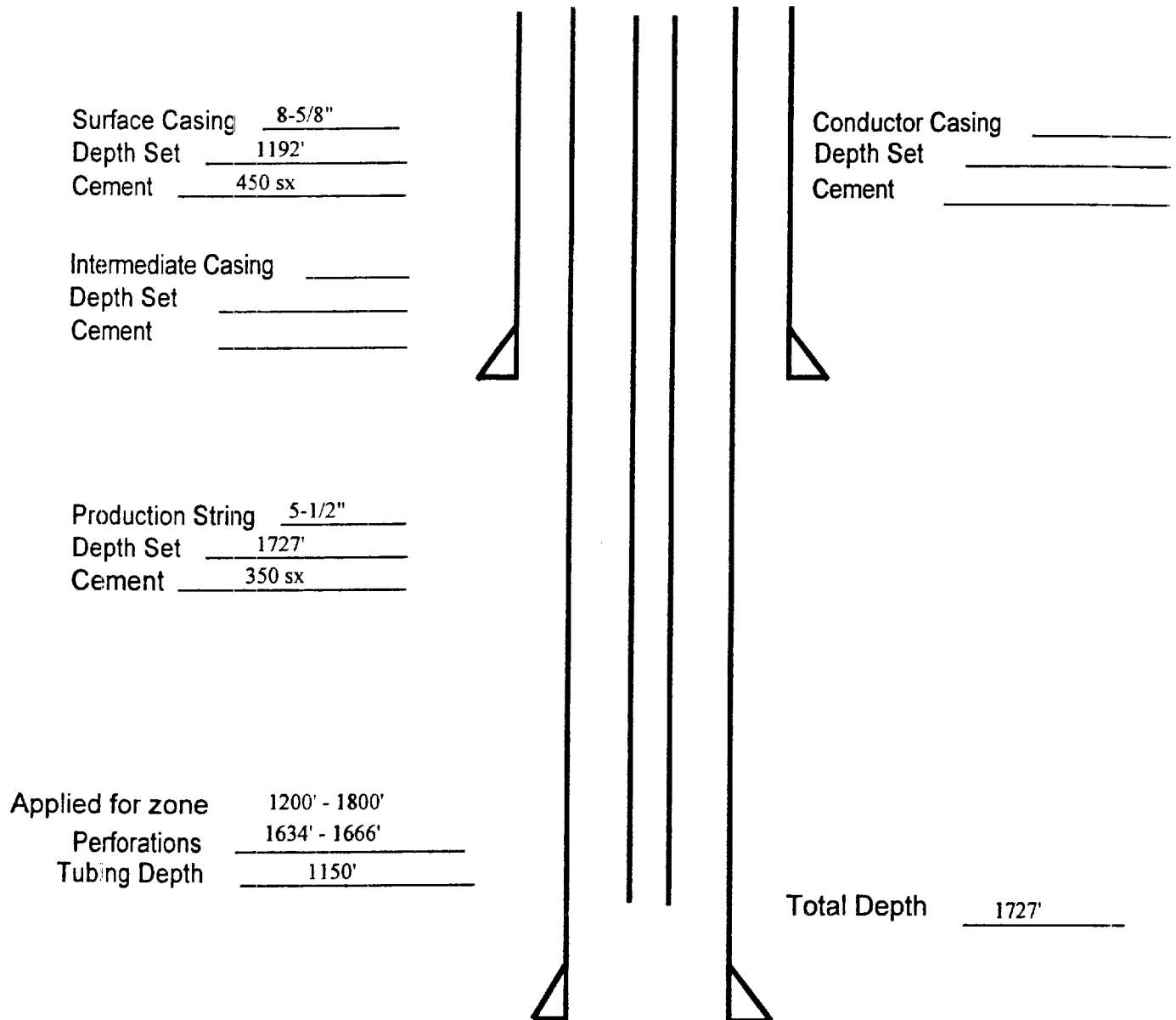
- (1) Proposed daily rate of Injection: 100 BBLS
Maximum daily rate of Injection: 200 BBLS
- (2) The system is to be a closed system utilizing 1 - 500 bbl. tank storage facility.
- (3) Average Injection Pressure: 800 - 1000#
Maximum Injection Pressure: 1200#
- (4) Water injected will be reinjected water from a compatible and same formation produced water and fresh make-up water
- (5) Well will be used for waterflooding purposes into a productive zone.

