

marbob
energy corporation

PMESD-400634517

Supp: 1-22-2004

RECEIVED

December 30, 2003

JAN 2 2004

Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Attention: Mr. Mike Stogner

RE: Application for Administrative
Approval of Unorthodox Location
Featherhoser State #1
1980' FNL & 2310' FEL, Unit F
Section 20-T15S-R33E
Eddy County, New Mexico

30-25-28038

Dear Mike:

Lea

Marbob Energy Corporation (Marbob) hereby makes application pursuant to Oil Conservation Division Rule 104.F(2) and Rule 104.D(2) for administrative approval to re-enter the above referenced wellbore (formerly the Lea "VP" State #1) and complete it in the Morrow formation. Marbob and its partners own 100% of the operating rights in the W/2 proration unit with the Commissioner of Public Lands royalty being the only burden on the proration unit. We also own 100% of the operating rights in the E/2 with both state leases in the NE/4 and the SE/4 being the same state leases as the NW/4 and the SW/4. Therefore there is no difference in ownership in the proposed proration unit and the offset affected proration unit. This well was originally drilled by Gulf in 1982 to a depth deeper than our proposed re-entry. We anticipate significant cost savings on this project versus drilling a new well at an orthodox location. Also no matter how we oriented the proration unit we would still be unorthodox. By placing the proration unit as a W/2 then the same state leases are in the E/2 in equal shares.

We have sent copies of this application by certified mail to all the parties named on the attached plat which are all of the owners of record and/or operators of the offset proration units. We will supplement to you a copy of the return receipts when we receive them back. A copy of our proposed re-entry is attached along with the original well history.

We believe it is prudent to re-enter this wellbore versus drilling a new well at an orthodox location, as such we would request your approval of this application after the appropriate time has lapsed. If you need any additional information please contact me.

Sincerely,

Raye Miller

Raye Miller
Land Department

marbob@marbob.com

RM/mp
Enclosure

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
---------	----------	----------	-----------	------	---------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

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

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

Check One Only for [B] or [C]

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

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

- [D] Other: Specify _____

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

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

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

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

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

Raye Miller

Print or Type Name

Raye Miller
 Signature

Land Department

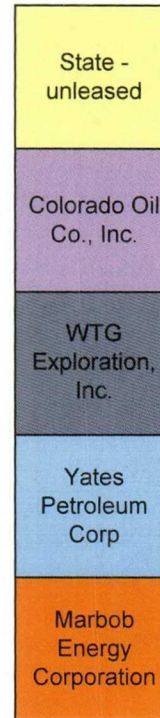
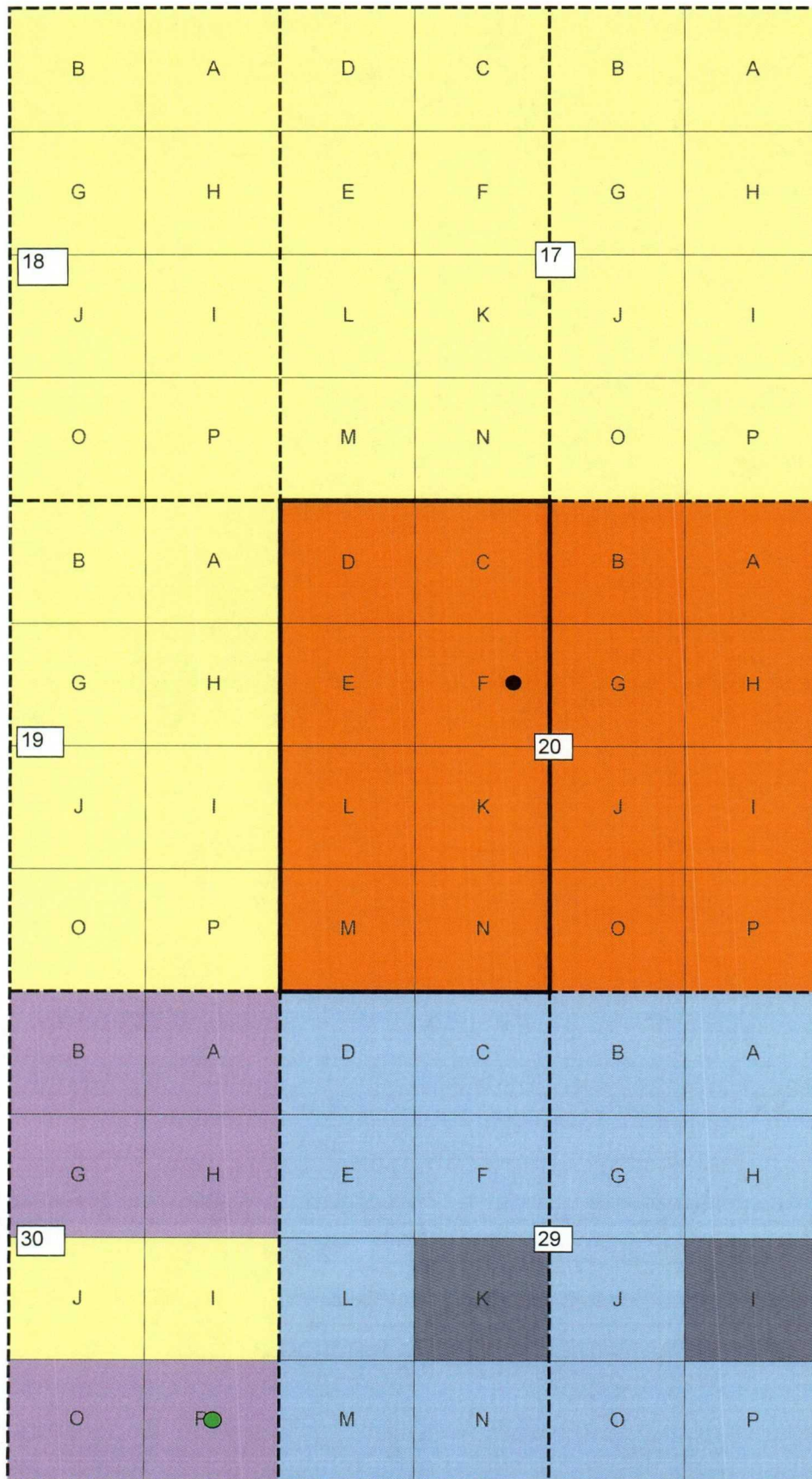
Title

