

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 _____

Will #2
 r
 5
 7

- [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.

James Bruce
 Print or Type Name

James Bruce
 Signature

Attorney for Applicant
 Title

8/13/01
 Date

jamesbruc@aol.com
 e-mail Address

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

3304 CAMINO LISA
HYDE PARK ESTATES
SANTA FE, NEW MEXICO 87501

(505) 982-2043
(505) 982-2151 (FAX)

August 13, 2001

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

Dear Mr. Stogner:

(30-015-31794)

Pursuant to Division Rule 104.F.(2), Mewbourne Oil Company ("Mewbourne") applies for administrative approval of an unorthodox oil well location for the following well:

Well: Fren "8" Fed. Com. Well No. 2
Location: 1170 feet FNL & 750 feet FEL
Unit: NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 8, Township 18 South, Range 31 East, N.M.P.M., Eddy County, New Mexico

5?

The well was permitted as a Morrow well, and has been drilled to the Morrow formation. It will be tested in the Morrow, but the Strawn formation appears to be productive, and Mewbourne also intends to complete in that zone. The well is a wildcat Strawn well. Based on the nearest Strawn pools, the Strawn formation will probably be an oil-bearing formation. As a result, Mewbourne requests approval of an unorthodox location as an oil well. Attached as Exhibit A is a Form C-102 for the Strawn well.

Yes!

Attached as Exhibit B is a land plat of Section 8. The entire NE $\frac{1}{4}$ of Section 8 is comprised of federal Lease NM 33437, and interest ownership therein is common as to the Strawn formation. Because the unorthodox location is interior to the well unit, offset operators were not notified of this application.

Please call me if you need any further information on this matter.

Very truly yours,



James Bruce

Attorney for Mewbourne Oil Company

1000 N. French Dr., Edin, NM 88440

DISTRICT II
211 South First, Artesia, NM 88210

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

DISTRICT IV
2500 South Parkway, Santa Fe, NM 87505

Energy, Minerals and Natural Resources Department

Revised March 17, 1999
Instructions on Back
Submit to Appropriate District Office
State License - 4 Copies
Fee License - 8 Copies

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name FREN "B" FEDERAL COM.	
GRID No.	Operator Name MEWBOURNE OIL COMPANY	Well Number 25 3706

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	B	18S	31E		1170	NORTH	750	EAST	EDDY

Bottom Hole Location If Different From Surface

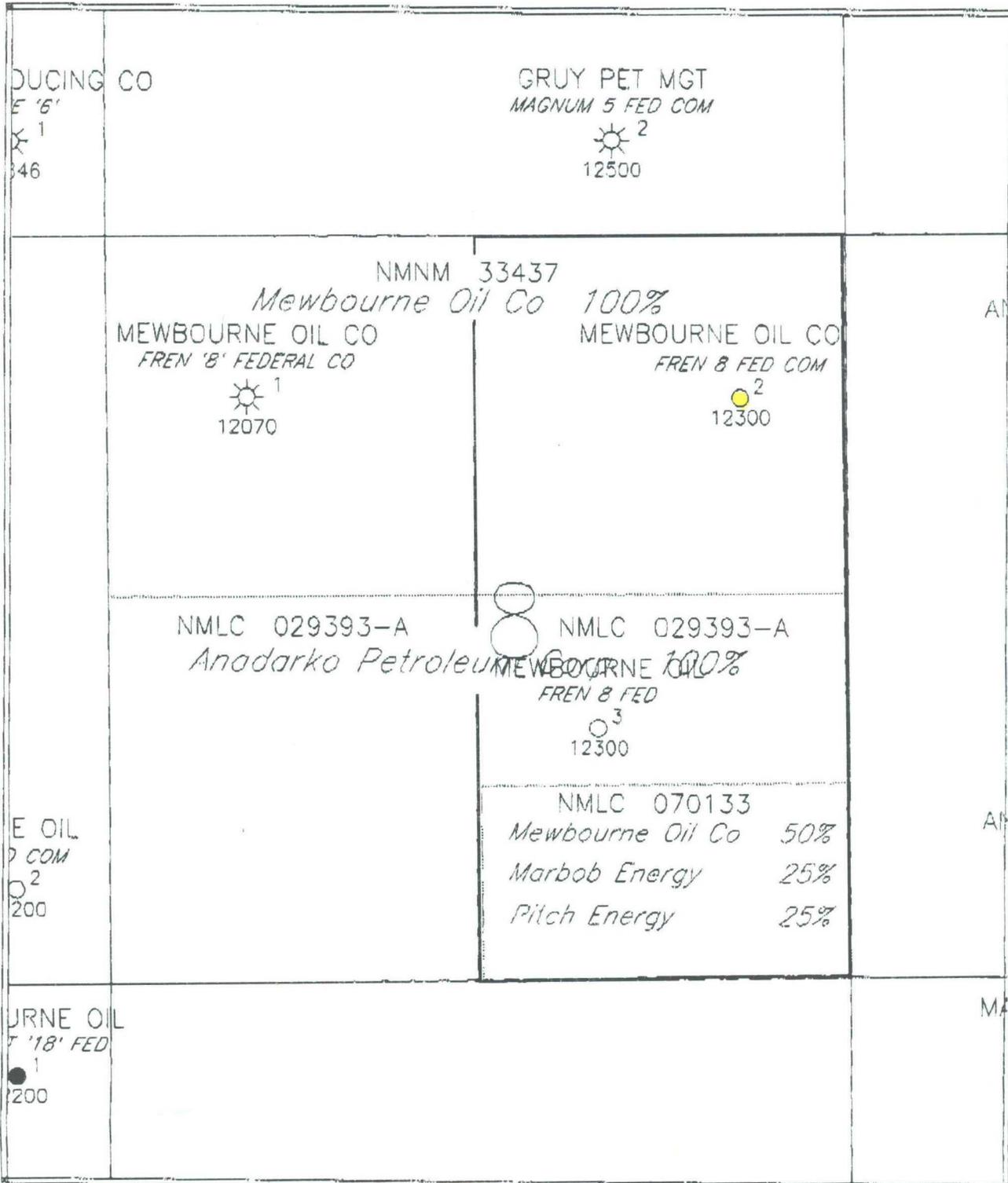
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	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