***** VIII *****

Information Litho from Oil Conservation Division - See Attached Forms

Please see attached water analysis on the fresh water in the ASAU. All fresh water zones will be protected by casing cemented to surface.

Wellbore Schematic



OPERATOR Pennzoil Exploration & Production Company
LEASE AND WELL NAME Atoka San Andres Unit Well # 132
LOCATION 990' FNL & 2310 FWL Sec 14, T-18-s, R-26-E
COUNTY AND STATE Eddy County, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
(Form C-104)
(Revised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

DEF 7 1956
New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-104 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Royalty, Texas
(Place)

December 1, 1956
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

STANDARD OIL COMPANY OF TEXAS

(Company or Operator)

Paul Terry

(Lease)

Well No. 2

in 3

1/4

NE

1/4

C

Sec. 14

T. 10S

R. 26E

NMPM.

Underground

Atoka

Pool

(Unit)

Rocky

County. Date Spudded. 11-9-56

Date Completed. 11-25-56

Please indicate location:

		<u>990</u>	
<u>2310</u>			

Elevation. 3323 D.F. Total Depth. 1730 P.B. 1719

Top oil/gas pay. 954 Name of Prod. Form. San Andres

Casing Perforations: 16 1/4 - 16 5/8 or

Depth to Casing shoe of Prod. String. 1727

Natural Prod. Test. Not tested BOPD

based on. bbls. Oil in. Hrs. Mins.

Test after fracturing Frac 86 BOPD

Based on. 86 bbls. Oil in. 24 Hrs. --- Mins.

Gas Well Potential. ---

Size choke in inches. 16/64

Date first oil run to tanks or gas to Transmission system: 11-25-56

Transporter taking Oil or Gas: Cactus Petroleum, Inc.

Casing and Cementing Record

Size Feet Sax

<u>5 1/2</u>	<u>1727</u>	<u>350</u>
<u>8 5/8</u>	<u>1192</u>	<u>450</u>

Remarks: Perforated interval acid washed with 500 gallons of mud acid and fractured with 10,000 gallons gelled crude and 10,000 pounds of sand.

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

Approved. 11-25-56, 19

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title

(Company or Operator)

By: F. A. Wise

(Signature)

Title. District Superintendent

Send Communications regarding well to:

Name. STANDARD OIL COMPANY OF TEXAS

Bin 788, Royalty, Texas

NEW MEXICO
OIL CONSERVATION COMMISSION

ILLEGIBLE

Form C-128

Well Location and/or Gas Proration Plat

Date Nov. 2, 1956

Operator Standard Oil Company of Texas Lease Paul Barry

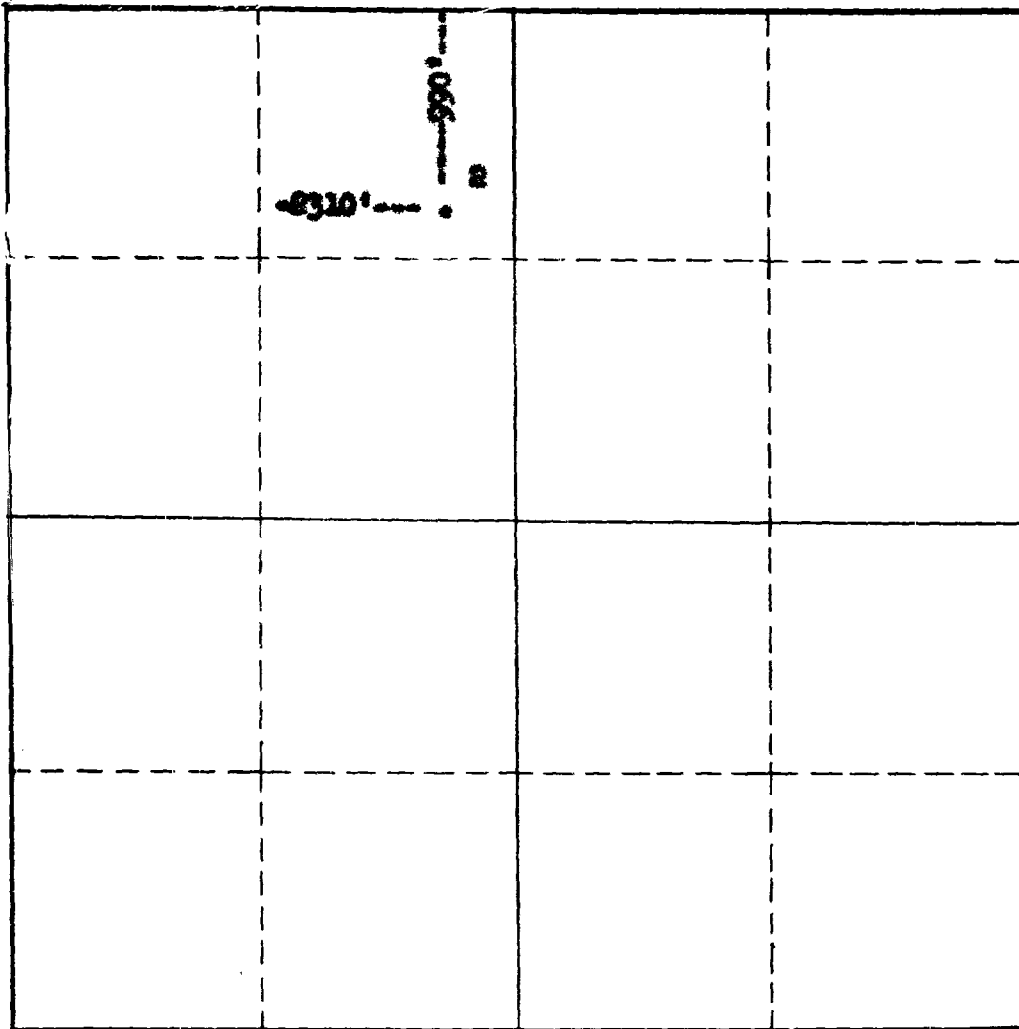
TRACT #15
Well No. 2 Section 24 Township 18-S Range 26-E NMPM

Located 990 Feet From North Line, 2310 Feet From West Line,

Elddy County, New Mexico. G. L. Elevation Will Report Later

Name of Producing Formation San Andres Pool Atoka Dedicated Acreage 240

(Note: All distances must be from outer boundaries of Section)



NOTE

This section of
form is to be
used for gas
wells only.



SCALE: 1"=1000'

1. Is this Well a Dual Comp.? Yes No .
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No .

Name
Position
Representing
Address

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed November 1, 1956
L. J. Lewis
Registered Professional Engineer and/or
Land Surveyor

F

TRACT #2

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

TRACT #15 Well #2

Section 1

1310'	930'		

(Plat of 640 acres)

(A) Owner of well Standard Oil Co. of Texas
Street and Number Box 698
City Monahans State Texas
Well was drilled under Permit No. _____ and is located in the
SE 1/4 NE 1/4 NW 1/4 of Section 14 Twp. 18 S Rge. 26 E
(B) Drilling Contractor Waters Drilling Company License No. _____
Street and Number Box 144
City Artesia State New Mexico
Drilling was commenced Nov. 9 1956
Drilling was completed Nov. 20 1956

Elevation at top of casing in feet above sea level 3314 Total depth of well 1730
State whether well is shallow or artesian _____ Depth to water upon completion _____

Section 2

PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation
	From	To		
1				<u>None Tested</u>
2				
3				
4				
5				

Section 3

RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth		Feet	Type Shoe	Perforations	
			Top	Bottom			From	To
<u>8-5/8</u>	<u>24</u>	<u>8 rd</u>	<u>0</u>	<u>1192</u>	<u>1182</u>	<u>Float</u>		
<u>5-1/2</u>	<u>14</u>	<u>8 rd</u>	<u>0</u>	<u>1727</u>	<u>1718</u>	<u>Float</u>	<u>1634</u>	<u>1666</u>

Section 4

RECORD OF MUDDING AND CEMENTING

Depth in Feet		Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used
From	To				
<u>0</u>	<u>1192</u>	<u>11</u>	<u>10.3 #/gal</u>	<u>450</u>	<u>Pump and Plug</u>
<u>0</u>	<u>1727</u>	<u>7-7/8</u>	<u>8.9 #/gal</u>	<u>350</u>	<u>Pump and Plug</u>

Section 5

PLUGGING RECORD

Name of Plugging Contractor _____ License No. _____
Street and Number _____ City _____ State _____
Tons of Clay used _____ Tons of Roughage used _____ Type of roughage _____
Plugging method used _____ Date Plugged _____ 19 _____
Plugging approved by: _____ Cement Plugs were placed as follows:

Basin Supervisor

FOR USE OF STATE ENGINEER ONLY

Date Received SEP 15 1958

OFFICE
GROUND WATER SUPERVISOR
ROSWELL, NEW MEXICO

File No. _____ Use _____ Location No. _____

No.	Depth of Plug		No. of Sacks Used
	From	To	

LOG OF WELL TRACT 15 WELL #2

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Robert E. Murphy
Well Driller
Dist. Seal

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. 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 QUINTUPPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form G-128 in triplicate to first PRODUCTION REPORT

Midland, Texas

November 2, 1956

(Place)

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as
Standard Oil Company of Texas

(Company or Operator)

Paul Terry

TRACT #15

2

, Well No., in

located 990 feet from the North line and 2310 feet from the West line of Section 14, T. 18-S, R. 26-E, NMPM.

(GIVE LOCATION FROM SECTION LINE)

Atoka

Pool,

Eddy

County

If State Land the Oil and Gas Lease is No.

If patented land the owner is Paul Terry

Address 410 Washington

Artesia, New Mexico

We propose to drill well with drilling equipment as follows:

Rotary 6 - 1700

The status of plugging bond is Blanket Bond

Drilling Contractor Will Report Later

We intend to complete this well in the San Andres

formation at an approximate depth of 1750 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
9-7/8"	7-5/8"	24#	New	1200' or deeper if required	Circ. to surface
6-3/4"	5-1/2"	14#	New	1750'	Sufficient to bring cement 50' into 7-5/8" casing.

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

Approved....., 19.....
Except as follows:

OIL CONSERVATION COMMISSION

By.....

Sincerely yours,

Standard Oil Company of Texas

By E. O. Holloway
(Company or Operator)

Position Petroleum Engineer

Send Communications regarding well to

Name Standard Oil Company of Texas

Address P. O. Box 1660, Midland, Texas

APPLICATION FOR PERMIT
TO DRILL FOR OIL

(required in artesian underground basins only)

TRACT #15 WELL #2

Application No. Book Date Received

1. Name of applicant Standard Oil Company of Texas
Post Office address P. O. Box 1660 ; City or Town Midland
County of Midland , State of Texas

2. Well is to be drilled under contract for Standard Oil Company of Texas
(self or company)
and is to be known as the Paul Terry No. 2 well,

3. The well is to be located in the SE 1/4, NE 1/4, NW 1/4,
of Section 14, Township 18-S, Range 26-E, N. M. P. M.
on land owned by Paul Terry of 410 Washington, Artesia, N. M.

4. Description of well: Depth to be drilled 1750 feet;
Casing and cementing program as follows:

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	NEW OR USED	DEPTH FEET	HANDED OR CEMENTED	SACKS OF CEMENT
9-7/8"	7-5/8"	24#	New	1200'	Cemented w/sufficient cement deeper to circulate to surface	
6-3/4"	5-1/2"	14#	New	1750	Cemented w/sufficient cement to bring cement 50' into 7-5/8" casing.	

5. Notice of intention (has) (has not) been filed with the Oil and Gas Conservation Commission or the U. S. Geological Survey

6. Conformance bond (has) (has not) been filed and approved with the Oil and Gas Conservation Commission

7. Time required to commence construction
Time required to complete the works

8. Additional statements or explanations:

I, E. O. Holloway, being first duly sworn upon my oath, depose and say that I have carefully read the foregoing statement and each and all of the items contained therein, and that the same are true to the best of my knowledge and belief.

Standard Oil Company of Texas applicant
E. O. Holloway
Subscribed and sworn to before me this 2nd day of November, A. D., 1956

My commission expires

Caroline C. Boyer
Notary Public
Caroline C. Boyer

APPROVAL OF THE STATE ENGINEER

82-47

Number of this permit _____
 Recorded in Book _____
 Page _____

Date received corrected _____
 Application received _____
 Date returned for correction _____

This application is approved subject to the prior approval of the Oil and Gas Conservation Commission and provided that the applicant complies with all rules and regulations of the State Engineer pertaining to the drilling of wells, and further provided, that casing shall not be run or cemented except in the presence of a representative of the State Engineer's Office.