12/30/03

Date

Marbob@marbob.com
 e-mail Address

T-15S R-33E



● Featherhoser State #1

● New Mexico A State #1 well
operated by
Chaparral Energy, Inc.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-101
Revised June 10, 2003

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Marbob Energy Corporation PO Box 227, Artesia, NM 88211-0227		² OGRID Number 14049
		³ API Number 30 -
³ Property Code	⁵ Property Name Featherhoser State	⁶ Well No. 001

⁷ Surface Location									
UL or lot no. F	Section 20	Township 15S	Range 33E	Lot Idn	Feet from the 1980	North/South line N	Feet from the 2310	East/West line W	County Lea

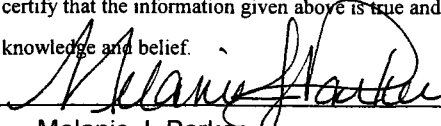
⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Saunders; Morrow (Gas) 84875						¹⁰ Proposed Pool 2			

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4220'
¹⁶ Multiple N	¹⁷ Proposed Depth 12850'	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date 01/01/2004

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48	460	800	Circ.
12 1/4"	9 5/8"	36	4465	1750	Circ.
8 1/2"	5 1/2"	17	12775	1930	Tie in to 9 5/8" csg

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

The 13 3/8" and 9 5/8" casing is existing with cement circulated to surface. We plan to drill out cement plugs to 12850', spot a 75-100 sk balanced plug, dress plug off to 12775' and run 5 1/2" casing and cement with sufficient cement to tie back in to 9 5/8" casing. The proposed BOP is a double ram Cameron BOP with a 5000# working pressure and 5000# test pressure.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Melanie J. Parker		Approved by:	
Title: Land Department		Title:	
E-mail Address: marbob@marbob.com		Approval Date:	Expiration Date:
Date: December 15, 2003	Phone: 505-748-3303	Conditions of Approval: Attached <input type="checkbox"/>	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 84875	³ Pool Name Saunders; Morrow (Gas)
⁴ Property Code	⁵ Property Name Featherhoser State		⁶ Well Number 1
⁷ OGRID No. 14049	⁸ Operator Name Marbob Energy Corporation		⁹ Elevation 4219.6