				<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date _____</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date Surveyed 3/30/2001</p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Professional Seal: HELEN JONES, NEW MEXICO, 3640</p> <p>Commission Expires _____</p> <p>MEWBOURNE OIL COMPANY</p>





DUCING CO
E '6'
X¹
346

GRUY PET MGT
MAGNUM 5 FED COM
☀²
12500

NMNM 33437
Mewbourne Oil Co 100%
MEWBOURNE OIL CO
FREN '8' FEDERAL CO
☀¹
12070

MEWBOURNE OIL CO
FREN 8 FED COM
●²
12300

NMLC 029393-A
Anadarko Petroleum

☉
NMLC 029393-A
MEWBOURNE 100%
FREN 8 FED
○³
12300

E OIL
COM
○²
1200

NMLC 070133
Mewbourne Oil Co 50%
Marbob Energy 25%
Pitch Energy 25%

URNE OIL
T '18' FED
●¹
1200

Scale 1:12000.



Mewbourne Oil Company		
NMEX NEW MEXICO WEST R		
in	Scale 1:12000	8/1/2001

Blumberg No. 5208
EXHIBIT
B

CMD : ONGARD 08/27/01 13:35:39
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQKA

OGRID Idn : 14744 API Well No: 30 15 31222 APD Status(A/C/P): A
Opr Name, Addr: MEWBOURNE OIL CO Aprvl/Cncl Date : 06-29-2000
PO BOX 7698
TYLER, TX 75711

Prop Idn: 26144 FREN 8 FEDERAL Well No: 3

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----
Surface Locn : J	8	18S	31E			FTG 1780 F S	FTG 1780 F E
OCD U/L : J		API County :	15				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 3685

State Lease No: Multiple Comp (S/M/C) : S
Prpsd Depth : 3685 Prpsd Frmtn : N SHUGART MORROW

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

CMD : ONGARD 08/27/01 13:36:45
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQKA

OGRID Idn : 14744 API Well No: 30 15 31501 APD Status(A/C/P): C
Opr Name, Addr: MEWBOURNE OIL CO Aprvl/Cncl Date : 05-30-2001
PO BOX 7698
TYLER, TX 75711

Prop Idn: 25198 FREN 8 FEDERAL COM Well No: 4

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
	---	---	-----	-----	---	---	-----	-----
Surface Locn : B	8		18S	31E			FTG 990 F N	FTG 1980 F E
OCD U/L : B			API County :	15				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 3701

