

MATADOR PETROLEUM CORPORATION

415 W. WALL, SUITE 1101
MIDLAND, TX 79701
(915) 687-5955

SUB 7/17/97
668

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

JUL - 2 1997

RE: Lea AQ St. #1
Lea County
Sec. 32, T19S, R35E
Application For Authorization to Inject

Gentlemen:

Please find enclosed the Application For Authorization to Inject.

The entire Form C-108 is provided showing appropriate information for articles I, II and XIV. Also, the information contained within this submittal is formatted in the same layout as the Form C-108 so the form can be referred to while reading the attached documents.

Each appropriate article number has a tab section with a response to that particular article.

Should you have any questions please do not hesitate to call me at 915-687-5955.

Sincerely,

Russ Mathis

Russ Mathis
Production Manager

1668
APPROV'L
8-1-97
8

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: Matador Petroleum Company
Address: 415 W. Wall, Suite 1101, Midland, TX 79701
Contact party: Russ Mathis, Production Mgr. Phone: 915-687-5955
- 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: Russ Mathis Title: Production Manager
Signature: Russ Mathis Date: 6/9/97
- * 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.

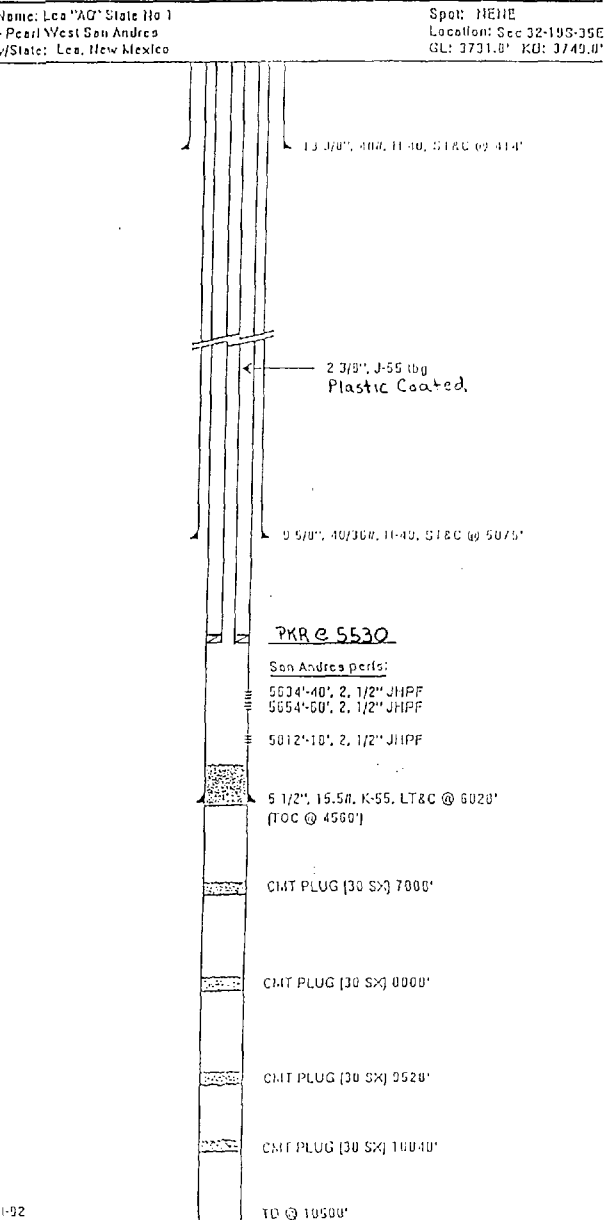
NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

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.

INJECTION WELL DATA SHEET

Matador Operating Company		Lea AQ State		
OPERATOR		LEASE		
1	875 FNL 990 FEL	32	19S	35E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic



Tabular Data

Surface Casing

Size 13 3/8 " Cemented with 400 sx.
TOC Surface feet determined by Circulated
Hole size 17 1/2"

Intermediate Casing

Size 8 5/8 " Cemented with 1500 sx.
TOC Surface feet determined by Circulated
Hole size 12 1/4"

Long string

Size 5 1/2 " Cemented with 350 sx.
TOC 4560 feet determined by Temp. Survey
Hole size 7 7/8"

Total depth 6028

Injection interval

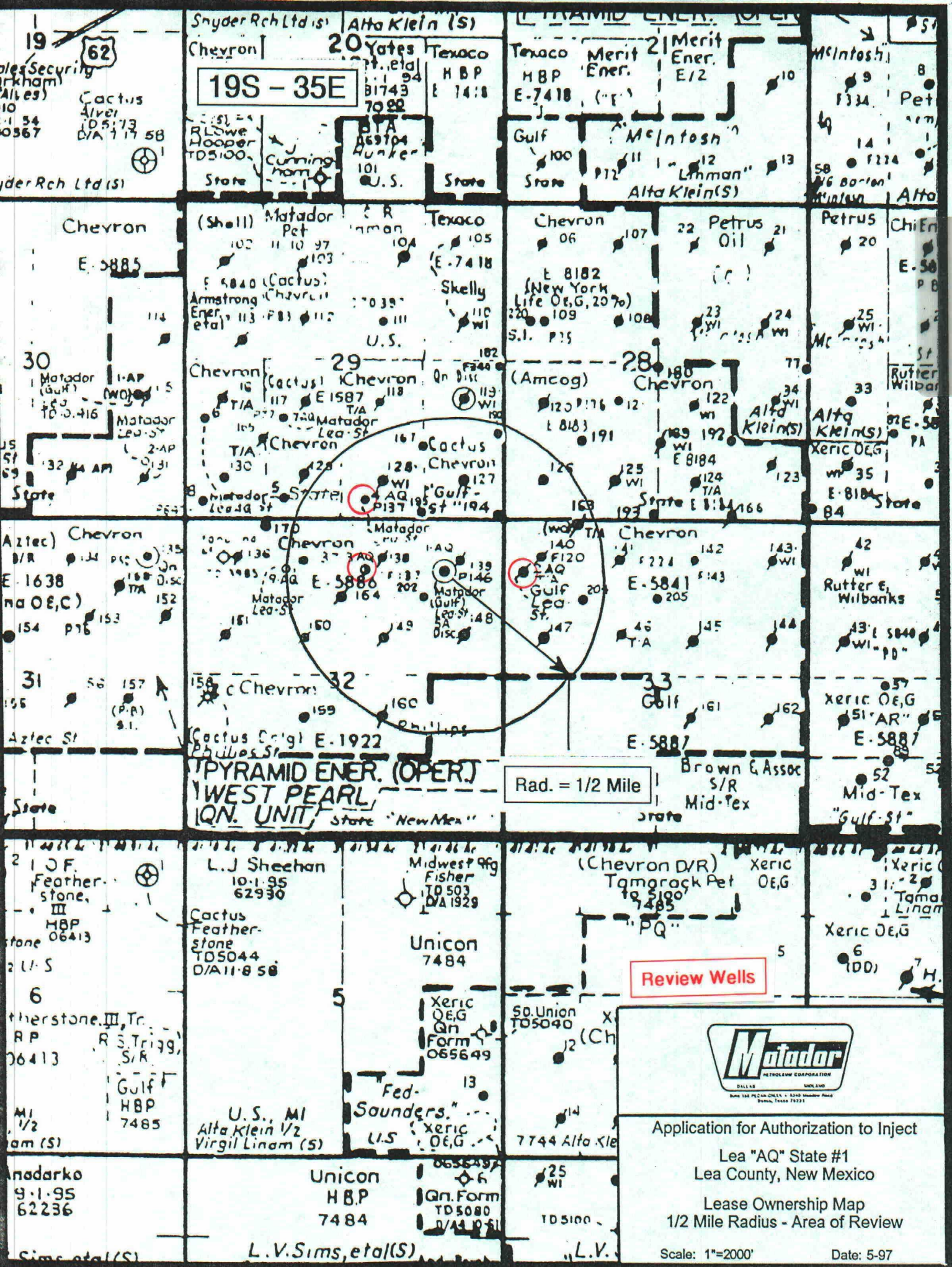
5634 feet to 5840 feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8 lined with Plastic set in a
(material)
Arrow 1X packer at 5530 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (if applicable) Pearl San Andres, West
- Is this a new well drilled for injection? ☐ Yes ☒ No
If no, for what purpose was the well originally drilled? Well originally drilled
as Wildcat for Bonesprings, subsequently completed in San Andres.
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Pearl Queen Unit: Top known perforation 4678
BTM known perforation 5044
No underlying producing zones known in this area



TD 10,170

QUEEN, SAN ANDRES.
BONE SPRING,
PENNSYLVANIAN)

McIntosh
10 Linam

19S - 35E

Cactus
1-Alves
TD 5173

Lowe
1 Hooper
TD 5100

33791
Gulf
100-SI

33525
Chl
1-Oyster
TD 6475
11-11-96

PEARL W, 59
QUEEN)
COMBINED WITH PEARL

Gulf
1-IH Lea
TD 10,405

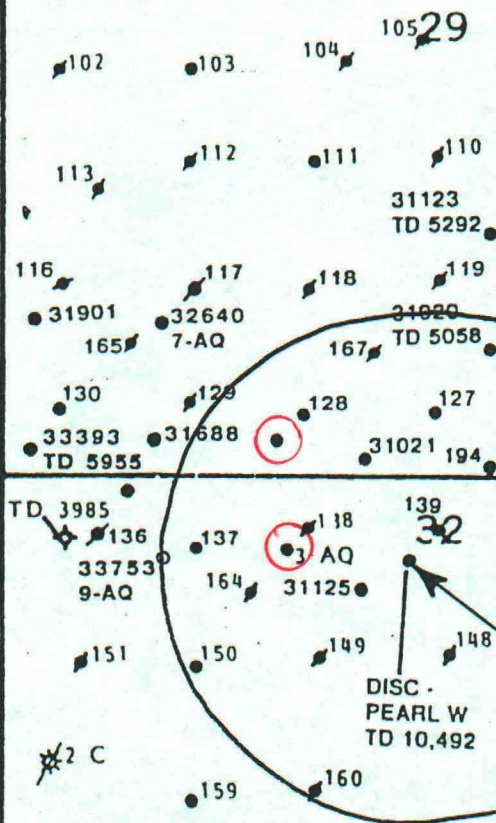
Gulf
1-AP Lea
TD 10,416

33762
Matador
2-AP Lea

21N 28W

133 134 135 168 152 154 153 156 157 155

BTA
2 Pearl 692 Ltd
TD 5000



PEARL W, 83
(SAN ANDRES)

Rad. = 1/2 Mile

Review Wells

Cactus
1-Featherstone
TD 5044
11-8-58

Midwest
1-Fisher
TD 503
1929

So Union
9-Fed Saunders
TD 5040

So Union
6 Fed Saunders
TD 5080

And Prichard
1-US

PEARL 55



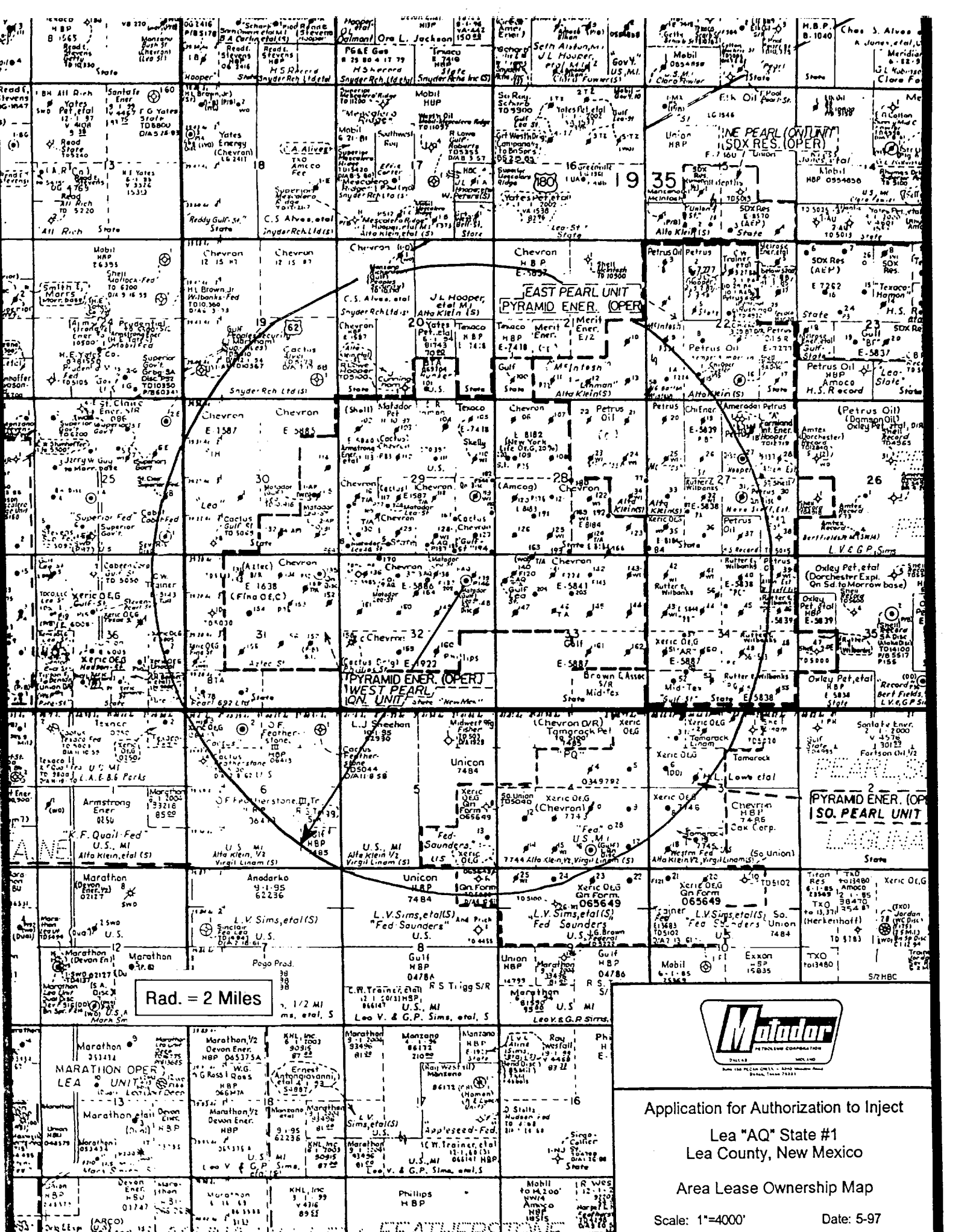
Application for Authorization to Inject

Lea "AQ" State #1
Lea County, New Mexico

Area Base Map
1/2 Mile Radius - Area of Review

Scale: 1"=2000'