¹⁰ Surface Location

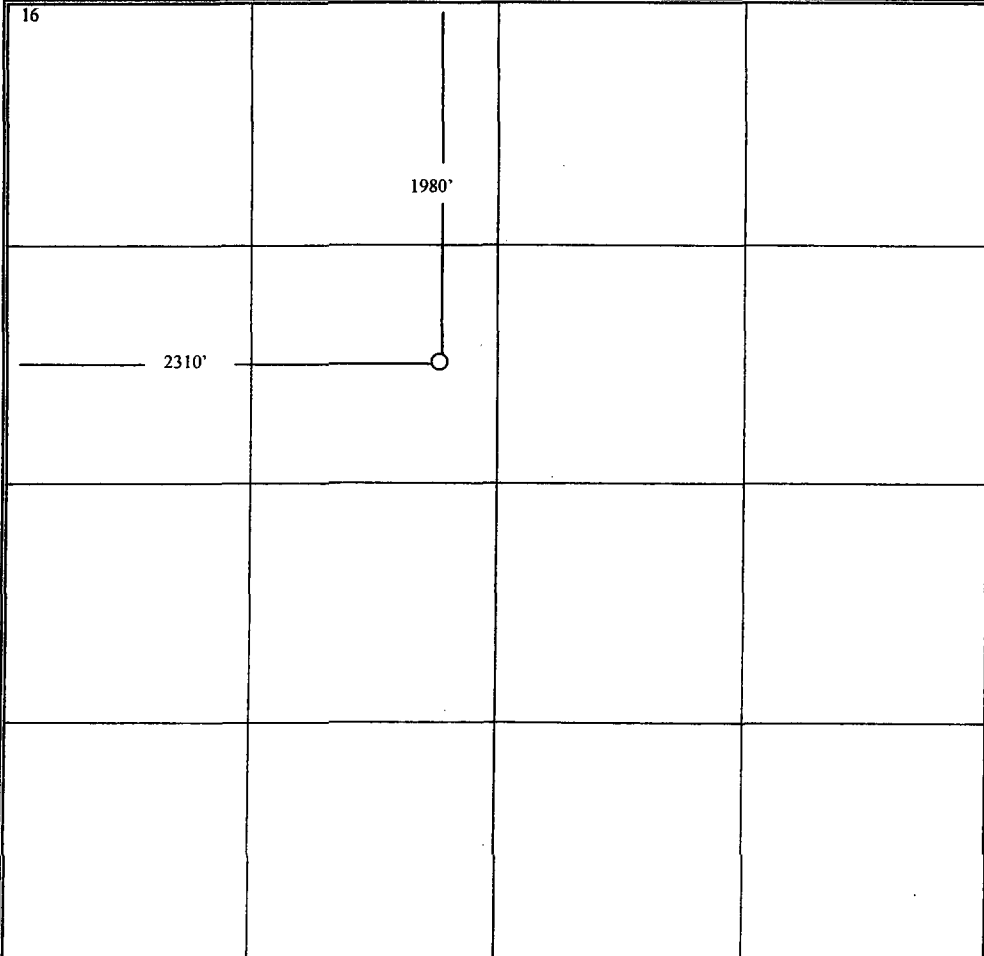
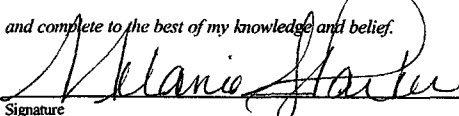
UL or lot no. F	Section 20	Township 15S	Range 33E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 2310	East/West line West	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> 	<div>17 OPERATOR CERTIFICATION</div> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p> Signature</p> <p>Melanie J. Parker Printed Name</p> <p>Land Department</p> <p>Title and E-mail Address</p> <p>December 22, 2003 Date</p>
	<div>18 SURVEYOR CERTIFICATION</div> <p><i>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 belief.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

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

Form C-103
Revised 10-1-7

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Non <input type="checkbox"/>
5. State Oil & Gas Lease No. LG-3419
7. Unit Agreement Name
8. Farm or Lease Name Lea "VP" State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Lea

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: Dry
2. Name of Operator Gulf Oil Corporation
3. Address of Operator P. O. Box 670, Hobbs, NM 88240
4. Location of Well UNIT LETTER F 1980 FEET FROM THE North LINE AND 2310 FEET FROM West LINE, SECTION 20 TOWNSHIP 15S RANGE 33E NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) 4220' GL

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

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.

Logs complete at 10:00 A.M., 3-5-83. Set following plugs per Jerry Sexton 3-4-83:
13,918'-14,018' with 40 sacks Class "H"
12,328'-12,428' with 40 sacks Class "H"
11,200'-11,300' with 40 sacks Class "H"
9350'-9450' with 40 sacks Class "H"
8318'-8418' with 40 sacks Class "H"
7025'-7125' with 40 sacks Class "H"
5742'-5842' with 40 sacks Class "H"
4415'-4515' with 40 sacks Class "H"
1487'-1587' with 40 sacks Class "H"
10 sack surface plug

Install dry hole marker. Clear and clean location. P&A 3-7-83.

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

SIGNED W. J. Simpson TITLE Area Engineer DATE 3-9-83
D. W. B. Smith OIL & GAS INSPECTOR
JUL 15 1983

drl out to 12850'
5 1/2" @ 12750'
cmt to tie into 9 5/8"

Saunders Morrow 84875

Morrow 12611-12620

Atoka 12267-12369

Strawn 11666-11671

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LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-88

5a. Indicate Type of Lease
State ☒ F
5. State Oil & Gas Lease No.
LG-3419

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 Corporation

3. Address of Operator

P. O. Box 670, Hobbs, NM 88240

4. Location of Well

UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 2310 FEET FROM

THE West LINE OF SEC. 20 TWP. 15S RGE. 33E

15. Date Spudded

12-7-82

16. Date T.D. Reached

2-28-83

17. Date Compl. (Ready to Prod.)

Dry

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

4220' GL

19. Elev. Casinghead

--

20. Total Depth

14,075'