State Lease No: Multiple Comp (S/M/C) : S
Prpsd Depth : 12200 Prpsd Frmtn : N SHUGART MORROW

E6927: Well is cancelled

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

08/27/01 13:21:17
OGOMES -TQKA
PAGE NO: 1

Sec : 08 Twp : 18S Rng : 31E Section Type : NORMAL

D 40.00	C 40.00	B 40.00	A 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A A	A	A C	A A
E 40.00	F 40.00	G 40.00	H 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A	A	A	A

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

08/27/01 13:21:22
OGOMES -TQKA
PAGE NO: 2

Sec : 08 Twp : 18S Rng : 31E Section Type : NORMAL

L 40.00 Federal owned A	K 40.00 Federal owned A C	J 40.00 Federal owned A A	I 40.00 Federal owned
M 40.00 Federal owned	N 40.00 Federal owned A	O 40.00 Federal owned U A	P 40.00 Federal owned U A

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD : ONGARD 08/27/01 13:21:3E
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQKA

OGRID Idn : 14744 API Well No: 30 15 31794 APD Status(A/C/P): A
Opr Name, Addr: MEWBOURNE OIL CO Aprvl/Cncl Date : 05-16-2001
PO BOX 7698
TYLER, TX 75711

Prop Idn: 25198 FREN 8 FEDERAL COM Well No: 5

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----
Surface Locn : A	8	18S	31E			FTG 1170 F N	FTG 750 F E
OCD U/L : A		API County : 15					

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 3706

State Lease No: NM 33437 Multiple Comp (S/M/C) : S
Prpsd Depth : 12300 Prpsd Frmtn : N SHUGART MORROW

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

CMD : ONGARD 08/27/01 13:37:15
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQKA

OGRID Idn : 14744 API Well No: 30 15 31794 APD Status(A/C/P): A
Opr Name, Addr: MEWBOURNE OIL CO Aprvl/Cncl Date : 05-16-2001
PO BOX 7698
TYLER, TX 75711

Prop Idn: 25198 FREN 8 FEDERAL COM Well No: 5

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----
Surface Locn : A	8	18S	31E			FTG 1170 F N	FTG 750 F E
OCD U/L : A		API	County :	15			

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 3706

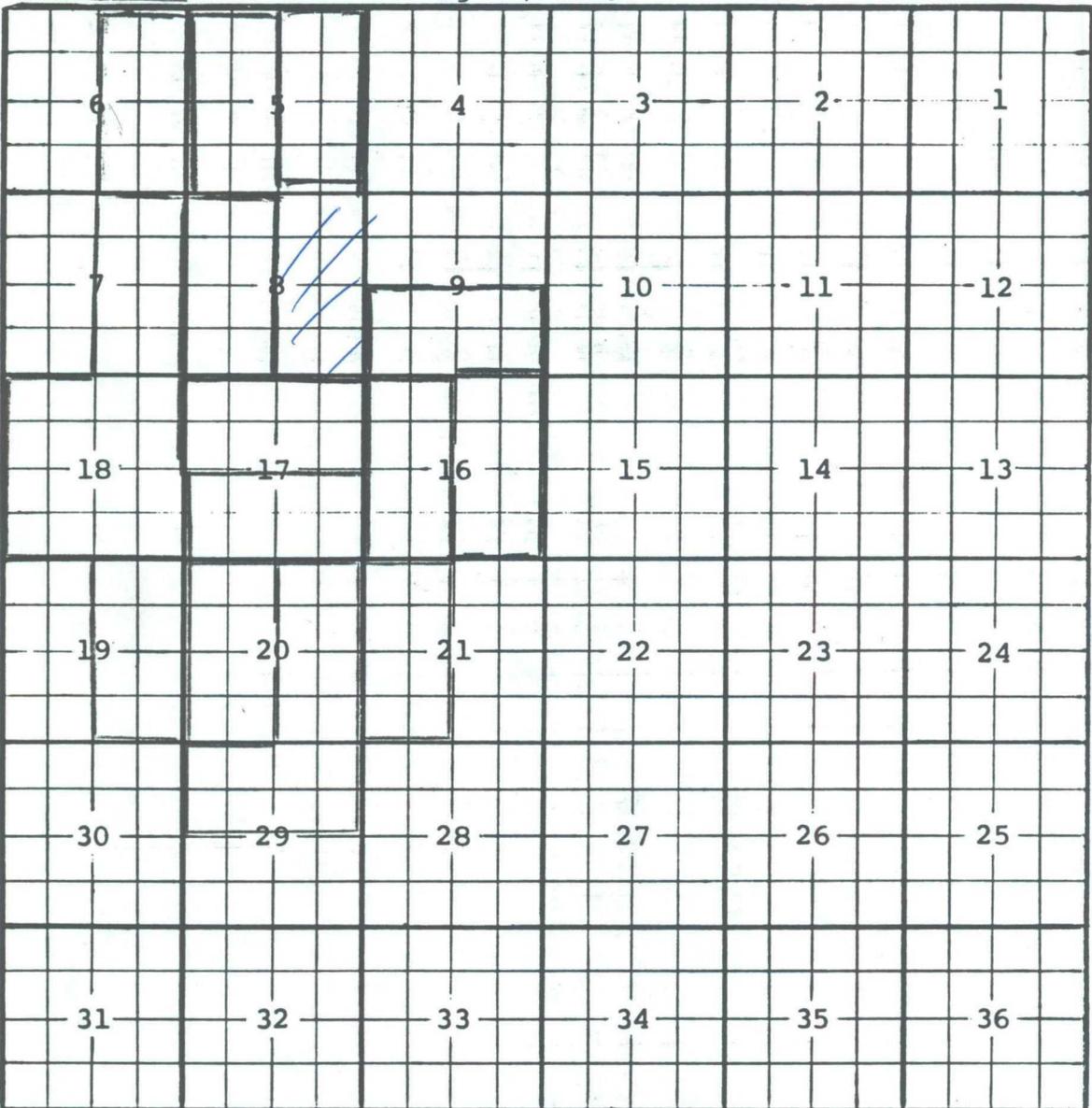
State Lease No: NM 33437 Multiple Comp (S/M/C) : S
Prpsd Depth : 12300 Prpsd Frmtn : N SHUGART MORROW