Works shall be completed and completion or plugging report filed on or before _____

This is to certify that I have examined the above application for permit to drill for oil in an artesian underground basin of the State of New Mexico and hereby approve the same subject to the foregoing provisions and conditions.

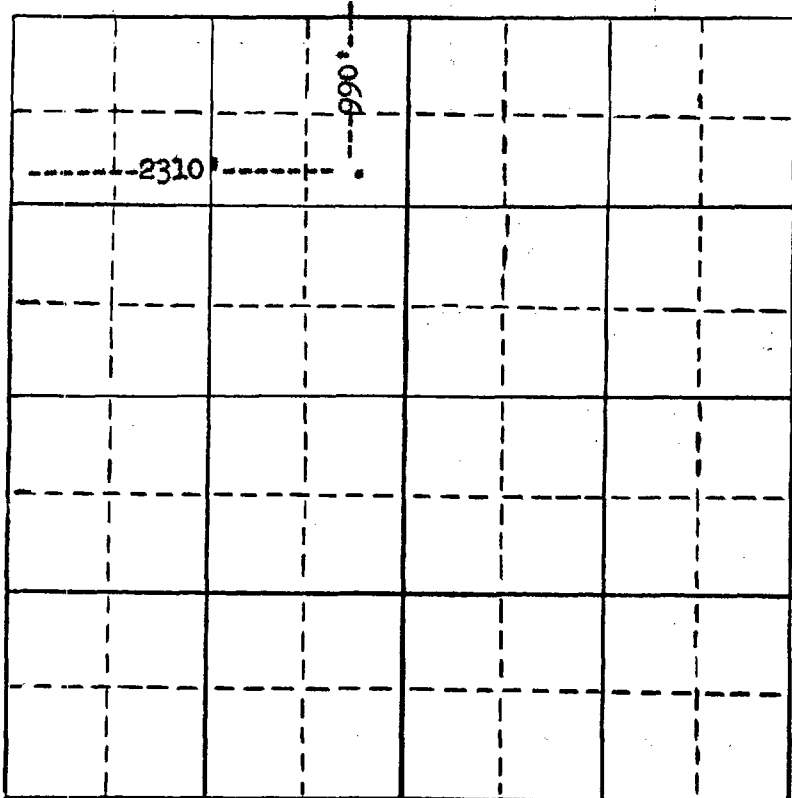
Witness my hand and seal this _____ day of _____, A. D., 19 _____

State Engineer

By: _____
 Chief, Water Rights Division

LOCATE WELL AS ACCURATELY AS POSSIBLE ON FOLLOWING PLAT:

Section (s) 14, Township 18-S, Range 26-E N.M.P.M.



TRACT #15
 WELL #2

NOV - 3 1956

WARD-HOOPER DISTRICT

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

- Secs. 1-4----Fill out all blanks fully and accurately.
- Sec. 7-----Estimate time reasonably required to commence and to complete project.
- If additional space is necessary, use a separate sheet or sheets and attach securely hereto.
- Drilling shall not commence until approval of the State Engineer is obtained.
- All casing shall be inspected and approved by a representative of the State Engineer before use.
- If well proves to be non-productive the well shall be plugged under the supervision of the State Engineer or his representative.
- Log of well shall be filed with the District Supervisor, Box 810, Roswell, New Mexico, upon completion.

BJ SERVICES COMPANY



PENNZOIL E & P COMPANY

¹³²
NO. ~~100~~ ATOKA INJECTOR
~~100-100-100~~
ATOKA, SAN ANDRES UNIT
EDDY COUNTY, NM
SAN ANDRES FORMATION

¹³²
~~100~~ INJECTOR ACID TREATMENT

PREPARED FOR
MS. DEBRA FUNDERBURG
713-546-4289

*Revised
Asad # 10
Wunderburg*

SERVICE POINT

ARTESIA, NM
(505) 392-5556

JUNE 5, 1997
REV: 1

WD090019

PREPARED BY

PERRY BAYCROFT, PENZOIL HOUS
TECHNICAL SALES
HOUSTON

SALES REPRESENTATIVE

WAYMAN HUNTER
ACCOUNT MANAGER 713-683-3400

**BJ SERVICES COMPANY**

#132 BALLOUT ACID

Treatment Requirements for: ACUTRAC-2000**ACID: 5,000 GALLONS 15% HCL***Containing per 1000 Gallons:*

2.00 Gallons NE-118, NON-EMULSIFIER

7.00 Gallons FERROTROL-300L, IRON CONTROL

1.00 Gallons CI-10D, CORROSION INHIBITOR

SPOT ACID ACROSS PERFORATIONS AND LET SOAK FOR 1 TO 2 HOURS.