21. Plug Back T.D.

--

22. If Multiple Compl., How Many

Single

23. Intervals Drilled By

Rotary Tools

24. Was Direction Made

No

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

Dry

26. Type Electric and Other Logs Run

GR-Sonic, GR-Neutron-Density, Dual Laterolog-RXO

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 P
13-3/8"	48#	460'	17 1/2"	800 sx - circ	
9-5/8"	36#	4465'	12 1/4"	1750 sx - circ	

11/20/0
11/20/0
11/20/0

INSTRUCTIONS

This form is to be filed with the state 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 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. Anhy _____ 1487	T. Canyon _____ 10,311	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 2510	T. Strawn _____ 11,036	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2632	T. Atoka _____ 11,991	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2872	T. Miss _____ 13,240	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3854	T. Devonian _____ 13,968	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4186	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 5792	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Bluebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb Sand 7075	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo Sh 7802 Dolo 8368	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) 9935	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 _____

WELL NAME AND NUMBER Lea "VP" State No. 1

LOCATION 1,980' FNL & 2,310' FWL of Section 20, Township 15 South, Range 33 East,
(Give Unit, Section, Township and Range) in Lea County, New Mexico

OPERATOR Gulf Oil Corporation

DRILLING CONTRACTOR Gulf Oil E & P Co., Odessa Drilling Department, Odessa, Texas

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1 1/2⁰ @ 294'</u>	<u>1/2⁰ @ 7921'</u>	<u> </u>
<u>1/2⁰ @ 460'</u>	<u>0⁰ @ 8240'</u>	<u> </u>
<u>1/4⁰ @ 1000'</u>	<u>1 1/4⁰ @ 8846'</u>	<u> </u>
<u>0⁰ @ 2000'</u>	<u>1⁰ @ 9360'</u>	<u> </u>
<u>1/4⁰ @ 2310'</u>	<u>1⁰ @ 9890'</u>	<u> </u>
<u>1⁰ @ 2800'</u>	<u>1⁰ @ 10127'</u>	<u> </u>
<u>3/4⁰ @ 3300'</u>	<u>1⁰ @ 10535'</u>	<u> </u>
<u>1⁰ @ 4203'</u>	<u>1 1/4⁰ @ 11032'</u>	<u> </u>
<u>3/4⁰ @ 4420'</u>	<u>1⁰ @ 11277'</u>	<u> </u>
<u>1/2⁰ @ 4979'</u>	<u>1⁰ @ 11734'</u>	<u> </u>
<u>1/4⁰ @ 5660'</u>	<u>2⁰ @ 12313'</u>	<u> </u>
<u>3/4⁰ @ 6139'</u>	<u>2⁰ @ 12882'</u>	<u> </u>
<u>1/2⁰ @ 6450'</u>	<u>1 1/4⁰ @ 13115'</u>	<u> </u>
<u>1/2⁰ @ 6950'</u>	<u>3/4⁰ @ 13493'</u>	<u> </u>
<u>3/4⁰ @ 7485'</u>	<u>1 3/4⁰ @ 13958'</u>	<u> </u>

DRILLING CONTRACTOR GULF OIL E & P CO.

By: *P. N. Binkley Jr.*

Subscribed and sworn to before me this 10th day of March, 1983

Charles W. Shelton
Notary Public
Charles W. Shelton
Ector County, Texas

My Commission Expires: 3-31-85

ENERGY AND MINERALS DEPARTMENT

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CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10

3a. Indicate Type of Lease
State <input checked="" type="checkbox"/> For <input type="checkbox"/>
3. State Oil & Gas Lease No.
LG-3419

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 TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name Lea "VP" State
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 1
4. Location of Well UNIT LETTER <u>F</u> , <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>West</u> LINE, SECTION <u>20</u> TOWNSHIP <u>15S</u> RANGE <u>33E</u> N.M.P.M.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4220' 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 <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

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 4466' at 12:30 A.M., 12-18-82. Logs complete at 6:00 A.M., 12-19-82. RU & ran 107 + 1 cut joint 9-5/8" 36# K-55 & S-80 (4438') set at 4465'. Cement with 1550 sacks Class "C" gulfmix and 200 sacks Class "C" neat. Plug down 1:20 P.M., 12-19-82. WOC 18 hours. Circulate cement to surface. Test casing 1500#, ok. Drill cement. Drill 7-7/8" hole 4:00 P.M., 12-20-82.