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

County Eddy Pool North Shugart-Morrow Gas

TOWNSHIP 18 South Range 31 East NMPM



Description: $\frac{E}{2}$ Sec 20, $\frac{N}{2}$ Sec 29 (R-5609, 1-1-78)
 Ext: $\frac{E}{2}$ Sec 19, $\frac{W}{2}$ Sec 20 (R-5729, 6-1-78)
 Ext: $\frac{W}{2}$ Sec 21 (R-5838, 11-1-78) Ext: $\frac{W}{2}$ Sec. 16 (R-6169, 11-1-79)
 Ext: $\frac{S}{2}$ Sec. 17 (R-6368, 7-1-80) Ext: $\frac{E}{2}$ Sec 7, All Sec 18 (R-6698, 6-2-81)
 Ext: $\frac{S}{2}$ Sec 9 (R-8945, 5-31-89) Ext: $\frac{E}{2}$ Sec 16 (R-9326, 11-1-90)
 Ext: $\frac{N}{2}$ Sec 17 (R-9418, 2-1-91) Ext: $\frac{W}{2}$ Sec 8 (R-11411, 7-10-00)
 Ext: $\frac{W}{2}$ Sec 5 (R-11444, 3-31-00) Ext: $\frac{E}{2}$ Sec 6 (R-11534, 2-8-01)
 Ext: $\frac{E}{2}$ Sec 5 (R-11583, 5-7-01)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. DIST. 2 51

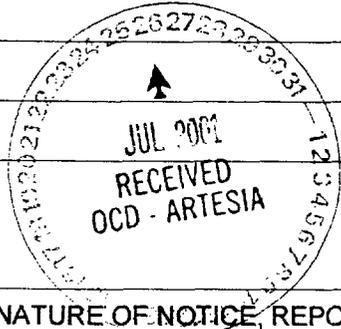
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other
 2. Name of Operator
Mewbourne Oil Company
 3. Address and Telephone No.
PO Box 5270, Hobbs, N.M. 88241 (505) 393-5905
 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1170' FNL & 750' FEL
 Sec. 8 T-18S R-31E**



5. Lease Designation and Serial No.
NMNM 33437
 6. If Indian, Allottee or Tribe Name

 7. If Unit or CA, Agreement Designation

 8. Well Name and No.
Fren 8 Federal Com #2
 9. API Well No.
30-015-31794
 10. Field and Pool, or Exploratory Area
North Shugart Morrow
 11. County or Parish, State
Eddy, N.M.