Date: 5-97



Application for Authorization to Inject
Lea "AQ" State #1
Lea County, New Mexico

Wells within the 1/2 mile radius (Area of Review) which penetrate the proposed injection zone.

	Well Name	Status	Spud	Comp.	Location	TD	Perfs	Comments
1.	Lea "AQ" St. #4	Prod.	4-24-84	6-19-84	29-19S-35E (O)	5922'	5756-5860'	
2.	Lea "AQ" St. #3	Prod.	1-30-84	3-28-84	32-19S-35E (B)	5935'	5838-44'	
	OWWO - "AQ" #3		10-10-84	10-26-84	32-19S-35E (B)	5935'	5653-5811'	
3.	Lea "AQ" St. #2	P & A	9-14-83	12-21-83	33-19S-35E (D)	6050'	5809-17'; 5843-51'; Sqz. perfs 5809-11'; 5843-51'; Sqz. perfs 5575'; BP @ 5680'; Sqz perf 5616-24'; 5646-54'	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103

Revised 12-1-78

NO. OF COPIES RECEIVED	
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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease

State ☒For ☐

5. State Oil & Gas Lease No.

E-5886

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 - 1" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corp.	8. Farm or Lease Name Lea "AQ" State
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 1
4. Location of Well UNIT LETTER A, 875 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 19S RANGE 35E N.M.P.M.	10. Field and Pool, or Wildcat W. Pearl San Antonio
15. Elevation (Show whether DF, RT, GR, etc.) 3732' GL	12. County Lea

16. 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 ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☒
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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 w/ prod. eqpt. Perf 5812-18' w/ 2 1/2" JHPF. Acq. w/ 1800 gals 15% NEFF
HCL + PCNB. AR 5 BPM, ISIP 1900#, AP 4600#. Frac w/ 31,000 gals 40#
x-link, 50,500# 20/40 sand. AR 10 BPM, AP 3550#, ISIP 2080#. GIN w/
prod. eqpt. Complete after adding perf, acq + frac. trtnng.

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

SIGNED RDPthe TITLE AREA ENGINEER DATE 5-24-84

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE MAY 28 1984

CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-81

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

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
E-5886

7. Unit Agreement Name

8. Farm or Lease Name
Lea "AQ" State

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

11. County
San Andres

12. Section
Lea

14. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Gulf Oil Corporation

3. Address of Operator
P.O. Box 670, Hobbs, NM 88240

4. Location of Well

UNIT LETTER **A** LOCATED **875** FEET FROM THE **North** LINE AND **990** FEET FROM

THE **East** LINE OF SEC. **32** TWP. **19S** RGE. **35E**

15. Date Spudded **5-8-83** 16. Date T.D. Reached **6-9-83** 17. Date Compl. (Ready to Prod.) **6-19-83** 18. Elevations (D.F., RKB, RT, GR, etc.) **3732' GL** 19. Elev. Casinghead **-**

20. Total Depth **10,500'** 21. Plug Back T.D. **5986'** 22. If Multiple Compl., How Many **Single** 23. Intervals Drilled By **Rotary Tools** Cable Tools **-**

24. Producing Interval(s), of this completion - Top, bottom, Name
5634-5660' San Andres

25. Type Electric and Other Loss Run
CNL/LDT/GR, DLL/MSFL/GR, BHC

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

27. Was Directional Sur Made
No

28. Was Well Cored
No

29. LINER RECORD

30. TUBING RECORD

31. Perforation, location (Interval, size and number)
5634-40' + 5654-60' w/2 1/2" 180° JHPF

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

33. PRODUCTION

34. Date First Production
6-19-83

35. Production Method (Flowing, gas lift, pumping - Size and type pump)
pumping

36. Date of Test
7-4-83

37. Flowing Test
24

38. Shut-in Test
25#

39. Calculated 24-Hour Rate
146

40. Oil - Bbl.
146

41. Gas - MCF
25

42. Water - Bbl.
53

43. Gas - Oil Ratio
171

44. Oil Gravity - API (Corr.)
34.8°

45. Disposition of 1/2 in. (Sold, used for fuel, rented, etc.)
Used on Lease

46. List of Attachments

47. 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 **RD Pite** TITLE **Area Engineer** DATE **7-14-83**

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 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 state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anly <u>1802</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Sal	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Sal	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>3624</u>	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 <u>5360</u>	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Padlock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todillo	T.
T. Driskard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs <u>8007</u>	T. Wingate	T.
T. Wolfcamp	T. <u>Cherry Canyon</u> <u>6505</u>	T. Chinle	T.
T. Penn.	T. <u>Brushy Canyon</u> <u>7141</u>	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 5630 to 5920 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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
400'	1802'		Redbeds, SAND, SALT, ANHYDRITE				
1802'	2150'		ANHYDRITE,				
2150'	3330'		SALT				
3330'	4080'		ANHYDRITE, Dolomite,				
4080'	4650'		Dolomite, ANHYDRITE				
4650'	5420'		Dolomite, SAND				
5420'	5750'		SAND, Dolomite				
5750'	6030'		Dolomite, SAND				
6030'	6200'		Dolomite, Limestone				
6200'	6770'		SAND, Dolomite, Limestone				
6770'	6900'		Limestone, Dolomite				
6900'	7100'		Dolomite, SAND				
7100'	8020'		SAND, Dolomite				
8020'	8340'		Limestone, Dolomite				
8340'	8520'		Limestone, shale				
8520'	8700'		Limestone				
8700'	9540'		Limestone, shale				
9540'	TD		Limestone, SAND & shale				

RECEIVED

JUL 22 1983

HOBBS OFFICE

RECEIVED

JUL 18 1983

O.C.D.
HOBBS OFFICE

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

NO. OF COPIES RECEIVED	
DISTRIBUTION	
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LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease

State ☒Fon ☐

5. State Oil & Gas Lease No.

E-5886

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN 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
2. Name of Operator Gulf Oil Corporation	8. Firm or Lease Name Lea "AQ" State
3. Address of Operator P.O. Box 670, Hobbs, NM 88240	9. Well No. 1
4. Location of Well UNIT LETTER A 875 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 19S RANGE 35E N.M.P.M.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3732' GL	12. County Lea

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 ☐☐☐☐

SUBSEQUENT REPORT OF:

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

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.

Spot 150 gals 15% NEFE HCL @ 5660'. Per 5634-40' + 5654-60 w/ (2) 1/2 INPF (180°). Acc w/ 5200 gals 15% HCL (44) RCN B's. Avg pres 4400# AIR 500 ISDP 2100#. Acc w/ 40,000 gals WAF-D13, 64 000# 20/40 sand, 1350# LEW-42, 800# adomite, aqua, 500# WAF Completer, 45# breaker fluid, 50 gals NE-11. Avg pres 2800#, IR 28 BPM, ISDP 2300#. Run pump + rods. Spaced well cut. Rd pumping unit. Start pumping 2:30 PM, 6-28-83.

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

SIGNED

ORIGINAL SIGNED BY EDDIE SEAY

TITLE

Area Engineer

DATE

7-5-83

APPROVED BY

OIL & GAS INSPECTOR

TITLE

DATE

JUL 7 1983

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-103
Revised 10-1-7

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	For ☐
5. State Oil & Gas Lease No.	
E-5886	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

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15. Elevation (Show whether DF, RT, GR, etc.) 3732' GL	12. County Lea

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.

TD 10,500' at 8:00 A.M., 6-9-83. Spot plugs at 10,040', 9528', 8008', 7008' & 6000' with 30 sacks Class "H" cement per plug. Drill cement 5962'-6030'. RU & ran 145 joints + 1 cut joint 5½" 15.5# K-55 LT&C, set at 6028'. Cement with 350 sacks Class "C". Plug down 9:45 A.M., 6-12-83. Temperature survey top of cement 4560'.

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

SIGNED <u>Jerry Sexton</u>	TITLE <u>Area Drilling Superintendent</u>	DATE <u>6-22-83</u>
ORIGINAL SIGNED BY JERRY SEXTON		
APPROVED BY <u>DISTRICT 1 SUPERVISOR</u>	TITLE <u></u>	DATE <u>JUN 24 1983</u>
CONDITIONS OF APPROVAL, IF ANY:		

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OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

3a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

E-5886

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. ☒ WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator

Gulf Oil Corporation

3. Address of Operator

P. O. Box 670, Hobbs, NM 88240

4. Location of well

UNIT LETTER A 875 FEET FROM THE North LINE AND 990 FEET FROM
East LINE, SECTION 32 TOWNSHIP 19S RANGE 35E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

Lea "AQ" State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

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

3732' GL

12. County

Lea

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING TEST AND CEMENT JOBS ☒

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

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.

TD 12 1/4" hole at 7:00 P.M., 5-19-83. RU & ran 42 joints 9-5/8" 40# & 77 + 1 cut joint 9-5/8" 36# casing; set at 5075', DV at 3986'. Cement first stage with 150 sacks Gulfmix and 100 sacks Class "C" neat. Circulate 100 sacks above DV tool to surface. Cement second stage with 1100 sacks Gulfmix and 150 sacks Class "C" neat. Plug down at 10:30 P.M., 5-20-83. Circulate cement to surface. Drill DV tool and cement. Test casing 2000#, ok. Drilling 7-7/8" hole at 3:00 A.M., 5-21-83.

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

SIGNED Jerry Sexton
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

TITLE Area Drilling Superintendent DATE 5-25-83

APPROVED BY _____

TITLE _____

DATE MAY 26 1983

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State ☒	Fed ☐
5. State Oil & Gas Lease No.	
E-5886	

SUNDRY NOTICES AND REPORTS ON WELLS

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

Oil Well ☒ Gas Well ☐ OTHER ☐

1. Name of Operator

Gulf Oil Corporation

2. Address of Operator

P. O. Box 670, Hobbs, NM 88240

3. Location of Well

UNIT LETTER A 875 FEET FROM THE North LINE AND 990 FEET FROM
East LINE, SECTION 32 TOWNSHIP 19S RANGE 35E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

Lea "AQ" State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

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

3732' GL

12. County

Lea

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 ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

Kenai spudded 17½" hole at 8:00 P.M., 5-8-83. TD 415' at 8:15 A.M., 5-9-83. RU & ran 8 + 1 cut joint 13-3/8" casing, set at 414'. Cement with 400 sacks Class "C" with CaCl₂. Plug down at 12:38 P.M., 5-9-83. Circulate cement to surface. Drill cement. Drilling 12¼" hole at 5:30 P.M., 5-10-83.