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

SIGNED H. B. Pulliam TITLE Area Drilling Superintendent DATE 12-27-82

ORIGINAL SIGNED BY
APPROVED BY JERRY SEXTON TITLE _____ DATE DEC 29 1982
CONDITIONS OF APPROVAL DATE 1 1983

TO BE FILLED BY RECIPIENT	
1. DISTRIBUTION	
SANTA FE	
FILE	
U.S.D.S.	
LAND OFFICE	
OPERATION	

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

Form C-103
Revised 10-1-7

3a. Indicate Type of Lease
State ☒ Pool ☐

5. State Oil & Gas Lease No.

LG-3419

SUNDARY 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 TO DRILL OR TO OPERATE FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator

Gulf Oil Corporation

Address of Operator

P. O. Box 670, Hobbs, NM 88240

Location of Well

UNIT LETTER F 1980 FEET FROM THE North LINE AND 2310 FEET FROM

THE West LINE, SECTION 20 TOWNSHIP 15S RANGE 33E N.M.P.M.

7. Unit Agreement Name

8. Form or Lease Name

Lea "VP" State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

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

4220' 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 ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING TEST AND ELEMENT JOB ☒
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

1. 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.

Gulf spudded 17½" hole at 2:30 P.M., 12-7-82. TD 500' at 6:30 P.M., 12-7-82. RU & ran 11 joints and 1 cut joint 13-3/8" H-40 48# STUC, set at 460'. Cement with 800 sacks Class "C" with CaCl₂. Circulate cement to surface. Plug down 7:00 A.M., 12-8-82. WOC 18 hours. Test casing 1000#, ok.

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

SIGNED [Signature]

TITLE Area Drilling Superintendent

DATE 12-21-82

SIGNED BY ORIGINAL SIGNED BY

TITLE AREA DRILLING SUPERINTENDENT

DATE DEC 30 1982

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
OPERATOR	

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

Form C-103
Revised 10-

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. LG-3419	

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation		8. Farm or Lease Name Lea "VP" State
3. Address of Operator P. O. Box 670, Hobbs, NM 88240		9. Well No. 1
4. Location of Well UNIT LETTER <u>F</u> , <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>West</u> LINE, SECTION <u>20</u> TOWNSHIP <u>15S</u> RANGE <u>33E</u> NMPM.		10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4220' 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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER <u>Amend APD</u>	

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 1705.

The above well will be drilled to a proposed depth of 14,500' instead of 14,000' as shown on APD submitted 11-19-28.

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

SIGNED R D Pite TITLE Area Engineer DATE 2-21-83

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 CHIEF DIVISION

...EED 9 9 1002

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

30-125-28038

Form O-101
Revised 1-1-85

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>

5. State Oil & Gas Lease No.
LG-3419

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. Type of Well		8. Farm or Lease Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		Lea "VP" State	
c. Name of Operator		9. Well No.	
Gulf Oil Corporation		1	
d. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 670, Hobbs, NM 88240		Wildcat	
4. Location of Well		12. County	
UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE		Lea	
AND <u>2310</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>20</u> TWP. <u>15S</u> RGE. <u>33E</u> NMPM			
18. Proposed Depth		19A. Formation	
14,000'		Devonian	
20. Rotary or C.T.		21. Elevations (Show whether DF, RT, etc.)	
Rotary		4219.6' GL	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket		Gulf #4	
22. Approx. Date Work will start			
11-25-82			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	450'	500	circ
12½"	9-5/8"	36# & 40#	5,000'	800	circ
8½"	5½"	17#	14,000'		will be deter by caliper log

Mud Program: 0' - 450' FW spud mud
 450' - 5,000' Brine
 5,000' - 14,000' FW w/Driscac & Gel

See Attached BOP Drawings #2 & #4

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 5/22/83
 UNLESS DRILLING UNDERWAY

Gas is Not Dedicated

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 [Signature] Title Area Production Manager Date 11-19-82

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY JERRY SEXTON TITLE DATE NOV 22 1982

CONDITIONS OF APPROVAL: IF ANY, LIST HERE

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

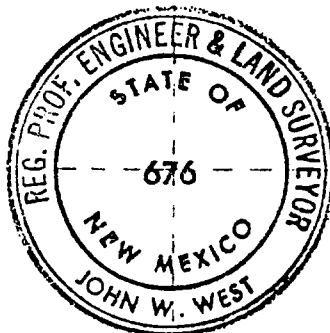
Lessee GULF OIL CORP.			Lease LEA V.P. STATE			Well No. 1		
Section F	Section 20	Township 15 SOUTH	Range 33 EAST	County LEA				
Actual Well Location of Well:								
1980		feet from the	NORTH	Line and	2310	feet from the	WEST	Line
Ground Level Elev. 4219.6		Producing Formation Devonian		Foot Wildcat		Estimated Acreage: 320		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 Manager