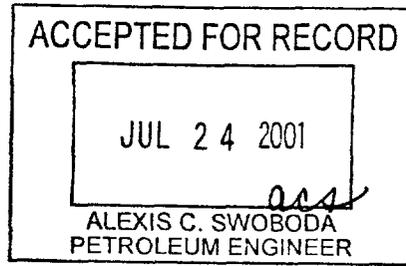
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Spud, Surface, Intern. & Test</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

6/16/01...MI & Spud. Drilled 17 1/2" hole to 625'. Ran 625' 13 3/8" 48# H-40 ST/C csg. Cemented w/ 300 sks BJ Lite w/ additives. Mixed @ 12.4 #/g & yd @ 2.04 cf/sk & 200 sks 'C' w/ 2% CaCl2. Mixed @ 14.8 #/g & yd @ 1.34 cf/sk. Circl 103 sks to pit. WOC 18 hrs.
 6/26/01...Drilled 12 1/4" hole to 4486'. Ran 4486' 9 5/8" 40# J, N & HCK csg. Cemented w/ 1300 sks BJ Lite w/ additives. Mixed @ 12.4 #/g & yd @ 2.04 cf/sk. & 200 sks 'C' w/ 2% CaCl2. Mixed @ 14.8 #/g & yd @ 1.34 cf/sk. Had full returns, but did not circl cement. WOC for 6 hrs. Ran Temperature Survey. Found TOC @ 920'. Ran 1" pipe to 920'. Cemented w/ 450 sks 'C' neat. Mixed @ 14.8 #/g & yd @ 1.34 cf/sk. Circl 10 sks to pit. WOC 18 hrs.
 6/28/01...Tested all BOP equipment to 5000 psi. OK (Chart of test attached). Drill out w/ 8 3/4" bit.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title District Manager Date 07/11/01

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any: _____

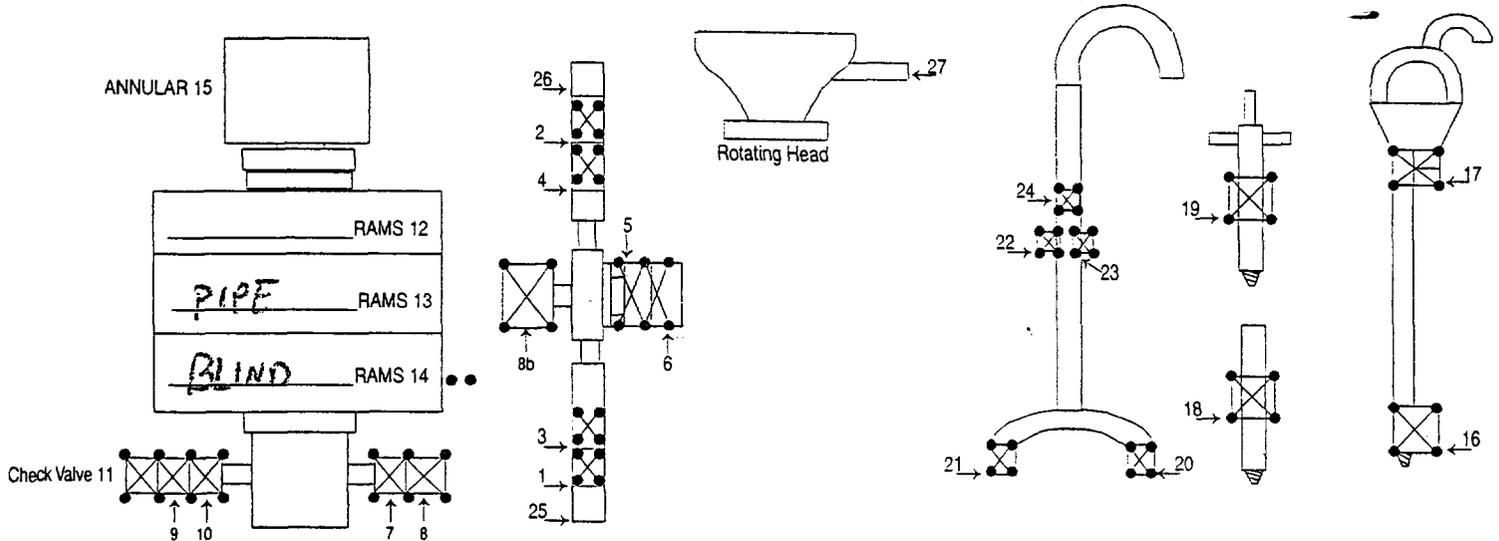
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and wilfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MAN WELDING SERVICE