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

SIGNED J. B. Pullin

TITLE Area Drilling Superintendent

DATE 5-17-83

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE JUN 2 1983

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

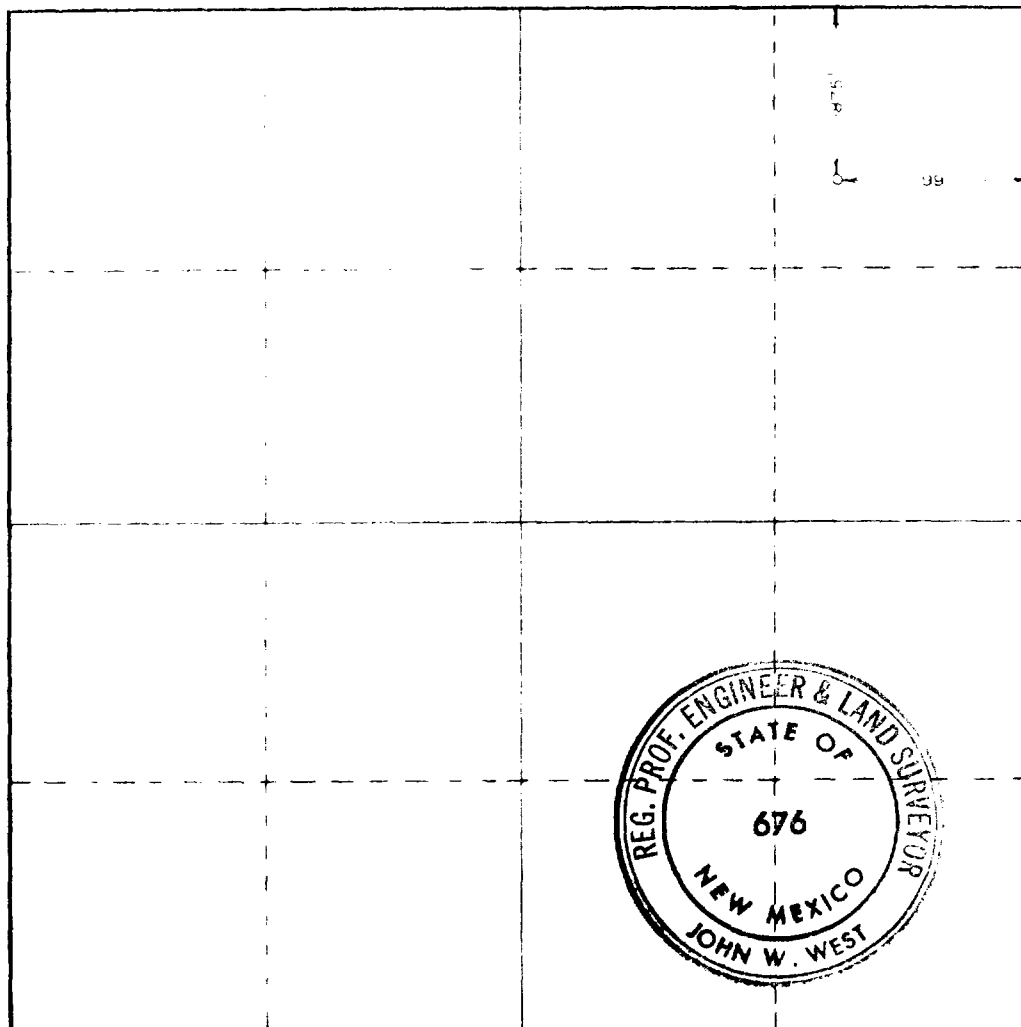
Operator GULF OIL CORPORATION		Lease LEA STATE "AQ"		Well No. 1
Section A	Section 32	Township 19 SOUTH	Range 35 EAST	County LEA
Acres of Private Land, if any: 875 feet from the NORTH line and 990 feet from the EAST line				
Acres of Public Land, if any: 3731.8	Producing Field No.		Pool	Dedicated Acreage: Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary) _____

No allowable will be assigned to the well until all interests have been consolidated by communitization, unitization, forced-pooling, or otherwise or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date of Survey
2/21/83

Registered Professional Engineer
and Land Surveyor

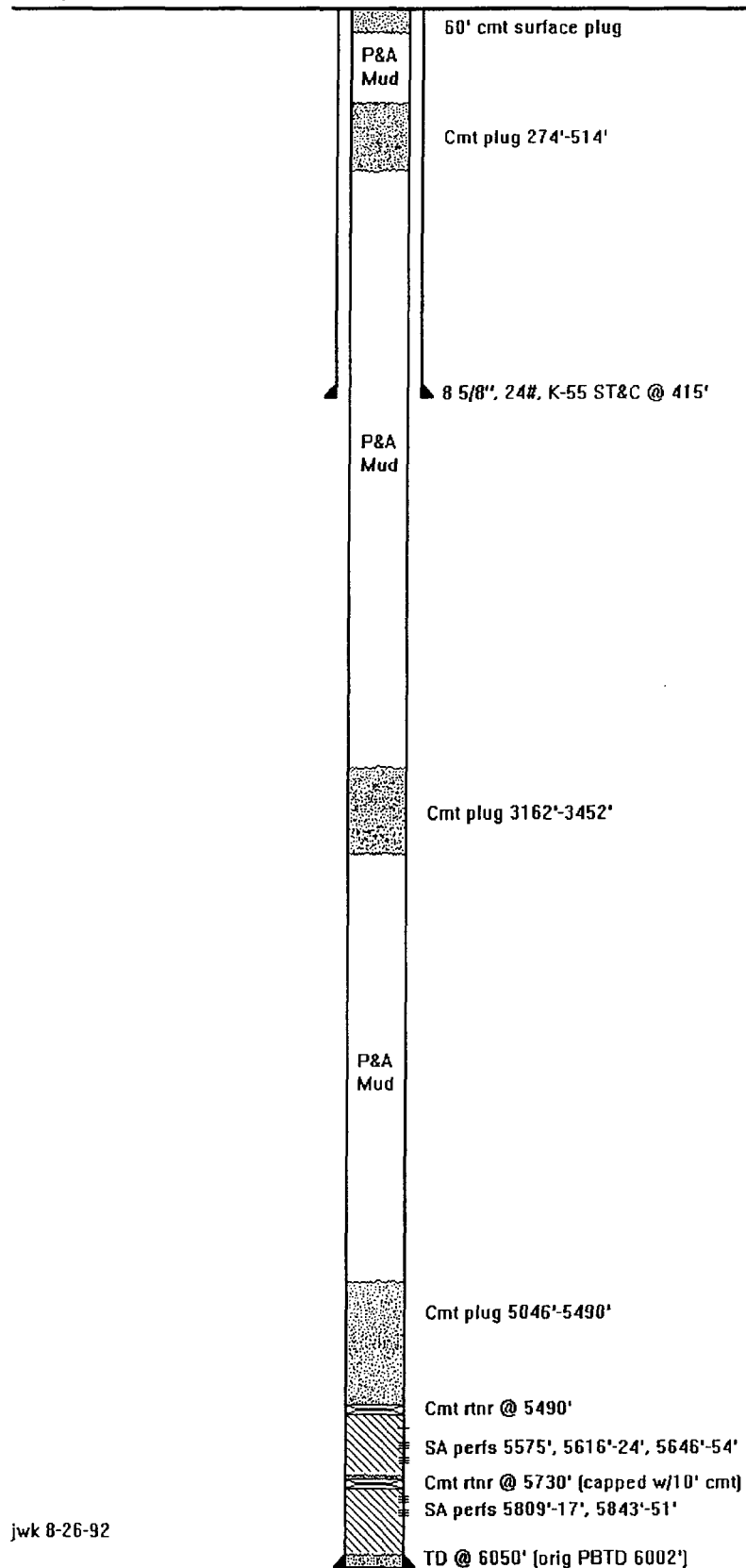
John W. West
Certificate No.

JOHN W. WEST NO. 676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

Well Name: Lea "AQ" State No 2
Field: Pearl West San Andres
County/State: Lea, New Mexico

Spot: NWNW
Location: Sec 33-19S-35E
GL: 3731' KB: 3744'



jwk 8-26-92

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

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

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

OIL CONSERVATION DIVISION

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

WELL API NO.

30-025-28319

1. Indicate Type of Lease

STATE ☒ FEZ ☐

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

2. Name of Operator

CAEIRON USA INC.

3. Address of Operator

15 Smith Rd Midland Tx 79707 P.O. Box 1150

9. Pool name of Well(s)

W PEARL QUEEN 1-

4. Well Location

Unit Lease D : 880 Feet From The North Line and 330 Feet From The West

Section 33

Township 19S

Range 35 E

NMPLM LEA

Corner

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

3731'

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.

CICR Well w/P.A mud
Spot 45sx blanced cmt plug f 5490/5046
SET 30sx plug f 3452/3167
SET 25sx plug f 514/274
SET 10sx plug f 60/surface installed dryhole marker
work started 8/29/90 ENDED 8/30/90

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

SIGNATURE

M. E. Abner

9/5/90

TITLE

Drilling Supt.

DATE

9/5/90

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-73

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.)

OIL WELL ☒	GAS WELL ☐	OTHER- ☐	7. Unit Agreement Name
Name of Operator Chevron U.S.A. Inc.			8. Farm or Lease Name Lea "AQ" State
Address of Operator P.O. Box 670 Hobbs, NM 88240			9. Well No. 2
Location of Well UNIT LETTER <u>D</u> <u>880</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>33</u> TOWNSHIP <u>19S</u> RANGE <u>35E</u> <u>WMPM.</u>			10. Field and Pool, or WHdcat W. Pearl San Andres
11. Elevation (Show whether DF, RT, GR, etc.) 3731			12. County Lea

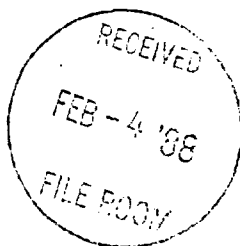
Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

ORIG REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
PORABLY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☒ T&A wellbore

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.

TD: 6050 PB:5470 Work performed 1-20-88 through 1-22-88

POOH w/ production equip. Set cmt ret at 5490'. Press. annulus to 500, estab. inj rate w/ FW, Pull out of cmt rtnr. Spot cmt to btm of tbq. Sting into rtnr. Sqzd w/300sx Class C w/ additives, Rev. out 8 1/2 sx. Displace hole w/ pkr fluid. ND BOP, NU WH. Clean location, release rig, turn over to production.



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

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

TITLE: Staff Drilling Engr. DATE: Feb. 2, 1988

FEB 4 - 1988

ITIONS OF APPROVAL, IF ANY:

T&A wellbore 2/1/88

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OPERATION	

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1

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.)

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 D 880 FEET FROM THE North LINE AND 330 FEET FROM
THE West LINE, SECTION 33 TOWNSHIP 19S RANGE 35E NMPM.

7. Unit Agreement Name

9. Farm or Lease Name

Lea "AO" State

9. Well No.

2

10. Field and Pool, or Whitcat
W. Pearl San Andres

15. Elevation (Show whether DF, RT, GR, etc.)
3731

12. County
Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

REPAIR REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
LL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JCS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER: T&A wellbore ☒

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.

It is proposed to T&A the wellbore as follows:

Kill well as necessary, TIH w/ CICR to $\pm$ 5500'. Set same and test backside to 500psi. Squeeze perfs 5575 (may be leaking), 5616-24 & 5646-54. Sting out of retainer, circulate hole w/pkr fluid and POOH w/prod tbg. Test csg to 500psi, ND BOPs, install flange RDMO PU.

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

by M. E. Akur

TITLE Staff Drilling Engineer

DATE January 14, 1988

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

COPIES OF APPROVAL, IF ANY:

TITLE _____

DATE JAN 18 1988

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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5a. Indicate Type of Lease
State ☒ For ☐

5. State Oil & Gas Lease No.

E-5886

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN, OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corp.	8. Farm or Lease Name Lea "A9" State
3. Address of Operator P.O. Box 670, Hobbs, NM 88240	9. Well No. 2
4. Location of Well UNIT LETTER D 880 FEET FROM THE North LINE AND 330 FEET FROM THE West LINE, SECTION 33 TOWNSHIP 19S RANGE 35E N.M.P.M.	10. Field and Pool, or Willcat n. Barb. kn. Andres
15. Elevation (Show whether DF, RT, GR, etc.) 3731' GL	12. County Lea

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 OPNS. ☐
 CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
 PLUG AND ABANDONMENT ☐

OTHER ☐OTHER Completion ☒

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.

Log Perf 5843-51' + 5809-17' 4 1/2" JHPF. Spot acid. Acc w/ 8250 gal 15% NEFE + (24) RCNB's. AR 5 BPM, Avg press 3000 psi, 151P 2050 psi. Inac w/ 48,100 gals x-link, 48,800# sand. 151P 2040, avg press 2100, AR 14 BPM. Set cnt ret 5733'. Ig w/ 150 gal gulf mix + 150 gal Cl "C" w/TP4 + H₂O. Spot acid 5855'-5655'. Perf 5809-11, 5843-51 w/ (4) 1/2" JHPF. Perf (4) 1/2" JHPF @ 5575'. Set C/BP 5600'. Set cnt ret 5531'. Ig w/ 2000 gal CaCl₂, 2000 gal flow ck, 500 gal Cl "H" w/CFR-2. Ig 3400 psi. Set cnt to 5595'. Ream to 5600'. Set of 2000# - OK. Clean cut to 5996'. Set cnt ret 5730'. Ig 5809-51' w/ 200 gal Cl "H" w/CFR-2.