Company
Gulf Oil Corporation

Date
11-19-82

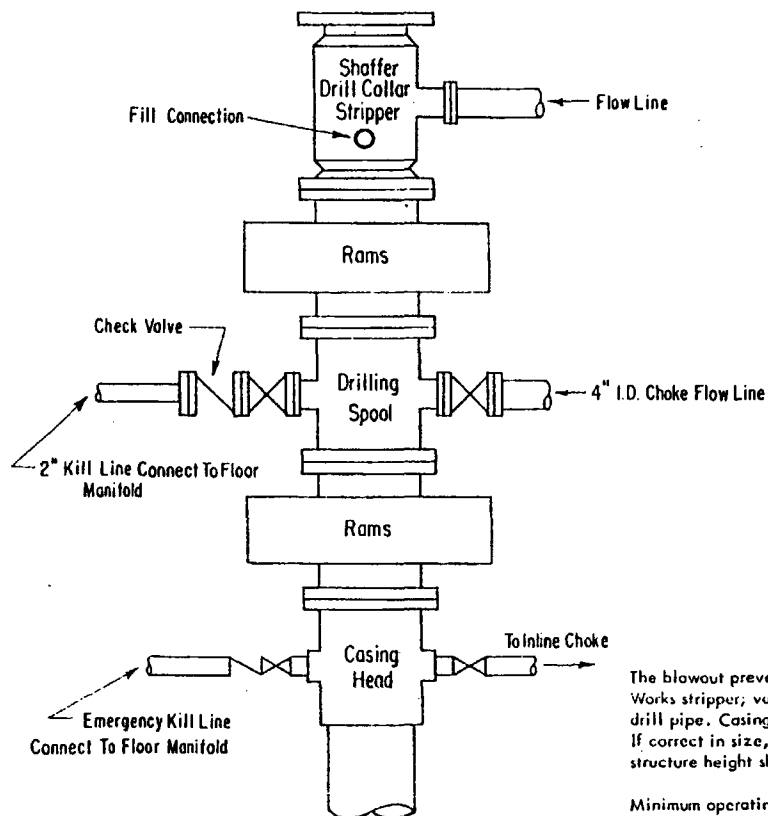
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 15, 1982

Registered Professional Engineer and Land Surveyor

John W. West

DRAWING NO. 2
Revised April, 1970



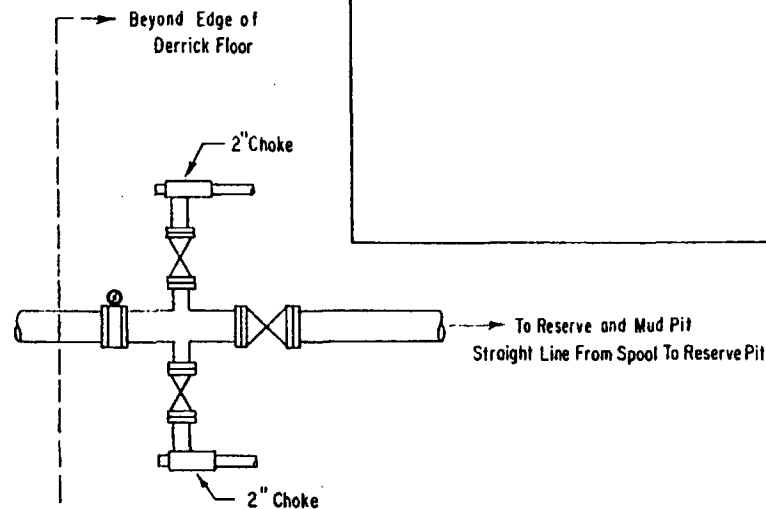
3000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated; a Shaffer Tool Works stripper; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer must 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 singles 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 kill line. The substructure height shall be sufficient to install a rotating blowout preventer.