INVOICE NO. 81276

(505) 396-4540

Company HEWLETT OIL CO. Date 6/27/01 Start Time 6:00 am pm
 Lease FREN #8 FED Com #2 County Edm State NM
 Company Man _____
 Wellhead Vender _____ Tester Russell Humble
 Drig. Contractor PATTERSONS INT Rig # 47
 Tool Pusher W. M. H.
 Plug Type C-22 Plug Size 4" 5000 Drill Pipe Size 4 1/2 XH
 Casing Valve Opened YES Check Valve Open YES



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	25, 5, 26, 9, 14	10/10	500	5000	TILT WELD WELL HEAD FLANGE, CHOKE
2	1, 5, 2, 10, 14	10/10	500	5000	LINE & V.L. LINE FLANGES. & BLANK
3	3, 5, 4, 11, 14	10/10	500	5000	FLANGES ON TOP
4	8, 9, 13	10/10	500	5000	
5	7, 9, 13	10/10	500	5000	
6	9, 7, 15	10/10	500	2500	
7	18	10/10	500	5000	
8	16	10/10	500	5000	
9	17	10/10	500	5000	
10	19	10/10	500	5000	

3 HR@ 35.00 = 105.00
 HR@ _____

ILLEGIBLE

SUB TOTAL _____
 TAX _____
 TOTAL _____

5 6 AM

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10

11

NOON

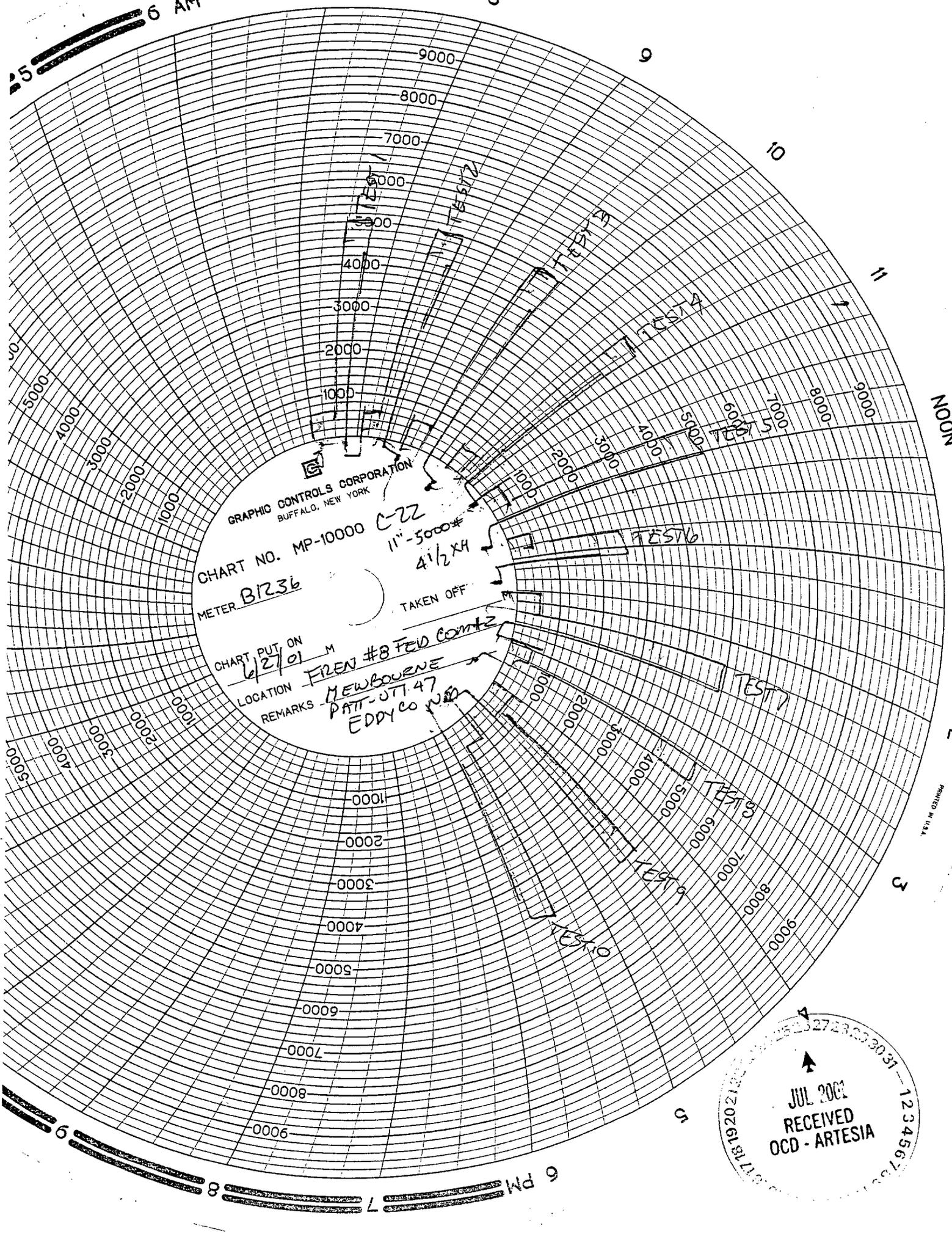
2

3

4

5

6 PM



1568039031-1234567890
JUL 2001
RECEIVED
OCD - ARTESIA
1819202122232425262728293031

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

311 S. 1ST ST.
ARTESIA, NM 87010-2236
DUPLICATE
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

5F

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

649

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Mewbourne Oil Company 14744

3. ADDRESS AND TELEPHONE NO.
 P.O. Box 5270 Hobbs, NM 88241 (505)393-5905

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 At proposed prod. zone
 1170' FNL & 750' FEL Unit A

5. LEASE DESIGNATION AND SERIAL NO.
 MNM33437

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 25198

8. FARM OR LEASE NAME, WELL NO.
 Fren "8" Federal Com.# 5

9. API WELL NO.
 30-015-31794

10. FIELD AND POOL, OR WILDCAT
 North Shugart Morrow

11. SEC., T., R., M., OR BLK AND SURVEY OR AREA
 Sec.8,T18S,R31E

12. COUNTY OR PARISH
 Eddy

13. STATE
 NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 5 miles East of Loco Hills

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drlg. unit line, if any) 750

16. NO. OF ACRES IN LEASE 320

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 515'

19. PROPOSED DEPTH 12,300'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3706' GL **Capitan Controlled Water Basin**

22. APPROX. DATE WORK WILL START*
 06/01/01

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	H-40 13-3/8"	48#	625'	400 sacks circulate to surface
12-1/4"	J55, 9-5/8"	36#	4500'	1100 sacks circulate to surface
8-3/4"	N80, 5-1/2"	17#	12,300	600 sacks tie back into 9-5/8"

- 1.) Drilling Program
- 2.) Surface Use and Operation Plan
- 3.) Location and Elevation Plat (NMOCD Form C102)
- 4.) Schematic Diagram of Blowout Preventer and Choke Manifold (Exhibits 2 & 2A)
- 5.) Map of Existing and Planned access Roads and location (Exhibits 3 & 3A)
- 6.) List of Offset Wells (Exhibit 4)
- 7.) Proposed Drilling Rig Layout (Exhibit 5)
- 8.) Proposed Production Facilities Layout (Exhibit 6)
- 9.) Hydrogen Sulfide Contingency Plan (Exhibit 7)



APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

IN ABOVE SPACE DESCRIBE PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Jeremy Burke TITLE Drilling Foreman DATE 04/06/01

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ LESLIE A. THEISS TITLE FIELD MANAGER DATE MAY 16 2001

*See Instructions On Reverse Side APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT II
811 South First, Artesia, NM 88210

Instruction on back
Submit to Appropriate District Office

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

State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Pool Name <i>North Shugart Morrow</i>	
Property Code 014744		Property Name FREN "B" FEDERAL COM.		Well Number 5	
OGHD No.		Operator Name MEWBOURNE OIL COMPANY		Elevation 3706	

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	8	18S	31E		1170	NORTH	750	EAST	EDDY