(Continued)

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

SIGNED R. D. Prite TITLE AREA ENGINEER DATE 1-9-84

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

JAN 12 1984

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

lg to 3000#. Cap amt set w/ 10' amt. Ry 5616-24' + 5646-54' w/ (1)
(1 1/2") JHPF. Spot acid. Udz w/ 3000 gals 1590 NEFE + 24 RCNB's.
Avg press 2400#, AIR 1.5 BPM, 151P 2500#. GIN w/ tubing, pump
& rods. Hang on. Hooked up WH + started ppg
14x74" SPM.

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

Form C-105
Revised 11-1-84

5a. Indicate Type of Lease
State [X] Fee []
5. State Oil & Gas Lease No.
E-5886

1a. TYPE OF WELL
OIL WELL [X] GAS WELL [] DRY [] OTHER []
b. TYPE OF COMPLETION
NEW WELL [X] WORK OVER [] DEEPEN [] PLUG BACK [] DIFF. RESVR. [] OTHER []

7. Unit Agreement Name
8. Farm or Lease Name
Lea "A" State
9. Well No.
2

2. Name of Operator
Gulf Oil Corp.
3. Address of Operator
P.O. Box 670, Hobbs, NM 88240
4. Location of Well
UNIT LETTER D LOCATED 880 FEET FROM THE North LINE AND 330 FEET FROM

10. Field and Pool, or Wildcat
N. Earl San Andres

THE West LINE OF SEC. 33 TWP. 19S RGE. 35E

11. County
Lea

15. Date Spudded 9-14-83 16. Date T.D. Reached 9-25-83 17. Date Compl. (Ready to Prod.) 10-16-83 18. Elevations (D.F., RKB, RT, GR, etc.) 3731' GL 19. Elev. Casinghead -

20. Total Depth 6050' 21. Plug Back T.D. 5996' 22. If Multiple Compl., How Many Single 23. Intervals Drilled By Rotary Tools Cable Tools 0' 6050' -

24. Producing Interval(s) at this completion - Top, Bottom, Name 5616-5654 San Andres 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run GR-CNDL; DLL-MLL 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
8 5/8"	24#	415'	12 1/4"	250 24 - Circ	
5 1/2"	15.5#	6049'	7 7/8"	2050 24 - Circ	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	5709'	-

31. Perforation (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	AMOUNT AND KIND MATERIAL USED
5809-17, 5843-51 w/ (1) 1/2" JHPF (squeezed)	
5809-11, 5843-51 w/ (1) 1/2" JHPF (squeezed)	
5616-24, 5646-54 w/ (1) 1/2" JHPF	
5809-5851	8250 gal 15% NEFE, 24 balls
5616-5654	48180 gal x-line, 48,800# sd
	3000 gal 15% NEFE, 24 balls

33. PRODUCTION
a. First Production 10-16-83
b. Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping
c. Well Status (Prod. or Shut-in) Prod

34. Test Results

Date of Test	Hours Tested	Test Size	Flowing or Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-21-83	24	-		50	15	138	300
Test Pressure	Casing Pressure	Flowing or Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
30#	30#		50	15	138	34.10	

35. List of Attachments
36. Test Witnessed by

37. 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 RDPite TITLE AREA ENGINEER DATE 1-9-84

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ <u>1790</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ <u>3280</u>	T. Atoka _____	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ <u>3455</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ <u>3972</u>	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 _____ <u>5246</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Hough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	720	720	Red Bed.				
720	1790	870	LS + Shale				
1790	3280	2410	Salt + Anhy.				
3280	3900	720	Anhy. + Salt, G. all				
3900	4400	500	Salt + Anhy.				
4400	4750	750	Salt, Sand + Shale				
4750	5550	800	Salt + Sand				
5550	6025	475	Salt + Shale				

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Form C-103
Revised 10-1

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LAND OFFICE	
OPERATOR	

 5a. Indicate Type of Lease
 State ☒ Free ☐

5. State Oil & Gas Lease No.

E-5886

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-1011 FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name Lea "A9" State
3. Address of Operator P.O. Box 670, Hobbs, NM 88240	9. Well No. 2
4. Location of Well UNIT LETTER <u>D</u> , <u>880</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>33</u> TOWNSHIP <u>19S</u> RANGE <u>35E</u> N.M.P.M.	10. Field and Pool, or Wildcat H. Pearl-Mr. Andru
15. Elevation (Show whether DF, RT, GR, etc.) 3731' GL	12. County Lea

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 ☐COMMENCE DRILLING OPS. ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOB ☒OTHER ☐

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.

TD 6050' @ 5:00 P.M., 9-23-83. Finish logs @ 7:00 A.M., 9-25-83.
 RU + ran 144 + 1 cut jt. 5 1/2" 15.5# X55 LTVC (6036') set @ 6049'.
 Cmt w/ 2050 24 CL "H" ^{Gulf-mix} HR 7 + 300 24 CL "C" w/ Halad H. Plug
 down 5:30 P.M., 9-26-83. Circ 450 24.

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

SIGNED

J. B. Matthews

TITLE

AREA DRUG SUPT

DATE

10-10-83

ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY

OIL & GAS INSPECTOR

TITLE

DATE

OCT 13 1983

CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR		

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.)

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
E-5886

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator <i>Gulf Oil Corporation</i>	8. Farm or Lease Name <i>Sea "AG" State</i>
3. Address of Operator <i>P.O. Box 670, Hobbs, NM 88240</i>	9. Well No. <i>2</i>
4. Location of Well UNIT LETTER <i>D</i> <i>880</i> FEET FROM THE <i>North</i> LINE AND <i>330</i> FEET FROM THE <i>West</i> LINE, SECTION <i>33</i> TOWNSHIP <i>19S</i> RANGE <i>35E</i> NMPM.	10. Field and Pool, or Wildcat <i>Under N. Pearl</i> <i>Sea Under</i>
15. Elevation (Show whether DF, RT, GR, etc.) <i>3731' GL</i>	12. County <i>Sea</i>

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

TD 428' @ 8:45 A.M., 9-14-83. RU + ran 9 jts + 1 cut it 8 5/8" 24#
K-55, set @ 415'. Cont w/ 250 sd cl "C" w/ Call₂. Circ 100 sd.
Test csg 1000#, ok. Now drlg 7 7/8" hole

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

DISCUSSION

TITLE *AREA D&LG SURV*

DATE 9-21-52

APPROVED BY _____ ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR
CONDITIONS OF APPROVAL, IF ANY:

T I T L E

DATE _____

SEP 27 1983

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

E-5886

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. Name of Operator

GULF OIL CORPORATION

3. Address of Operator

P.O. Box 670 HOBBS, NEW MEXICO

4. Location of Well

UNIT LETTER D

LOCATED 880

FEET FROM THE NORTH LINE

AND 330 FEET FROM THE WEST

LINE OF SEC. 33

TWP. 19S RGE. 35E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

LEA 'AQ' STATE

9. Well No.

2

10. Field and Pool, or Wildcat

WEST PEARL - SAN AND

UNDESIGNATED

12. County

LEA

19. Proposed Depth

6050

19A. Formation

SAN ANDRES

20. Rotary or C.T.

ROTARY

21. Elevations (Show whether DP, RT, etc.)

3730.9 GL

21A. Kind & Status Plug, Bond

BLANKET

21B. Drilling Contractor

UNKNOWN

22. Approx. Date Work will start

SEPT 1 1983

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	400'	250 SKS	SURFACE
7 1/2	5 1/2	15.50	6050'	500 SKS	SURFACE

MUD PROGRAM

0 - 400' FW SPUD MUD 8.6-8.8 pp9 32-36 vis

400' - 6050 SATURATED BRINE SYSTEM 9.8-10.0 pp9 29-34 vis

BOP DRAWING #2 3000 psi WP

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/17/84
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed L. C. Corder Title AREA PRODUCTION MANAGER

Date 8-15-83

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 17 1983

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-124
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Gulf Oil Corporation		Lease Lea AQ State Pool		Acres 2
Unit Letter D	Section 33	Township 19 South	Range 35 East	County Lea County

Actual Footage Location of Well:

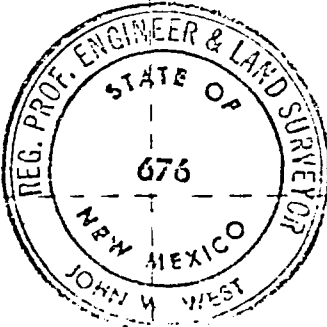
880 feet from the North line and	330 feet from the West line
Ground Level Elev. 3730.9	Producing Formation An. Andres
Pool West Pearl An. Andres	Dedicated Acreage 40

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

880' 330' 0/40 Gulf Oil Corp. West Pearl Queen Unit #140 Spud 9-20-58 TO 5010' Converted to Water Injector 4-21-65	
--	--

CERTIFICATION

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

R.C. Anderson

Name _____

R.C. ANDERSON

Position _____

AREA PRODUCTION MGR

Company _____

GULF OIL CORPORATION

Date _____

8-15-83

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

August 12, 1983

Registered Professional Engineer and/or Land Surveyor

John W. West

NEW MEXICO OIL CONSERVATION COMM. ON
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Gulf Oil Corporation		Lease Lea AQ State Deep		Well No. 2
Unit Letter D	Section 33	Township 19 South	Range 35 East	County Lea County

Actual Footage Location of Well:

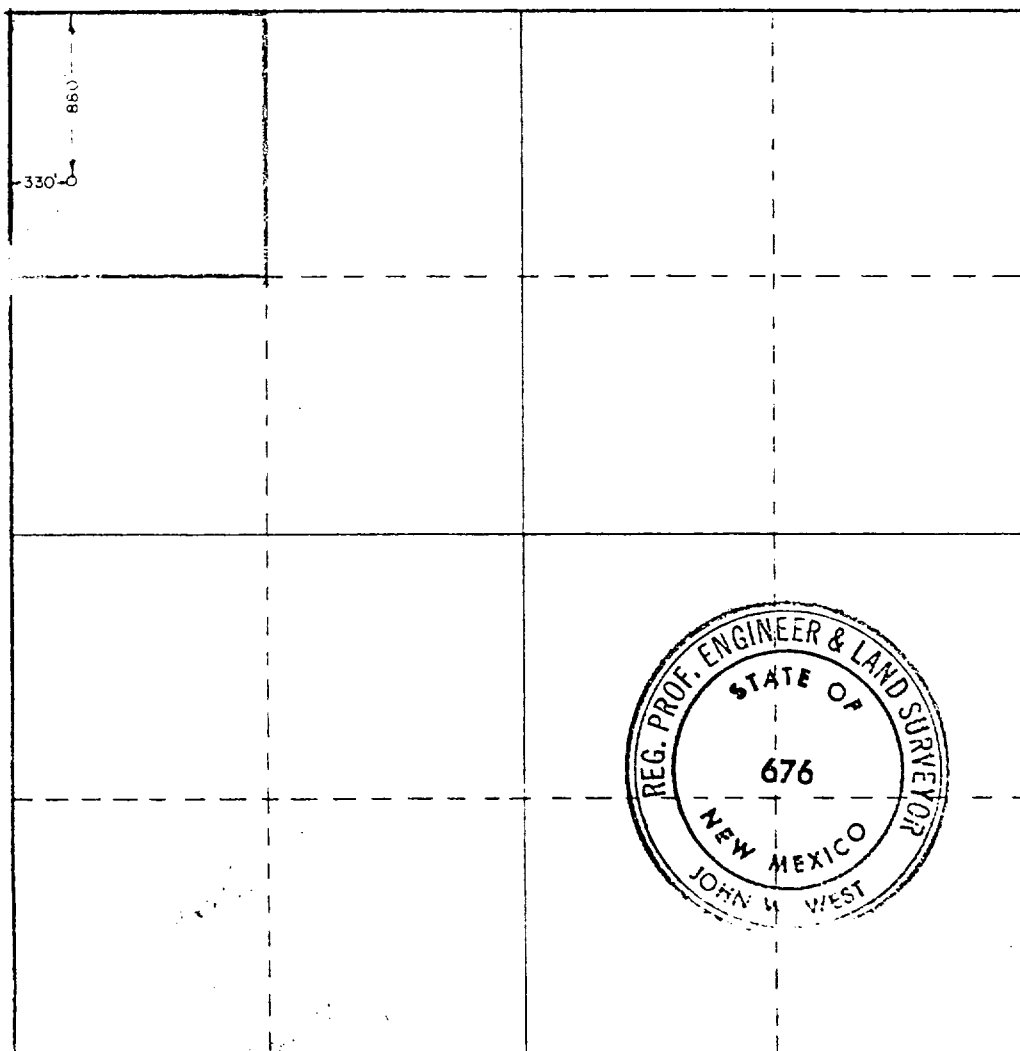
880 feet from the North line and	330 feet from the West line
Ground Level Elev. 3730.9	Producing Formation San Andres
Pool West Pearl San Andres	Dedicated Acreage 40

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

R.C. Anderson

Name **R.C. ANDERSON**

Position **AREA PRODUCTION MGR**

Company **GULF OIL CORPORATION**

Date **8-15-83**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **August 12, 1983**

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**

RONALD J. EIDSON 1229

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

**N. MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Gulf Oil Corporation			Lease Lea AQ State 1830		Well No. 2
Tract Letter D	Section 33	Township 19 South	Range 35 East	County Lea County	
Actual Footage Location of Well:					
880 feet from the North line and		330 feet from the West line			
Ground Level Elev. 3730.9	Producing Formation		Pool	Dedicated Acreage: Acres	

- 1 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- 2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 3 If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

	CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	Name _____ Position _____ Company _____ Date _____
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
	Date Surveyed August 12, 1983
	Registered Professional Engineer and/or Land Surveyor Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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.)