SALT DIVERTER: 350 GALLONS SATURATED BRINE*Containing per 1000 Gallons:*

700.00 Pounds SALT-TRIMIX, DIVERTING AGENT

ADD SALT AT 2 PPG TO BRINE WATER ON THE FLY. PUMP 3 - 117 GAL STAGES.

ACID FLUSH: 1,800 GALLONS FRESH WATER*Containing per 1000 Gallons:*

1.00 Gallons NE-118, NON-EMULSIFIER

0.25 Pounds XCIDE-207, BACTERIACIDE

MAY FLUSH WITH CLEAN LEASE WATER AND NO SURFACTANTS.



***** TREATMENT PROCEDURE *****

1. Pressure test all treating lines to operator's specifications.
2. Load hole with 15% acid, and soak perforations 1 - 2 hours.
3. Continue pumping acid with 3 -117 gal diverter stages spaced evenly throughout the next remainder of the acid.
4. Increase rate to 8 BPM and watch for diverter action. Increase rate and as necessary for diverting.
5. Pump remaining acid and flush.
6. Allow acid to spend.
7. Put well on injection.

**NOTE: PENNZOIL TO PROVIDE SATURATED BRINE.
SUGGEST JIMS WATER SERVICE AT 505-748-1325.**

UNICHEM

A Division of BJ Services Company

Lab Test No : 11562

Peanzoil

Sample Date : 7/3/96

Lab Date In : 7/12/96

Lab Date Out : 7/19/96

Water Analysis

Listed below please find water analysis report from : ASAU

Prod. IPD

Specific Gravity : 1.002
Total Dissolved Solids : 3327
pH : 7.10
Conductivity (uohms):
Ionic Strength : 0.093

=====
Cations: mg/l
Calcium (Ca++): 571
Magnesium (Mg++): 208
Sodium (Na+): 125
Iron (Fe++): 0.40
Dissolved Iron (Fe++):
Barium (Ba++):
Strontium (Sr):
Manganese (Mn++):
Resistivity :

Anions:
Bicarbonate (HCO3-): 342
Carbonate (CO3--): 0
Hydroxide (OH-): 0
Sulfate (SO4--): 1781
Chloride (Cl-): 300

=====
Gases: ppm
Carbon Dioxide (CO2): 10.00
Oxygen (O2):
Hydrogen Sulfide (H2S): 0.00

=====
Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature	CaCO3 SI	CaSO4 SI
86F 30.0C	0.62	-2.60
104F 40.0C	0.97	-2.60
122F 50.0C	1.15	-2.60
140F 60.0C	1.30	-2.09
168F 70.0C	1.54	-0.98
176F 80.0C	1.77	0.72

Comments :

If you have any questions or require further information, please contact us.

Sincerely,

cc: Bill Polk

Joe Hay

Laboratory Technician

Lab Test No : 12717

Pennzoil

Sample Date : 9/5/96

Lab Date In : 9/17/96

Lab Date Out : 10/14/96

Water Analysis

Listed below please find water analysis report from : ASAU

Prod. H2O IPD

Specific Gravity : 1.119

Total Dissolved Solids : 166831

pH : 6.00

Conductivity (μ mhos):

Ionic Strength : 2.956

=====
Cations: mg/l

Calcium (Ca++): 2000

Magnesium (Mg++): 437

Sodium (Na+): 62308

Iron (Fe++): 1.70

Dissolved Iron (Fe++):

Barium (Ba++): 0.70

Strontium (Sr):

Manganese (Mn++): 1.90

Resistivity :

Anions:

Bicarbonate (HCO3-): 695

Carbonate (CO3--): 0

Hydroxide (OH-): 0

Sulfate (SO4--): 3391

Chloride (Cl-): 98000

=====
Gases: ppm

Carbon Dioxide (CC2): 60.00

Oxygen (O2): 0.20

Hydrogen Sulfide (H2S): 204.00

=====
Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature	CaCO3 SI	CaSO4 SI
86F 30.0C	-0.22	-26.46
104F 40.0C	0.01	-26.46
122F 50.0C	0.29	-25.74
140F 60.0C	0.58	-25.02
168F 70.0C	0.92	-25.11
176F 80.0C	1.29	-25.83

Comments :

If you have any questions or require further information, please contact us.