Bottom Hole Location If Different From Surface

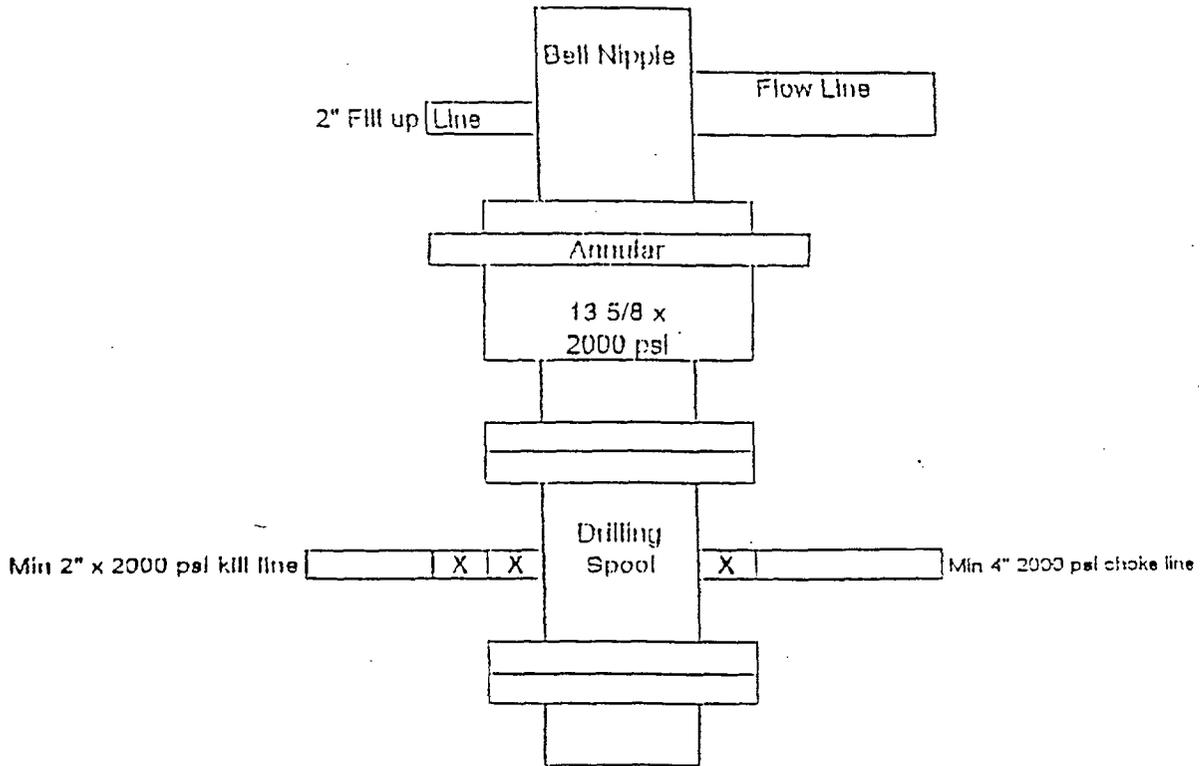
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 329	Joint or Infill	Consolidation Code	Order No.
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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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Terry Burke</i> Signature</p> <p>Terry Burke Printed Name</p> <p>Drilling Foreman Title</p> <p>April 05, 2001 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>3/30/2001 Date Surveyed</p> <p><i>HEIDI JONES</i> Signature</p>
	<p>HEIDI JONES NEW MEXICO 3640 PROFESSIONAL SURVEYOR GENERAL SURVEYING COMPANY</p>
	<p>Certificate No. Heidi Jones RLS 3640</p>

Mewbourne Oil Company
BOP Schematic for
12 1/4 Hole



Mewbourne Oil Company

Exhibit #2
Schematic of BOP for Intermediate Hole

Notes Regarding Blowout Preventer

Mewbourne Oil Company

Fren "8" Federal Com #5

1170'FNL & 750' FEL

Section 8- T18S-R31E

Eddy County, New Mexico

Lease Number NMNM-33437, NMNM-029393A

1. Drilling nipple (bell nipple) to be constructed so that it can be removed without the use of a welder through the opening of the rotary table, with minimum internal diameter equal to blowout preventer bore.
2. Blowout preventer and all fittings must be in good condition with a minimum 2000 psi working pressure.
3. Safety valve must be available on the rig floor at all times with proper connections to install in the drill string. Valve must be full bore with minimum 2000 psi working pressure.
4. Equipment through which bit must pass shall be at least as large as internal diameter of the casing.
5. A kelly cock shall be installed on the kelly at all times.
6. Blowout preventer closing equipment to include and accumulator of at least 40 gallon capacity, two independent sources of pressure on closing unit, and meet all other API specifications.