3a. Indicate Type of Lease

State ☒Fed ☐

3. State Oil & Gas Lease No.

E-1587

1.

OIL
WELL ☒GAS
WELL ☐OTHER ☐

7. Unit Agreement Name

2. Name of Operator

Gulf Oil Corp.

8. Form or Lease Name

Lea "A0" State

3. Address of Operator

P. O. Box 670, Hobbs, NM 88240

9. Well No.

3

4. Location of Well

UNIT LETTER B 870 FEET FROM THE North LINE AND 2310 FEET FROM
THE East LINE, SECTION 32 TOWNSHIP 19S RANGE 35E NMPM.

10. Field and Pool, or Wildcat

7. Pearl in Andres

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

3731' GL

12. County

Lea

16.

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

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.

Pot up prod eqpt. Spd 500 gals 15% NEFE. Perf 5653, 5657, 5687, 5710, 5734, 5754, 5755, 5756, 5790, 5794, 5798, 5809, 5811 in 1 1/2" JH.

Acq w/ 3000 gals 15% NEFE + RCNB'd. AIR 5.6 BPM @ 5483 psi. Swab.

Trac w/ 23,000 gals x-link gel + 20/40 sand. AIR 3.5 @ 2800 psi.

GIH up prod thg to 5879' GIH w/ rods + pmp. Ppd 73 BO, 145 BW w/ 25 MCF gas. Before, ppd 22 BO, 11 BW.

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

SIGNED WR Clark for RDPitreTITLE AREA ENGINEERDATE 10-29-84ORIGINAL SIGNED BY JERRY CEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____

TITLE _____

DATE _____

OCT 31 1984

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-70

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

15782-C

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
2. Name of Operator Gulf Oil Corp.	8. Farm or Lease Name W.A. Ramsey (NCT-D)
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 4
4. Location of Well UNIT LETTER <u>L</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>28</u> TOWNSHIP <u>24S</u> RANGE <u>38E</u> N.M.P.M.	10. Field and Pool or Fieldcat <u>Southward</u> <u>with Drinker</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3213' GL</u>	12. County <u>Lea</u>

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>Completion</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.

Armed pit, piped cellar. Log 6888'-5400'. Perf 6701, 6704, 6707, 6710, 6727, 6733, 6739, 6750, 6755, 6759, 6764, 6771, 6780, 6783 w/ (1) JHPF. Acc w/ 7000 gal 15% NEFE ACH + 29 RCNB's. ISIP 1400#, AP 3712# @ 5 BPM. Swab. RTH w/ 2 3/8" log, PN, SN, TAC, log @ 6848', SN @ 6813'. RTH w/ pump + rods.

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

SIGNED R.D. Pitre TITLE AREA ENGINEER DATE 8-31-84

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 12-1-76

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
 State ☒ For ☐
 5. State Oil & Gas Lease No.
E-1587

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

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-
 2. Name of Operator
Gulf Oil Corp.
 3. Address of Operator
P. O. Box 670, Hobbs, NM 88240
 4. Location of Well
 UNIT LETTER B 870 FEET FROM THE North LINE AND 2310 FEET FROM
 THE East LINE, SECTION 32 TOWNSHIP 19S RANGE 35E N.M.P.M.
 7. Unit Agreement Name
 8. Farm or Lease Name
Lea "AQ" State
 9. Well No.
3
 10. Field and Pool, or Wildcat
N. Pearl San Under
 15. Elevation (Show whether DF, RT, GR, etc.)
3731' GL
 12. County
Lea

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 OPS. ☐	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.

POH w/ prod eqpt. Spnt acid @ 5825' Per/ 5653, 5657, 5687, 5710,
5734, 5754, 5755, 5756, 5790, 5794, 5798, 5809, 5811 w/ (1) 1/2" JHPF.
Swab. Acidize. Swab. Trac. Reverse sand. G/H w/ prod
eqpt.

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

SIGNED RDPitre TITLE AREA ENGINEER DATE 8-31-84

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SEP 4 1984

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-70

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U.S.O.B.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease
 State ☒ Fee ☐
 3. State Oil & Gas Lease No.
LG 5543

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - I" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator
Gulf Oil Corp.

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

4. Location of Well
 UNIT LETTER 0 760 FEET FROM THE South LINE AND 1980 FEET FROM
 THE East LINE, SECTION 25 TOWNSHIP 18S RANGE 34E N.M.P.M.

7. Unit Agreement Name

8. Form or Lease Name
Lea "YH" State

9. Well No.

10. Field or Pool, or Wildcat
Upper Bore Springs

11. Elevation (Show whether DF, RT, GR, etc.)
3949' GL

12. County
Lea

16. 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 ☐

PLUG AND ABANDON ☐
 CHANGE PLANS ☐

REMEDIAL WORK ☐
 COMMENCE DRILLING OPNS. ☐
 CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
 PLUG AND ABANDONMENT ☐

OTHER Add Perfs ☒

OTHER ☐

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 updrtn eqpt. Circ Hole Clean. Perf 9199-9201', 9204-08',
 9214-16', 9273-74', 9287-89', 9294-96', 9312-14' w/ (2) 1/2" JHPF. Acz
 w/ 20% NEFE Surab. GIH updrtn eqpt. Hang off.

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

SIGNED

RL Pite

TITLE

AREA ENGINEER

DATE

8-28-84

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-78

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. E-5886	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name Lea "AG" State.
9. Well No. 3

2. Name of Operator Gulf Oil Corp.
3. Address of Operator P.O. Box 670, Hobbs, NM 88240
4. Location of Well

10. Field and Pool, or Wildcat N. Pearl San Andres
11. County Lea

UNIT LETTER B	LOCATED 870	FEET FROM THE North	LINE AND 2310	FEET FROM
THE East LINE OF SEC. 32 TWP. 19S RGE. 35E N.M.P.M.				

15. Date Spudded 1-30-84	16. Date T.D. Reached 2-15-84	17. Date Compl. (Ready to Prod.) 3-1-84	18. Elevations (D.F., R.A.B., R.T., G.R., etc.) 3731' GL	19. Elev. Casinghead -
20. Total Depth 5935'	21. Plug back T.D. 5883'	22. If Multiple Compl., How Many Single	23. Intervals Drilled By 0'-5935'	Rotary Tools -

24. Producing interval(s), of this completion - Top, Bottom, Name 5848-5860 San Andres	25. Was Directional Survey Made No
--	--

26. Type Electric and Other Logs Run CDL-CNL, DLL-MSFL-GR	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
8 5/8"	24#	411'	12 1/4"	350.04 - CIRC	
5 1/2"	15.5#	5934'	7 7/8"	1550.04 - CIRC	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	5843'	-

31. Perforation Record (Interval, size and number) 5838'-5844' w/ (4) 1/2" JHPF 90°	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5838-5844	4400 gal 15% NEFE, RCNB's
		41,780 gal gel, 75,000# 20/40 sand

33. PRODUCTION							
Date First Production 3-1-84	Production Method (Flowing, gas lift, pumping - Size and type pump) pumping				Well Status (Prod. or Shut-in) Prod		
Date of Test 3-28-84	Hours Tested 24	Choke Size -	Flowing or Test Interval 165	Oil - Bbl. 42	Gas - MCF 28	Water - Bbl. 28	Gas - Oil Ratio 255
Flow Tubing Press. 20#	Casing Pressure 20#	Calculated 24-Hour Rate 165	Oil - Bbl. 42	Gas - MCF 28	Water - Bbl. 28	Oil Gravity - API (Corr.) 35°	

14. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By
---	-------------------

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 RDPite TITLE AREA ENGINEER DATE 7-4-84		

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1800	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	3283	T. Atoka	T. Fictured Cliffs	T. Penn. "D"
T. Yates	3599	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	4009	T. Devonian	T. Menefee	T. Madison
T. Queen	4657	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Anres	5261	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	
T. Blinere		T. Gr. Wash	T. Morrison	
T. Tubb		T. Granite	T. Todilto	
T. Drinkard		T. Delaware Sand	T. Entrada	
T. Abo		T. Bone Springs	T. Wingate	
T. Wolfcamp		T.	T. Chinle	
T. Penn.		T.	T. Permian	
T. Cisco (Fough C)		T.	T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 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.....

FORMATION RECORD (Attach additional sheets if necessary)

[illegible]

RECEIVED

~~APR 5 1984~~

O.C.D.
HOBBS OFFICE

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
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U.S.O.S.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease	
State ☒	For ☐

3. State Oil & Gas Lease No.

E-5886

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
2. Name of Operator Gulf Oil Corp.	8. Farm or Lease Name Lea "AQ" State
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 3
4. Location of Well UNIT LETTER <u>B</u> <u>870</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>19S</u> RANGE <u>35E</u> NMPM.	10. Field and Pool, or Wildcat N. Pearl San Andres
15. Elevation (Show whether DF, RT, GR, etc.) 3731' GL	12. County Lea

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 ☒ Completion

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.

Pipe cellar, clean loc, set anchors. Fill cellar after state inspec.
Set csg 3000 psi - OK. Spot acid 5844-38'. Dri btm plug, cmt. Clean out
open hole to 5909'. Set cmt ret @ 5883', to thg 3500 psi. Cmt w/100 cu
CL "C" w/ D-19 + 50 cu w/ 2% CaCl₂. Lg @ 2850' @ 2 1/2 BPM. Spot acid @
5844'. Perf 5838'-5844' w/ (4) 1/2" JHPF 90°. Ann w/ 4400 gals 15% NEFE + RCNB₂.
ISIP 1980 psi, 4.7 BPM, AP 3650'. ^{Log 5833'-5300'.} Trac w/ 41780 gals gel, 75,500 # 20/40 sand.
Log 5837'-5300'. Circ hole clean. GMA, perf, sub, SN 2 3/8 thg. pump
 rods.

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

SIGNED

R. D. Prite

TITLE

H.E.P. ENGINEER

DATE

4-4-84

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

APR 6 1984

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-70

NO. OF COPIES RECEIVED	
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FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ For ☐

5. State Oil & Gas Lease No.
E-5886

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN 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
2. Name of Operator <u>Gulf Oil Corp.</u>	8. Farm or Lease Name <u>Lea "AQ" State</u>
3. Address of Operator <u>P. O. Box 670, Hobbs, NM 88240</u>	9. Well No. <u>3</u>
4. Location of Well UNIT LETTER <u>B</u> <u>870</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>19S</u> RANGE <u>35E</u> N.M.P.M.	10. Field and Pool, or Wildcat <u>N. Pearl In. Unders</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3731' GL</u>	12. County <u>Lea</u>

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.

TD 59.35' 2-19-84. Rll+raw 145' its & 1 cut jt 5 1/2" 15.5# K-55
LTIC, it @ 59.34' Cmt w/ 1250 sl @ "C" GM + 300 sl @ "C" neat.
Bumped plug @ 11:50 A.M., 2-19-84, held ok. Circ 300 sl to surface

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

SIGNED J. Matthews TITLE AREA DRILL SUPT DATE 3-8-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE MAR 14 1984

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

Form C-103
Revised 12-1-78

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LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease
State ☒ For ☐

5. State Oil & Gas Lease No.
E-5886

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

2. Name of Operator
Gulf Oil Corp.

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

4. Location of Well
UNIT LETTER B 870 FEET FROM THE North LINE AND 2310 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 19S RANGE 35E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
Lea "AQ" State

9. Well No.
3

10. Field and Pool, or Wildcat
W. Pearl in Andrew

15. Elevation (Show whether DF, RT, GR, etc.)
3731' GL

12. County
Lea

16. 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 ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐
OTHER ☐

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.

Red Ric Corp spudded 12 1/4" hole @ 9:30 P.M., 1-30-84. Drilled to 412'.
RU ran 9 jts + 1 cut jt 8 7/8" 24# K-55 JT+C, set @ 411'. Cmt w/ 350
sq of "C" w/ Call. Plug in @ 10:45 A.M., 1-31-84. Circ 100 sq.