Sincerely,

cc: Bill Polk

Joe Hay

Laboratory Technician

6 Desta Drive, Suite 5350, Midland, TX 79705 • Office: (915) 683-5839 • Fax: (915) 683-5645

Lab Test No : 12718

Pennzoil

Sample Date : 9/5/96

Lab Date In : 9/17/96

Lab Date Out : 10/14/96

Water Analysis

Listed below please find water analysis report from : ASAU

Fresh H2O IPD

Specific Gravity : 1.003
Total Dissolved Solids : 4097
pH : 6.95
Conductivity (µmhos):
Ionic Strength : 0.107

=====

Cations:		mg/l
Calcium	(Ca++):	560
Magnesium	(Mg++):	194
Sodium	(Na+)	447
Iron	(Fe++):	1.20
Dissolved Iron	(Fe++):	
Barium	(Ba++):	0.20
Strontium	(Sr):	
Manganese	(Mn++):	0.20
Resistivity :		

Anions:

Bicarbonate	(HCC3-):	293
Carbonate	(CO3--):	0
Hydroxide	(OH-):	0
Sulfate	(SO4--):	2003
Chloride	(Cl-):	600

=====

Gases:		ppm			
Carbon Dioxide	(CO2):	10.00	Oxygen	(O2):	1.00
Hydrogen Sulfide	(H2S):	0.00			

=====

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature		CaCO3 SI	CaSO4 SI
86F	30.0C	0.37	-2.14
104F	40.0C	0.70	-2.14
122F	50.0C	0.89	-2.14
140F	60.0C	1.05	-1.59
168F	70.0C	1.30	-0.48
176F	80.0C	1.53	1.27

Comments :

If you have any questions or require further information, please contact us.

Sincerely,

cc: Bill Polk

Laboratory Technician

Joc Hay

 PENNZOIL EXPLORATION AND PRODUCTION COMPANY

EOR BUSINESS UNIT/MIDLAND • P.O. BOX 50090 • MIDLAND, TX 79710-0090 • (915) 682-7316
4000 N. BIG SPRING, SUITE 325 • MIDLAND, TX 79705-4613 • FAX (915) 686-3535

August 14, 1997

Pennzoil Exploration & Production Company
Atoka San Andres Unit Wells No. 120, 132, 136
Atoka San Andres (03610)
Eddy County, New Mexico

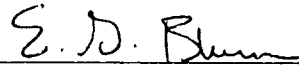
In reference to the Atoka San Andres Unit Well locations as follows:

Well #120, Section 11, T-18-S, R-26-E, 990' FWL & 330' FSL

Well #132, Section 14, T-18-S, R-26-E, 990' FNL & 2310' FWL

Well #136, Section 14, T-18-S, R-26-E, 2310' FNL & 1650' FEL

Eddy County, New Mexico, I have examined the available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.



E. G. Blum, Geologist

Affidavit of Publication

No. 15947

STATE OF NEW MEXICO,

County of Eddy:

Gary D. 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 state, and that the hereto attached Legal Notice

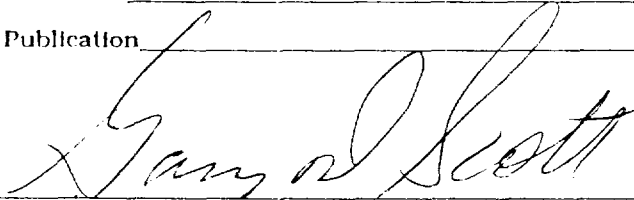
was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive weeks on the same day as follows:

First Publication July 29, 1997

Second Publication _____

Third Publication _____

Fourth Publication _____



Subscribed and sworn to before me this 29th day of July 19 97


Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1999

Copy of Publication

LEGAL NOTICE

NOTICE OF APPLICATION FOR FLUID INJECTION WELL PERMIT

Pennzoil Exploration & Production Company, P.O. Box 50090, Midland, Texas 79710-0090 is seeking administrative approval from the New Mexico Oil Conservation Division to utilize our Atoka San Andres Units, Well #120, #132 and #136 as injection wells. The wells are located in Section 14, T18S, R26E, Eddy County, New Mexico. The proposed injection zone is the San Andres formation; well #120 from 1400'-1800'; well #132 from 1200'-1800' and well #136 from 1400'-1800'. Pennzoil intends to inject a

maximum of 200 bbls. of produced formation water per day per well at a maximum injection pressure of 1200#.