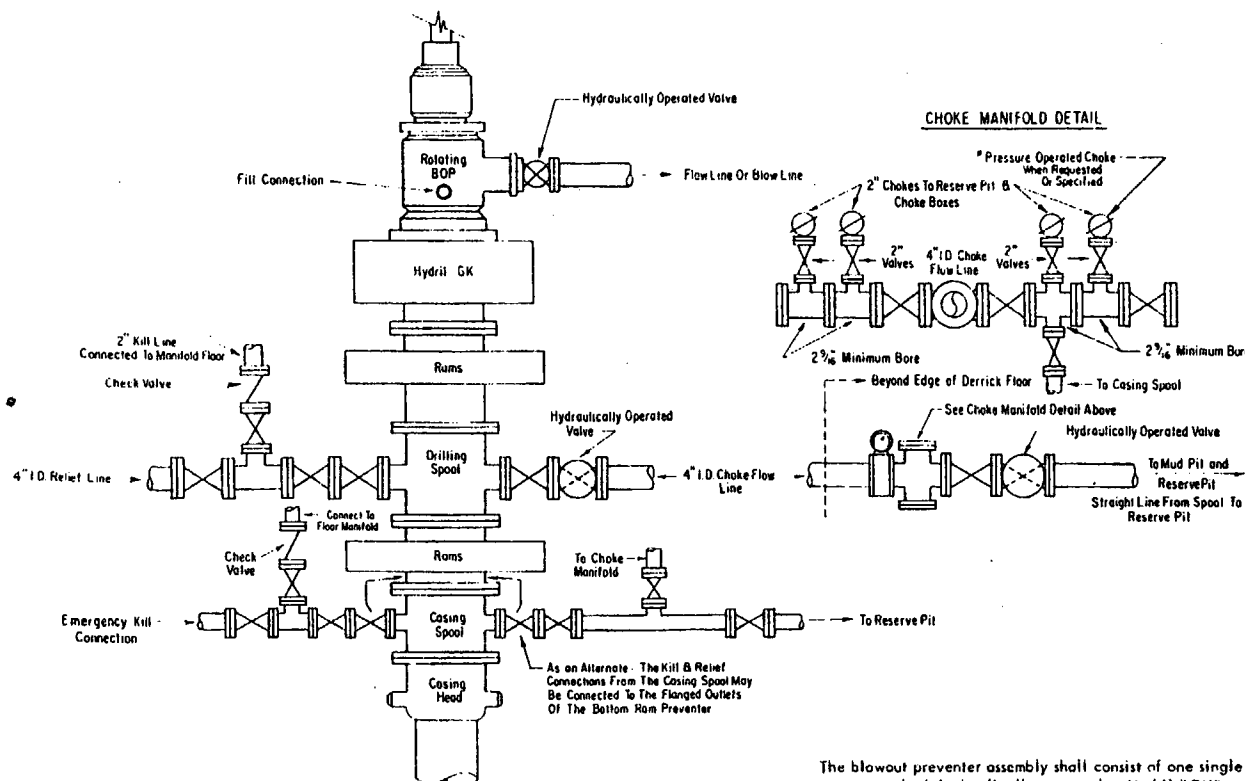
Minimum operating equipment for the preventers shall be as follows: (1) Pump (s), driven by a continuous source of power, capable of closing all the pressure-operated devices simultaneously within ____ seconds. The pump (s) is to be connected to a closed type hydraulic operating system. (2) When requested, accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive a fluid charge from the above pump (s). With the charging pump (s) shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within ____ seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least ____ percent of the original. (3) When requested, an additional source of power, remote and equivalent, is to be available to operate the above pump (s); or there shall be an additional pump (s) operated by separate power and equal in performance capabilities.

The closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions. A pressure reducer and regulator must be provided if a Hydrit preventer is used. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to 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 valve connected to the drilling spool 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 substructure. All other valves are to be equipped with handles.



ADDITIONS - DELETIONS - CHANGES
SPECIFY



**5000# PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP**

**ADDITIONS-DELETIONS-CHANGES
SPECIFY**

The blowout preventer assembly shall consist of one single type blind ram preventer and one single type pipe ram preventer, both hydraulically operated; a Hydril "GK" preventer; a rotating blowout preventer; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. 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 4-inch I.D. relief line, except when air or gas drilling. All preventer connections are to be open-face flanged.

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 _____ minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) Accumulators 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 must be sufficient to close all the pressure-operated devices simultaneously within _____ seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume of at least _____ percent of the original. (3) When requested, 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.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating 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. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, relief line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line, relief line, and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choke manifold. If deemed necessary, walkways and stairways shall be erected in and around 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 relief line valves connected to the drilling spool 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 substructure. All other valves are to be equipped with handles.

* To include derrick floor mounted controls.

COUNTY LEA FIELD Wildcat STATE NM
 OPR GULF OIL CORP. API 30-025-28038
) 1 LEASE Lea "VP" State MAP
Sec 20, T15S, R33E CO-ORD
1980 FNL, 2310 FWL of Sec 4-1-1 NM
27 mi SE/Caprock SPD 12-7-82 CMP 3-7-83

CSC 13 /8-460-800 sx 9 5/8-4465-1750 sx	WELL CLASS: INITWF FIN WF LSE. CODE			
	FORMATION	DATUM	FORMATION	DATUM
TD 14,075 (DVNN)		P8D		

DRY & ABANDONED

CONTR Gulf #4 OPRSELEV 4220 GL sub-s 23

F.R. 11-29-82
 PD 14,000 RT (Devonian)
 12-13-82 Drlg 2685
 12-20-82 TD 4466; WOC
 Drlg break 2780-90
 12-22-82 Drlg 9736
 mw 8.5, vis 28
 1-10-83 Drlg 10,597
 Drlg breaks 10,341-357, 10,554-567
 DST (Canyon) 10,545-577, op 1 hr 15 mins,
 rec 967 FT O&GCFLUD (Sampler rec .8 CFT
 GAS + 350 CC OIL + 750 CC WTR @ 250), 1 hr
 ISIP 3832, FP 211-422, 2 hr FSIP 3531, HP
 5433-5453, BHT 144 deg @ 10,577
 1-17-83 Drlg 11,292
 Drlg break 11,261-267, 11,269-273
 1-24-83 Drlg 12,210
 DST (Strawn) 11,230-292, op 1 hr 5 mins,
 4-1-21 NM

LEA
GULF OIL CORP.