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

SIGNED [Signature] TITLE AREA DRILL SUPT DATE 2-1-84

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE FEB 3 1984

30-025-28435

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No.	
E-5886	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Firm or Lease Name	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		Lea HQ State	
2. Name of Operator		9. Well No.	
Gulf Oil Corporation		3	
3. Address of Operator		10. Field and Pool, or Wildcat	
P.O. Box 670 Hobbs NM 88240		West Pool - San And.	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>870</u> FEET FROM THE <u>North</u> LINE AND <u>3310</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>19S</u> RGE. <u>35E</u> NMPM		12. County	
		Log	
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
6050		San Andies	Rotary
21. Elevations (Show whether DP, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3730.9	Blanket	Unknown	Nov 1, 1983

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24	400'	250	surface
7 1/4"	5 1/2"	15.50	6050	500	surface

Mud Program

0-400 FW spud mud 8.6-8.8 pp9 32-36 vi's

400-6050 10 pp9 brine 29-34 vi's

BOP Design #2 3000 psi working pressure

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed

L. C. Anderson

Title

AREA PRODUCTION MGR

Date

10-17-83

(This space for State Use)

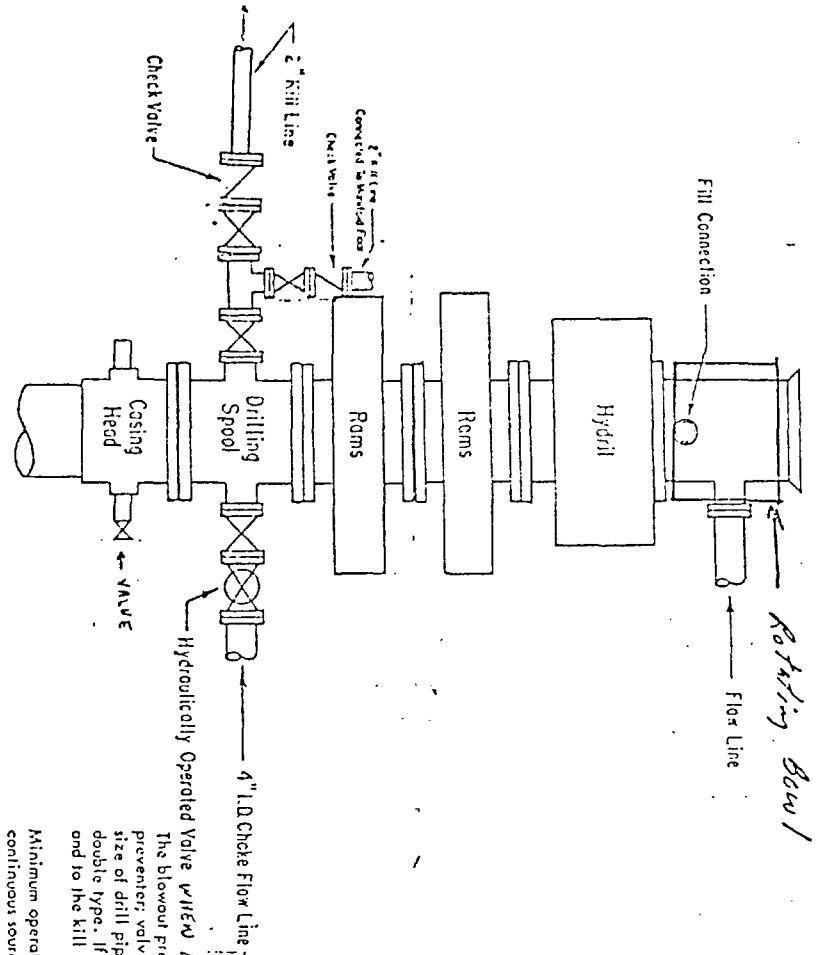
APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 20 1983



2000-3000 PSI WICKING PRESSURE BOP HOOK-UP FOR LARGE CASINGS

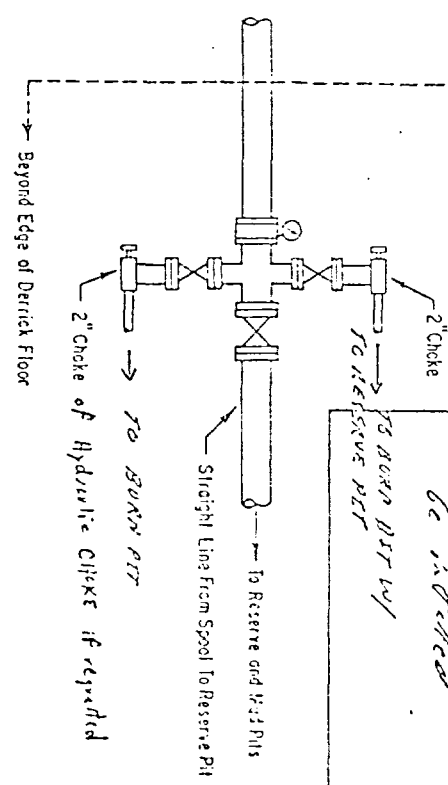
SPECIFY WORKING PRESSURE

tested, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When required, a second pressure reducer shall be available to limit operating fluid pressure to ram preventers. Gulf Legion No. 38 hydraulic oil, or equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, the choke flow line, the choke lines and the relief lines are to be supported by metal stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and without sharp bends. Every one side ocean shall be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and valves of the relief lines connected to the drilling spools and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick structure. All other valves shall be equipped with handles.

THE BLOWOUT PREVENTER ASSEMBLY SHALL CONSIST OF ONE BLIND RAM PREVENTER AND ONE PIPE RAM PREVENTER, BOTH HYDRAULICALLY OPERATED, A HYDRIL PREVENTER, VALVES, CHECKS AND CONNECTIONS, AS ILLUSTRATED. IF A TAPERED DRILL STRING IS USED, A RAM PREVENTER SHALL BE PROVIDED FOR EACH SIZE OF DRILL PIPE. CASING AND TUBING RAMS TO FIT THE PREVENTERS ARE TO BE AVAILABLE AS NEEDED. THE RAM PREVENTERS MAY BE TWO SINGLE OR A DOUBLE TYPE. IF CORRECT IN SIZE, THE FLANGED ENDS OF THE RAM PREVENTER MAY BE USED FOR CONNECTING TO THE 4-INCH I.D. CHOKER FLOW LINE AND TO THE KILL LINE. THE SUBSTRUCTURE HEIGHT SHALL BE SUFFICIENT TO INSTALL A ROTATING BLOWOUT PREVENTER.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) accumulation with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulators shall be sufficient to close all the pressure-operated devices simultaneously within 1/4 seconds after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least 50 percent of the original. When required, either an additional source of power, remote and equivalent, is to be available to operate the above pumps, or there shall be additional pumps operated by separate power and equal in performance capabilities.



ADDITIONS - DELETIONS - CHANGES
SPECIFY

NOTES: "Notes Required" means at any time the Gulf Legion can, may, or will require the equipment to be installed during operations.

Rotating Bowl to be installed

**NEW MEXICO OIL CONSERVATION COMMISSION ON
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

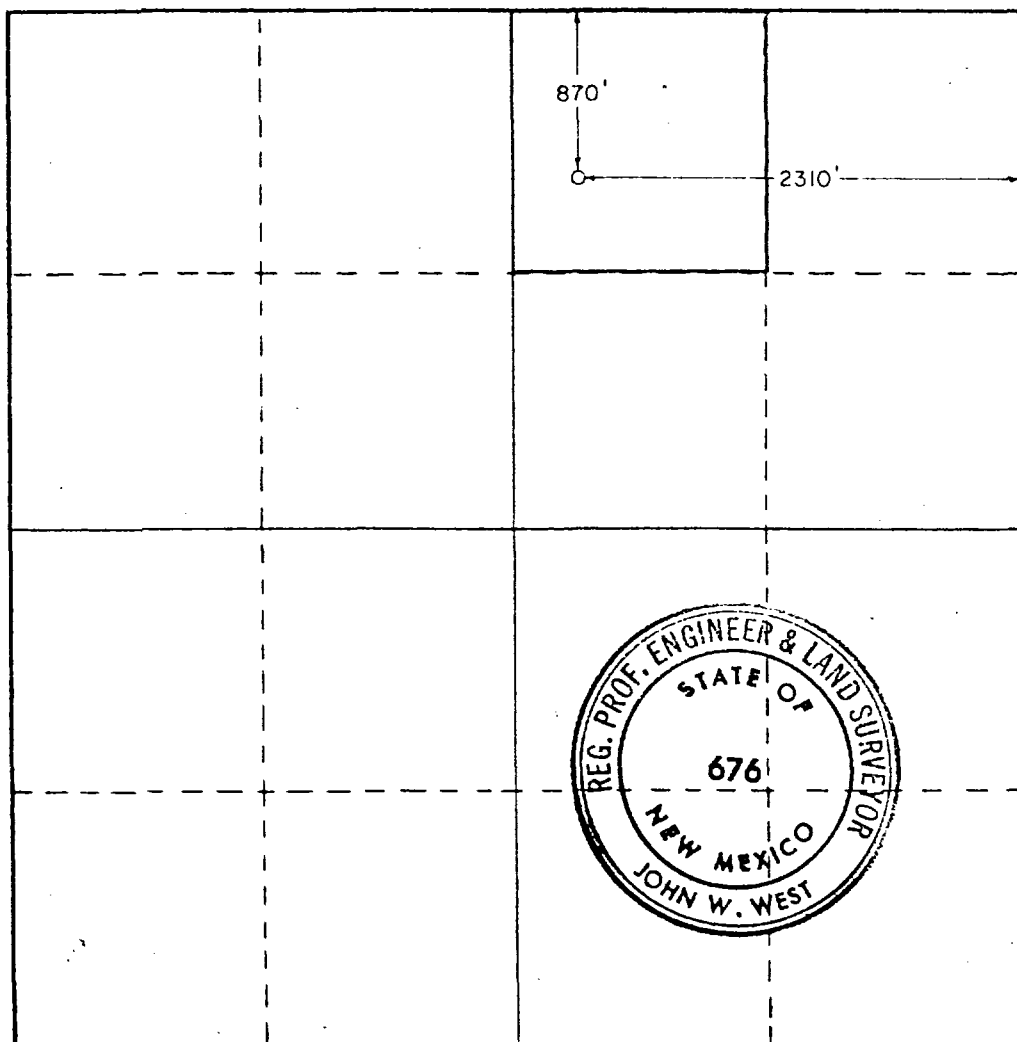
Operator Gulf Oil Corporation			Lease Lea AQ State		Well No. 3
Unit Letter B	Section 32	Township 19 South	Range 35 East	County Lea	
Actual Footage Location of Well: 870 feet from the north line and 2310 feet from the east line					
Ground Level Elev. 3732.7	Producing Formation <i>San Andres</i>		Pool <i>West Pearl San Andres</i>	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

R.C. Anderson

Name **R.C. ANDERSON**
Position **AREA PRODUCTION MGR**
Company **GULF OIL CORP**
Date **10-17-83**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **October 14, 1983**
Registered Professional Engineer and/or Land Surveyor
John W. West
Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 5239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

**N MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

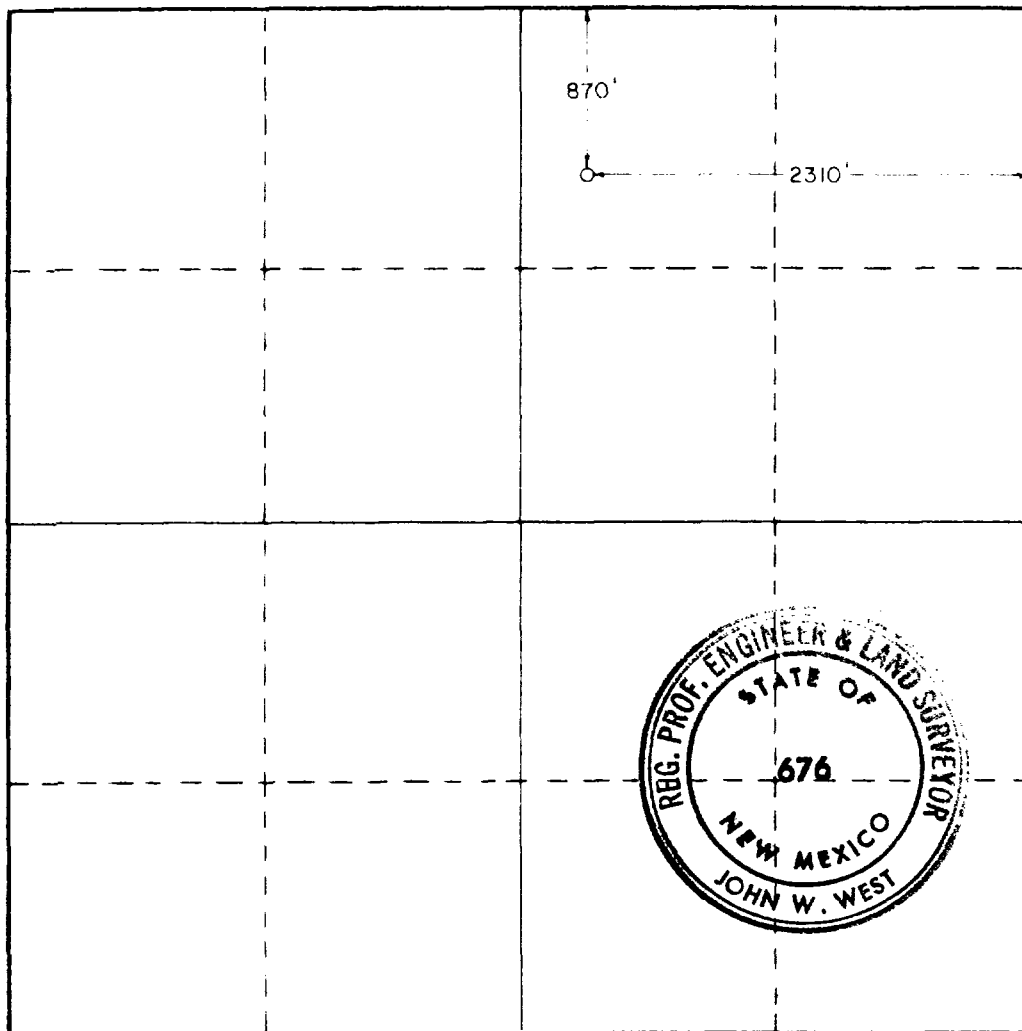
Operator Gulf Oil Corporation			Lease Lea AQ State		Well No. 3
Tract Letter B	Section 32	Township 19 South	Range 35 East	County Lea	
Actual Footage Location of Well:					
870		feet from the north	line and	2310	feet from the east line
Ground Level Elev. 3732.7	Producing Formation		Pool		Dedicated Acreage: Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

