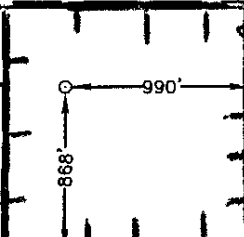


<div style="border: 1px dashed black; height: 200px; margin-bottom: 10px;"></div> <div style="border: 1px dashed black; height: 200px;"></div>	<div style="border: 1px dashed black; height: 200px; margin-bottom: 10px;"></div> <div style="border: 1px dashed black; height: 200px;"></div>
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Lat.: N32°22'23.0"</p> <p>Long.: W104°12'20.6"</p> <p>N.: 499460.267</p> <p>E.: 539395.810</p> <p>(NAD-27)</p> </div> <div style="width: 45%; text-align: center;">  <p>990'</p> <p>888'</p> </div> </div>	

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kirsti Green

Signature

11/15/06

Date

Kirsti Green

Printed Name

SURVEYOR CERTIFICATION

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.

AUGUST 3, 2006

Date Surveyed

[Signature]

Signature & Seal of Professional Surveyor

JONES

Professional Surveyor

NEW MEXICO

Professional Surveyor

N. O. N8977020

Professional Surveyor

7977

Professional Surveyor

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
May 27, 2004

Submit to appropriate District Office

☒ AMENDED REPORT

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

¹ Operator Name and Address Mewbourne Oil Company Po Box 5270 Hobbs, NM 88240		² OGRID Number 14744
		³ API Number 30 - 015-34230
⁴ Property Code 34969	⁵ Property Name Pecos River 20	⁶ Well No. 1
⁹ Proposed Pool 1 Wyo Delaware		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	22S	27E		868	S	990	E	Eddy

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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3128'
¹⁶ Multiple No	¹⁷ Proposed Depth 5000'	¹⁸ Formation Delaware	¹⁹ Contractor TBA	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

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.

MOC has attempted a non-commercial zone in the Morrow at 11518' to 11540' (set a temporary plug at 11475'). MOC attempted a non-commercial zone in the Atoka at 10736' to 10748'. MOC will set a temporary plug at 10700' to temporary abandon the Atoka. Then will set a temporary plug at 8780' to temporary isolate the Wolfcamp at 8804'. Then will set a plug at 6800' in accordance with OCD orders, then MOC will Perforate and test the Delaware perms at 4665' to 4695'. A 7 1/16" - 5000 BOP will be installed on wellhead during all operations. MOC has researched the area for possible H2S problems. Although no problems were found, H2S monitors will be on location during operations. Attached is a new C102, 2 wellbore schematics (1 actual and 1 planned) and MOC Plug/Completion procedure.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Kristi Green

Title: Hobbs Production

E-mail Address:

Date: 11/15/06

Phone:

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date: NOV 17 2006

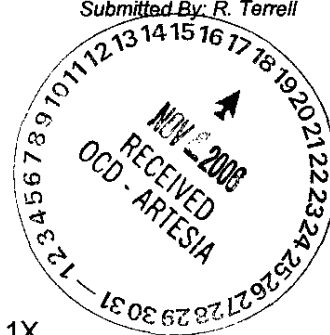
Expiration Date: NOV 20 2007

Conditions of Approval Attached ☐

Submitted By: R. Terrell

Wellname: **Pecos River "20" # 1**Location: 868' FSL & 990' FEL
Sec 20, T22S, R27E
Eddy Co, NM

Date: 11/14/06



Csg Set: 11,920'

Packer Type: 2 3/8" 1X

PBTD: +/- 11,440'

Packer Depth: 10,593'

Csg Size: 4-1/2" 11.6# HCP-110

Min ID: 1.875"

Tbg Size: 2 3/8" 4.7# L-80 EUE

Existing Perfs: Atoka 10,736'-48'

DV Tool: None

New Perfs: 4,665'-4695'

Procedure:

1. Lay down 2 3/8" production tubing.
2. Set 4 1/2" CIBP @ 10,700' (Atoka Lime producing @ 10,736'-10,748') and put 35' cement on plug. Set another 4 1/2" CIBP @ 8,780' (Top of Wolfcamp @ 8,804') and put 35' cement on plug.
3. Cut off 4 1/2" Casing @ 8,040' (Top of Cement behind 4 1/2" @ 8,170').
4. Pull 4 1/2" Casing and lay it down.
5. Set 7" BP @ 6,800' and put 35' cement on plug.
6. Test Delaware @ 4,665'-4,695'

S

Well Name **Pecos River 20 # 1**
Prepared by: R. Terrell 11/14/06

Spud Date: 09/07/06

17 1/2x13 3/8" 48# H-40
Set @ 415'
Cement to surface: 68 sks

12 1/4x9 5/8" 40# J55 & N80
Set @ 2005'
Cement to surface: 85 sks

Delaware Perfs @
4,665'-4,695'

o
o
o
o

7" 10K BP @ 6800 w/ 35' cement xxxxxxxx CIBP xxxxxxxxxx

TOC @ 8170' behind 4 1/2"

7" 26# P110
Set @ 8860'
Cement did not Circ.

4 1/2" Csg Cut-Off @ 8040'

xxxx CIBP x. xxxx CIBP @ 8170' w/ 35' cement

xxxx CIBP xxxxx CIBP @ 10,700 w/ 35' cement

Atoka Lime @ 10,736'- 10,748'
12' 25 holes

o
o
o

35' Cement on Plug PBTD @ 11,440'
CIBP @ 11,475'

xxxx CIBP xxxxx

Morrow @ 11,518' - 11,540'
22' 84 holes

o
o

4-1/2" 11.6# HCP-110 PBTD @ 11,881'
Set @ 11,920'

Tbg detail		as of	09/11/04
KB			17.00
1	WLEG		0.44
1	2 3/8" SN		1.10
1	2 3/8" 4.7# L-80		32.41
1	2 3/8"x4 1/2" 1X Pkr		6.27
1	2-3/8" MC O/O Tool w/ 1.875" "X"		1.58
327	2 3/8" 4.7# L-80		10571.89
EOT @			10630.69