Interested parties must file objections or request for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM, 87501 within 15 days of this notice.

Published in the Artesia Daily Press, Artesia, N.M. July 29, 1997.

Legal 15947

Pennzoil Exploration & Production Company
Atoka San Andres Unit Well # 120, 132, 136
Section 11 & 14, T-18S, R-26E
Eddy County, New Mexico

*** XIV ***

Leasehold Operators Within 1/2 mile Radius:

There are no other operators within 1/2 mile radius of the proposed well due to the fact that the area in question has been unitized.

Surface owners:

ASAU # 120:

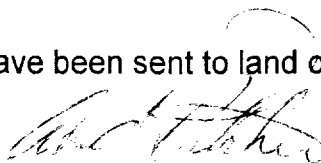
Jack and Corine Verhines
3313 Highland
Roswell, New Mexico 88201

ASAU # 132 & 136:

Bill and Pat Netherlin
103 East Four Dinkus Road
Artesai, New Mexico 88210

David and Sandra Barrett
C/O Bill Netherlin
103 East Four Dinkus Road
Artesia, New Mexico 88210

Copies of Form C-108 have been sent to land owners.

 9-22-97

P 497 368 634

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to	
Jack & Corne Verhines	
Street & Number	3313 Highland
Post Office, State, & ZIP Code	Roswell, NM 88201
Postage	\$.32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.77
Postmark or Date	
9-24-97	

P 497 368 635

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to	
Bill & Pat Netherlin	
Street & Number	103 E. Four Dintus Rd.
Post Office, State, & ZIP Code	Artesia, NM 88210
Postage	\$.32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.77
Postmark or Date	
9-24-97	

P 497 368 636

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to	
David & Sandra Barrett Netherlin	
Street & Number	103 Four Dintus Rd.
Post Office, State, & ZIP Code	Artesia, NM 88210
Postage	\$.32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.77
Postmark or Date	
9-24-97	

**Pennzoil Exploration & Production Company
Atoka San Andres Unit Well # 120 & 132 & 136
Section 11 & 14, T-18S, R-26E
Eddy County, New Mexico**

***** IX *****

See attachment for stimulation design.

***** X *****

A copy of a Gamma Ray Neutron is attached. (Only on original to Santa Fe, New Mexico)

***** XI *****

See attached Chemical Analysis on waters in the area.

***** XII *****

See attached affirmative statement on geologic and engineering data examination.

***** XIII *****

See attached Notice and "Proof of Notice" in Artesia Newspaper.

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SIMULTANEOUS



Gamma Ray-Neutron

COMPANY STANDARD OIL

COMPANY OF TEXAS

WELL TERRY #2 #132

40/56
code/year 30-015-00286

FIELD ATOKA

LOCATION Sec. 14-T18S-R26E

COUNTY EDDY

STATE NEW MEXICO

Location of Well

2310 f WL
990 f NL

Geol

Elevation: D.F.: 3323
K.B.: 3324
or G.L.: 3314

FILING No.



D001033698

Company of Texas

FOOD HERE

RUN NO.		1			
Date		11-19-56			
Depth Reference		KB 10' ABV. GL			
First Reading		1712			
Last Reading		0			
Footage Measured		1712			
Max. Depth Reached		1713			
Bottom Driller		1713			
Maximum Temp. °F.		EST. 85			
Mud: Nature		Gel-Chem			
" Density		8.9			
" Viscosity		50			
" Resistivity		.84	@ 54 °F.	@	°F.
Casing Size &	1	8 5/8	to 1189	to	
Weight	2		to	to	
Open Hole	1	7 7/8	to TD	to	
	2		to	to	
Fluid Level		30'			
Recording Speed (ft/hr)		2000			
Sensitivity Tap		GR) 300	N) 300/400 GR)	N)	
Time Constant		2	2		
Panel		GNP-C #184			
Opr. Rig Time		1 1/2 HRS.			
Sonde Size & Type		3 5/8			
Truck No.		574-Artesia			
Observer		Reinders			