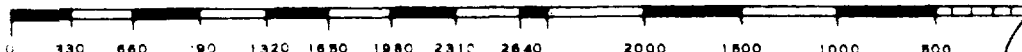
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Position
Company
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 14, 1983
Registered Professional Engineer and or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239



OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-70

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U.S.O.B.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
E-1587

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPERATE 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
2. Name of Operator Gulf Oil Corp.	8. Farm or Lease Name Lea "A" State
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 4
4. Location of Well UNIT LETTER D 330 FEET FROM THE South LINE AND 2310 FEET FROM THE East LINE, SECTION 29 TOWNSHIP 19S RANGE 35E N.M.P.M.	10. Field and Pool, or Wildcat N. Pearl Sea Andrus
15. Elevation (Show whether DF, RT, GR, etc.) 3739' GL	12. County Lea

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 Completion ☒

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.

pipe cellar + clean loc. 1st csg 3000 psi - ok. Perf (4) JHPF @ 5875.3'
Set cmt ret @ 5775'. Log w/ 75 sq Cl "C" neat followed by 75 sq Cl
"C" w/ Halad 4. Dril ret, Chase to bottom. Set cmt ret @ 5726'. Log
w/ 300 sq Cl "C" w/ Halad 4. Dril ret + cmt. Circ Clean. Log.
Perf 5856, 5860, 5834, 5764, 5756' w/ (1) 4" JHPF. Spot 300 gal 15% NEFE.
AP 2000 #, 1/2 BPM. Swab. Log w/ 5000 gal 15% HCL (30) RCNB's. AP 5200 psi,
AIR 6 BPM. Swab. Frac w/ 15,000 gal 40# X-link pad, 167,000 # sand.
AIR 22.3 BPM, AP 3300#. Rurs sand. RTH w/ perf sub, SN, 2 3/8" thg;
SN @ 5858'. G 1/4" w/ pmp + rods. Hookup to elect.

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

Signed **James H. Murrell** for title **AREA ENGINEER** DATE **6-26-84**

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

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LAND OFFICE	
OPERATOR	

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

Form C-103
Revised 11-1-83

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

E-1587

7. Unit Agreement Name

8. Farm or Lease Name

Lea "A" State

9. Well No.

4

10. Field and Pool, or Wildcat

n. Earl San Andres

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

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

2. Name of Operator

Gulf Oil Corp.

3. Address of Operator

P.O. Box 1670, Hobbs, NM 88240

4. Location of Well

UNIT LETTER **0** LOCATED **330** FEET FROM THE **South** LINE AND **2310** FEET FROM

THE **East** LINE OF SEC. **29** TWP. **19S** RGE. **35E**

11. County

Lea

15. Date Spudded

4-24-84

16. Date T.D. Reached

5-17-84

17. Date Compl. (Ready to Prod.)

6-7-84

18. Elevations (DF, RKB, RT, GR, etc.)

3739' GL

19. Elev. Casinghead

-

20. Total Depth

5922'

21. Plug Back T.D.

5870'

22. If Multiple Compl., How Many

Single

23. Intervals Drilled By

Rotary Tools

Cable Tools

0'-5922'

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

5756-5856 San Andres

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CDL-CNH, DLL-MLL

27. Was Well Cored

Yes

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

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	1819'	12 1/4"	900 sh	
5 1/2"	15.5	5920'	7 7/8"	1450 sh	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	5858'	-

30. TUBING RECORD

31. Perforation Intervals (Interval, size and number)

5875.3' (plugged)
5756, 5764, 5834, 5860, 5856 w/ 1.4" JHPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5756-5860	5300 gal 15% NEFE HCL, 15,000 gal 40% x-link pad, 167,000 # ad, 30 PCNB's

33. PRODUCTION

Date First Production 6-7-84		Production Method (Flowing, gas lift, pumping - Size and type pump) pumping				Well Status (Prod or Shut-in) Prod	
Date of Test 6-19-84	Hours Tested 24	Flow Rate W.O.	Oil - bbl. 137	Gas - MCF 75	Water - gal. 119	Gas - Oil Ratio 547	
Flow Turning Press. 20#	Casing Pressure 20#	Calculated 24-Hour Rate 137	Oil - bbl. 137	Gas - MCF 75	Water - gal. 119	Oil Gravity - API (Corr.) 33.7°	

34. Oil, Gas, or Gas (Solid, used for fuel, vented, etc.)

Sold

Test Witnessed By

35. 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

James H. Howard for **AREA ENGINEER**

DATE

6-26-84

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

Southeastern New Mexico

Northwestern New Mexico

T. Anby	1800	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	2700	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
D. Salt	3280	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	3589	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3985	T. Devonian	T. Menefee	T. Madison
T. Queer	4662	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	5261	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddeck		T. Ellenburger	T. Dakota	T.
T. Blinbry		T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todilto	T.
T. Drinkard		T. Delaware Sand	T. Entrada	T.
T. Abo		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T.	T. Chinle	T.
T. Penn.		T.	T. Permian	T.
T. Cisco (Bough C)		T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	3600	3600	Red Beds, Ark., salt				
3600	4000	400	Red Shale, salt, Ark., sand				
4000	5020	1020	Clay, shale, sand, salt				
5020	5950	930	Clay, Ark., shale				

RECEIVED

MAR 2 1934

22000

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-70

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

5a. Indicate Type of Lease

State ☒Fm ☐

5. State Oil & Gas Lease No.

E-1587

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 - II" (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corp.	8. Farm or Lease Name Lea "AQ" State
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 4
4. Location of Well UNIT LETTER <u>0</u> <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>29</u> TOWNSHIP <u>19S</u> RANGE <u>35E</u> N.M.P.M.	10. Field and Pool, or Wildcat Under N. Pearl
15. Elevation (Show whether DF, RT, GR, etc.) 3739' GL	12. County Lea

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 ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOBS ☒OTHER ☐

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.

TD 5922' 5-17-84. Card Logged; fin logging 8:00 A.M., 5-19-84 RU
+ 1/2" 140' to 5 1/2" 15.5# K-55 LT+C, 5 jts + 1 cut jt 5 1/2" 15.5#
K-55 ST+C; set @ 5920'. Cont w/ 1150 st CL "C" GM, tail w/ 300 st
CL "C" + 170 CF + 370 KCL. Bumped plug @ 1:10 A.M., 5-20-84. Circ 64
st to surd.

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

SIGNED

TITLE

DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103

Revised 10-1-78

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FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State ☒ For ☐
5. State Oil & Gas Lease No. <u>E-1587</u>

SUNDARY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN 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
2. Name of Operator <u>Gulf Oil Corp.</u>	8. Name of Lease Name <u>Lea 00" State</u>
3. Address of Operator <u>P. O. Box 670, Hobbs, NM 88240</u>	9. Well No. <u>4</u>
4. Location of Well UNIT LETTER <u>0</u> <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>29</u> TOWNSHIP <u>19S</u> RANGE <u>35E</u> NMPM.	10. Field and Pool, or Wildcat <u>Mc Pearl Undesig</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>3738.6' GL</u>	12. County <u>Lea</u>

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 OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	OTHER ☐

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.

Artec spudded 12 1/4" hole @ 3:00 A.M., 4-24-84. TD 1819' @ 7:00 P.M.,
4-26-84. RU + ran 44 jts + 1 cut jt. 85.8" 24# K-55 ST+C, set @
1819'. Cmt w/ 700 cu ft of "C" + 6% gel + 2% CaCl₂ followed w/ 200
cu ft of "C" + 2% CaCl₂. Bumped plug @ 4:00 A.M., 4-27-84. Circ
215 cu cmt to surf. Set csg 1000 psi - OK.

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

SIGNED [Signature] TITLE AREA DRILL SILEPT DATE 5-7-84

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

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

Form C-103
Revised 10-1-70

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease:
State ☒ For ☐
5. State Oil & Gas Lease No.
E-1587

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN 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
2. Name of Operator <u>Gulf Oil Corp.</u>	8. Farm or Lease Name <u>Lea AP State</u>
3. Address of Operator <u>P. O. Box 670, Hobbs, NM 88240</u>	9. Well No. <u>4</u>
4. Location of Well UNIT LETTER <u>0</u> <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>29</u> TOWNSHIP <u>19S</u> RANGE <u>35E</u> N.M.P.M. 10. Field and Pool, or Wildcat <u>Under N. Pearl San Andres</u>	
15. Elevation (Show whether DF, RT, GR, etc.) <u>3739' GL</u>	12. County <u>Lea</u>

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>Change APD</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.

12 1/4" Csg will be set @ 1800' instead of 400'.

18. 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 4-24-84

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

30-025-28673

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☒ FEE ☐
5. State Oil & Gas Lease No. <u>E-1587</u>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		7. Unit Agreement Name <u>Lea No. State</u>	
2. Name of Operator <u>Gulf Oil Corp.</u>		8. Farm or Lease Name	
3. Address of Operator <u>P. O. Box 670, Hobbs, NM 88240</u>		9. Well No. <u>4</u>	
4. Location of Well UNIT LETTER <u>0</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>29</u> TWP. <u>19S</u> RGE. <u>35E</u> NMPM		10. Field and Pool, or Wildcat <u>W. Hall</u> UNDESIGNATED	
21. Elevations (Show whether DF, RT, etc.) <u>3738.6' GL</u>		22. Approx. Date Work will start <u>April 15, 1984</u>	
21A. Kind & Status Plug. Bond <u>Blanket</u>		21B. Drilling Contractor <u>Unknown</u>	
19. Proposed Depth <u>6050'</u>		19A. Formation <u>Sax Andres</u>	
20. Rotary or C.T. <u>Rotary</u>			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<u>12 1/4"</u>	<u>8 5/8"</u>	<u>24</u>	<u>1800' 400'</u>	<u>300 lb 3 "C"</u>	<u>Surf</u>
<u>7 7/8"</u>	<u>5 1/2"</u>	<u>15.50</u>	<u>6050'</u>	<u>1800 lb 3 "C"</u>	<u>Surf</u>

Drilling Fluids: 0'-400' FW Spud mud 8.6-8.8 ppg 32-36 vis 9.0 ph NCWL
 400'-TD Saturated salt water 9.8-10.1 ppg 28-31 vis
 8.0 ph NCWL

BOP Program: See Attached Drawing #2 3000 psi Working Pressure

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 10/5/84
 UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

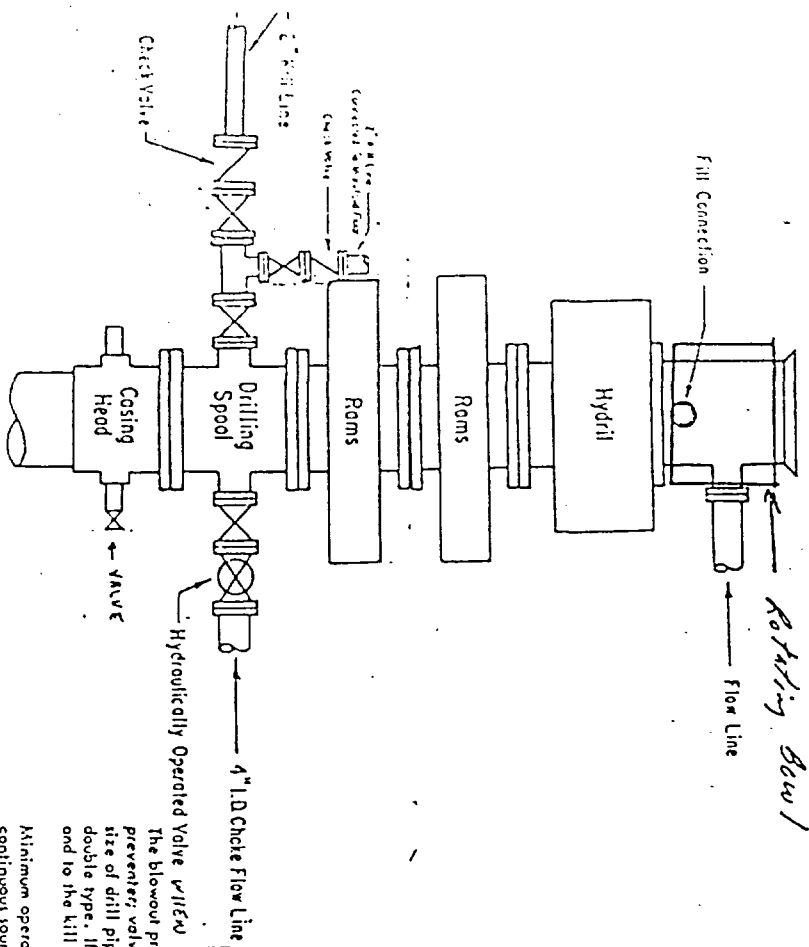
Signed R. C. Under Title AREA PROD MGR Date 3-30-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE APR 5 1984