Wildcat
1 Lea "VP" State
Sec 20, T15S, R33E

NM
Page #2

1-24-83 Continued
rec 60 FT HO&CCDFLUD + 2000 FT GCWCUSH
(Sampler rec 150 CC OIL + 1000 CC MUD),
1 hr ISIP 0, FP 0-0, 2 hr FSIP 4008, HP
5913-5913, BHT 152 deg @ 11,282
Drlg break 11,340-385
1-31-83 Drlg 12,344
DST (Atoka) 12,214-313, op 1 hr 15 mins,
rec 582 FT DFLUD + 3000 FT WCUSH (Sampler
rec .135 CFT GAS + 1800 CC DFLUD), 1 hr
ISIP 5399, FP 1562-184, 2 hr FSIP 5360,
HP 6743-6704, BHT 152 deg @ 12,303
2-4-83 Drlg 12,604
mw 10.5, vis 64

4-1-21 NM

2-4-83 Continued
Drlg break 12,368-374
2-10-83 Drlg 13,000; "Tight"
Drlg breaks 12,610-624, 12,648-654,
12,660-664
2-18-83 Drlg 13,537
mw 10.8, vis 50
2-25-83 Drlg 13,786
mw 10.8, vis 49
3-4-83 TD 14,075; Rng Logs
DST (Devonian) 13,989-14,075, op 1 hr 15
mins, rec 4400 FT WCUSH + 270 FT MUD +
2800 FT FWTR, 1 hr ISIP 5501, FP 2050-
3427, 2 hr 3 min FSIP 5501, HP 7905-7868,
BHT 190 deg @ 14,025

4-1-21 NM

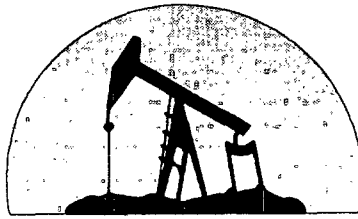
LEA
GULF OIL CORP.

Wildcat
1 Lea "VP" State
Sec 20, T15S, R33E

NM
Page #3

3-9-83 TD 14,075; D&A
3-28-83 TD 14,075; Dry & Abandoned
LOG TOPS: Rustler 1487, Base Salt 2510,
Yates 2632, Seven Rivers 2872, Grayburg
3854, San Andres 4186, Glorieta 5792,
Tubb 7075, Abo 7802, Cisco 9935, Canyon
10,311, Strawn 11,036, Atoka 11,991, Mis-
sissippian 13,240, Devonian 13,968
4-2-83 COMPLETION ISSUED

4-1-21 NM
IC 30-025-70914-82



marbob
energy corporation

December 30, 2003

Offset Owner/Operator

RE: Unorthodox Location Application
Featherhoser State #1
1980' FNL & 2310' FEL, Unit F
Section 20-T15S-R33E
Eddy County, New Mexico

Gentlemen:

Marbob Energy Corporation has submitted an Application to the Oil Conservation Division for the unorthodox location for the above described well. A copy of the Application is enclosed for your review.

Please accept this letter as the required notification. If you object, you may notify the following within 20 days:

Mr. Mike Stogner
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Should you have any questions regarding the Application, please contact me.

Sincerely,

Raye Miller
Land Department

RM/mp
Enclosure

Sec : 20 Twp : 15S Rng : 33E Section Type : NORMAL

D 40.00 CS V06927 0000 MARBOB ENERGY COR 10/01/08	C 40.00 CS V06927 0000 MARBOB ENERGY COR 10/01/08	B 40.00 CS V06927 0000 MARBOB ENERGY COR 10/01/08 A	A 40.00 CS V06927 0000 MARBOB ENERGY COR 10/01/08
E 40.00 CS V06927 0000 MARBOB ENERGY COR 10/01/08	F 40.00 CS V06927 0000 MARBOB ENERGY COR 10/01/08 A	G 40.00 CS V06927 0000 MARBOB ENERGY COR 10/01/08	H 40.00 CS V06927 0000 MARBOB ENERGY COR 10/01/08
L 40.00 CS V06915 0000 MARBOB ENERGY COR 10/01/08	K 40.00 CS V06915 0000 MARBOB ENERGY COR 10/01/08	J 40.00 CS V06915 0000 MARBOB ENERGY COR 10/01/08	I 40.00 CS V06915 0000 MARBOB ENERGY COR 10/01/08
M 40.00 CS V06915 0000 MARBOB ENERGY COR 10/01/08	N 40.00 CS V06915 0000 MARBOB ENERGY COR 10/01/08	O 40.00 CS V06915 0000 MARBOB ENERGY COR 10/01/08	P 40.00 CS V06915 0000 MARBOB ENERGY COR 10/01/08