CONDITIONS OF APPROVAL, IF ANY:

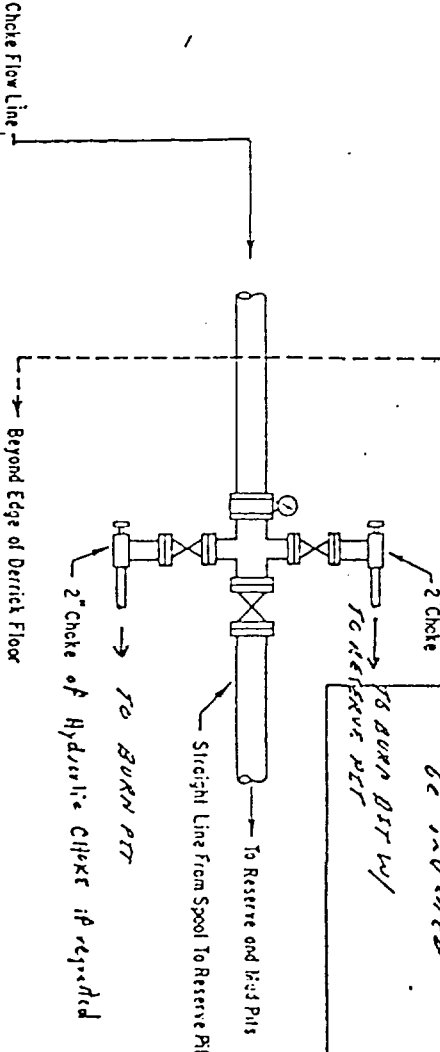


2000 - 3000 PSI WORKING PRESSURE BOP HOOK-UP FOR LARGE CASINGS

SPECIFY WORKING PRESSURE

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be located, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gull Legion No. 38 hydraulic oil, or equivalent or better, is to be used on the fluid to operate the hydraulic equipment.

The choke manifold, the choke flow line, the choke lines and the relief lines are to be supported by metal stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and without sharp bends. Any and all connections shall be maintained to the casing manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and valves of the relief lines connected to the drilling spools and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick structure. All other valves shall be equipped with handles.



Blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated; a hydril preventer; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer shall be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. The ram preventers may be two single or a double type. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and to the kill line. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventer and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) accumulation with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulation shall be sufficient to close all the pressure-operated devices simultaneously within 14 seconds after closure. The remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least 50 percent of the original. When requested, either an additional source of power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

ADDITIONS - DELETIONS - CHANGES SPECIFY

NOTE: "When Requested" means at any time the Gulf Synvisc can, may or will require the equipment to be installed during operations.

Rotating Seal to be indicated

75 BUMP DIST W/ TO RESERVE PIT

To Reserve and Kill Pits

Straight Line from Spool To Reserve Pit

2\"/>

2\"/>

W MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

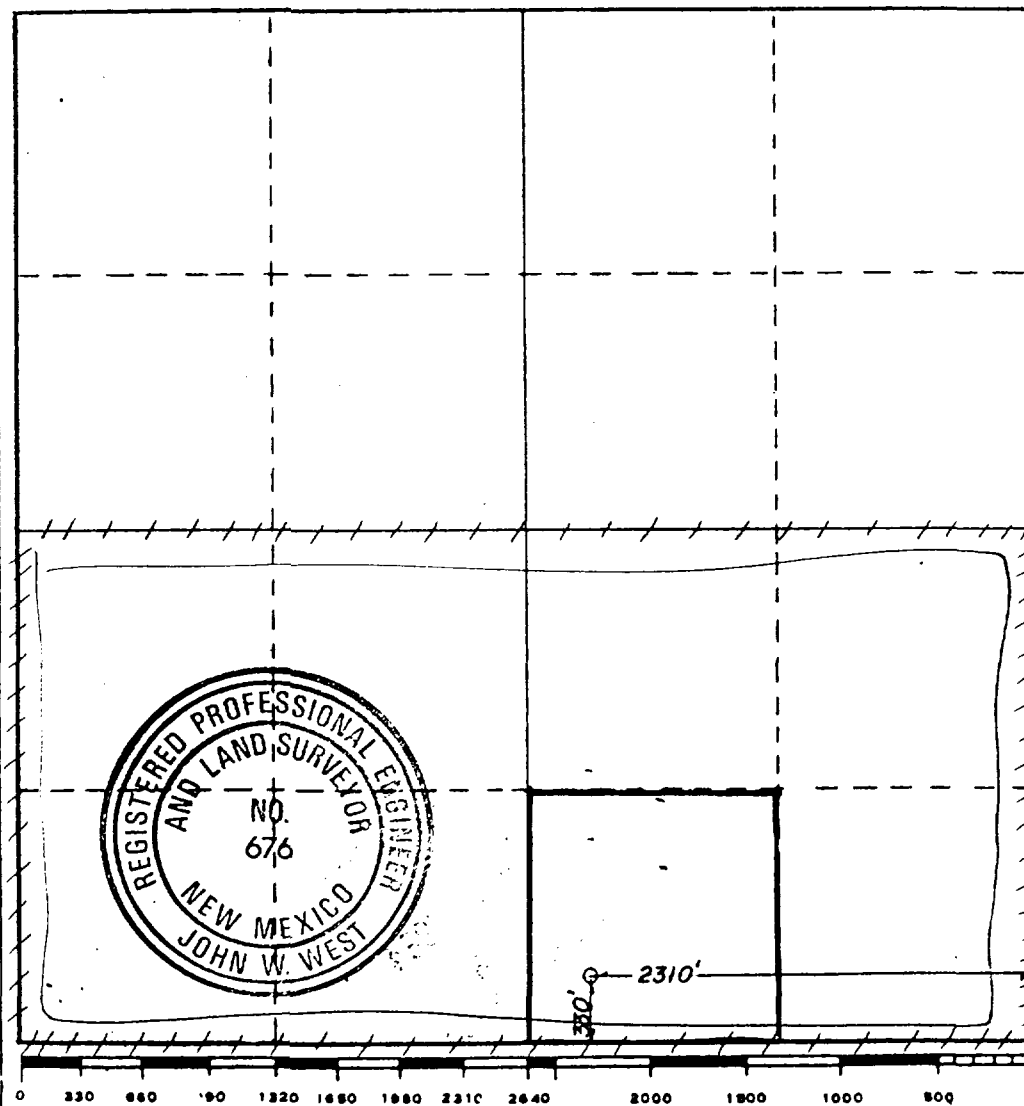
Operator GULF OIL CORP		Lease LEA AQ STATE DEED UNIT		Well No. 4
Unit Letter 0	Section 29	Township 19 SOUTH	Range 35 EAST	County LEA
Actual Footage Location of Well: 330 feet from the SOUTH line and 2310 feet from the EAST line				
Ground Level Elev. 3738.6'	Producing Formation Sax. Andrew	Pool West Pearl	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

L.C. Anderson

Name

R.C. ANDERSON

Position

AREA PROD MANAGER

Company

GULF OIL CORP

Date

3-30-84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

3-28-84

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**

RONALD J. EIDSON, 3239

APPLICATION FOR AUTHORIZATION TO INJECT
ITEM VII
AQ STATE #1

PROPOSED OPERATION:

1. Average and maximum rate and volume is 2000 BWPD.
2. The system will be a closed system, taking water from the MATADOR OPERATED wells in the Lea AQ State and Lea AP State San Andres Lease.
3. Proposed average and maximum injection pressure will be 910 psi. (Based on 80% of estimated frac pressure, at the surface, of 1140 psi.)
4. Sources of water will be from the same producing interval as being injected into.
5. NA See "4" above.

APPLICATION FOR AUTHORIZATION TO INJECT
ITEM VIII
AQ STATE #1

The Lea AQ State Lease is located on the western side of the Central Basin, nearly approaching the Province of the Delaware Basin.

The proposed injection zone falls within the Lower San Andres formation of the Permian System. The Lower San Andres is between the depths of 5600-5900 ft. The lithology of this interval is a highly dolomitized carbonate rock. This carbonate section generally contains porosity ranges between 2% - 16% with an average porosity of approximately 9% by log value. The water saturation ranges between 30% - 70% with relatively high moveable water.

The Lower San Andres underlies a tight dolomite formation with chert inclusion with some sand zones scattered.

Below the Lower San Andres are deposits of tight limestone grading into Delaware Sands and shale sequences.

All known sources of underground drinking water are located above the depth of 500 ft. No known sources of drinking water are formed below the injection interval.

APPLICATION FOR AUTHORIZATION TO INJECT
ITEM IX
AQ STATE #1

ITEM IX.

The injection zone will be stimulated with 100-150 gallon per foot of 15-20% HCL acid.

ITEM X.

Logs filed at time of original completion.

ITEM XI.

No fresh water wells were found within the one mile radius of the proposed injection well.

ITEM XII.

The geological and engineering staff for Matador Petroleum Corporation have examined available geologic and engineering data and have found no evidence of open faults or any other hydrological connection between the disposal zone and any underground sources of drinking water.

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

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

of 1
_____ weeks.

Beginning with the issue dated

June 6 1997
and ending with the issue dated

June 6 1997

Kathi Bearden
Publisher

Sworn and subscribed to before

me this 6th day of

June 1997

Jodi Benson
Notary Public.

My Commision expires
October 18, 2000
(Seal)

LEGAL NOTICE

June 6, 1997

Matador Operating Company,
415 W. Wall, Ste 1101, Mid-
land, TX 79701 (915) 687-
5955, Russ Mathis, Produc-
tion Manager, is applying for a
permit to convert the Lea AQ
State #1 well 875 FNL; 990
FEL, Sec 32, T19S, R35E,
Lea County, to a salt water
disposal well for produced
lease water. Disposal will be
into the San Andres formation
from 5634 MD to 5840 MD
with a maximum injection rate
of 2000 BWPD at a maximum
pressure of 910 psi. Persons
wishing to object or request a
hearing should contact the Oil
Conservation Division, 2040
South Pacheco, Santa Fe,
NM 87505 within 15 days.
#15249

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

01101892000 01508319
Matador Operating Company
415 W. Wall Suite 1101
a/c 434005
Midland, TX 79701



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

June 16, 1997

GOVERNOR

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

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

RE: Proposed:

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

Gentlemen:

I have examined the application for the:

Matador Operating Co	Lea AQ State	#1-A	32-19s-35e
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

*Cement 5 1/2" casing to surface. Have David Catanach in
OCD Santa Fe office review pressure ~~and~~ volume limitations
on the disposal well before use.*

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

/ed

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: MARCON PETRO CORP. Well: LEA 'AQ' STATE No. 1
Contact: ROSS MATHEIS Title: PROD. MGR. Phone: 915-657-5955
DATE IN 7-2-97 RELEASE DATE 7-17-97 DATE OUT 8-1-97

Proposed Injection Application is for: WATERFLOOD Expansion Initial

Original Order: R- Secondary Recovery Pressure Maintenance

SENSITIVE AREAS

X **SALT WATER DISPOSAL** Commercial Well

WIPP Capitan Reef

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

AREA of REVIEW WELLS

3 Total # of AOR

1 # of Plugged Wells

YES Tabulation Complete

YES Schematics of P & A's

YES Cement Tops Adequate

NO AOR Repair Required

INJECTION FORMATION

Injection Formation(s) SAN ANTONIO Compatible Analysis YES

Source of Water or Injectate AREA PRODUCTION

PROOF of NOTICE

✓ Copy of Legal Notice

✓ Information Printed Correctly

✓ Correct Operators

ON THE WAY Copies of Certified Mail Receipts

NO Objection Received

N/A Set to Hearing _____ Date

NOTES:

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact: ✓ Telephoned

Letter 8-1 Date

Nature of Discussion VED B...

2nd Contact: ✓ Telephoned

Letter 8-11 Date

Nature of Discussion OFFSET PRODUCTION

3rd Contact: _____ Telephoned

Letter _____ Date

Nature of Discussion _____