

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
June 16, 2008
AUG 25 2009
Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address MEWBOURNE OIL COMPANY PO BOX 5270 HOBBS, NM 88241		² OGRID Number 14744 14744
		³ API Number 30 - 015 - 34606
³ Property Code	⁵ Property Name Long Draw 10 Fee Com	
⁹ Proposed Pool 1 North Seven Rivers Glorieta Yeso Cemetery; Yeso (11795)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no L	Section 10	Township 20S	Range 25 E	Lot Idn	Feet from the 1980'	North/South line South	Feet from the 660'	East/West line West	County Eddy
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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
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Additional Well Information

¹¹ Work Type Code Plug Back	¹² Well Type Code Oil	¹³ Cable/Rotary R	¹⁴ Lease Type Code Private	¹⁵ Ground Level Elevation 3440'
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date

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.

This well was completed in the Cemetery Morrow. MOC would like to Plug Back to test the Yeso. Plans are to set CIBP @ 9350' w/35' cement, set CIBP @ 7600' w/35' cement. (TOC @5100') Perforate squeeze holes @ 4970' RIH w/retainer & set @ 4900' & bring cement up into 8 5/8" csg. Perforate Yeso @ 2515' to 2930' & PWOL.

A 3000# BOPE will be used during well work.

A new C104, before/after well bore schematics, Completion Procedure & C-144 EZ form are included.

If you have any questions please call me @ 575-393-5905

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature:

Jackie Lathan

Printed name:
Jackie Lathan

Title.
Hobbs Regulatory

E-mail Address:
jlathan@mewbourne.com

Date:
08/24/09

Phone:
575-393-5905

OIL CONSERVATION DIVISION

Approved by

Argui Roovers
Geologist

Title:

Approval Date:

8/27/09

Expiration Date:

8/27/2011

Conditions of Approval Attached ☐

RECOMPLETION PROCEDURE

Submitted By: N. Thompson

Wellname: Long Draw "10" FEE Com #1**Location:** 1980' FSL & 660' FWL
Sec 10, T20S, R25E
Eddy Co., NM**Date:** 8/24/09**Csg Set:** 9,740'**Packer Type:** TAC**PBTD:** +/-9,675'**Packer Depth:** N/A**Csg Size:** 4 1/2" 17# P-110**Min ID:** 2.25" SN**Tbg Size:** 2 3/8" L80**Existing Perfs:** Morrow 9,422'-9,505'**TOC** +/-5,180'**New Perfs:** Stage 1: Yeso 2722'-2930'
Stage 2: Yeso 2515'-2544'**Procedure:**

- 1) MIRU PU. NU 3k BOP. Release TAC. POOH & LD 2 3/8" L80 tbg.
- 2) MIRU WL. RIH w/3.81" gauge ring & junk basket. RIH & set 4 1/2" 10k CIBP @ +/-9350'.
- 3) RU pump truck. Load csg w/FW & test CIBP to 1000#. Spot 35' cmt on CIBP. (Mkr jt @ 9002'-9035'). RIH & set 4 1/2" 10k CIBP @ +/-7600'. Test CIBP to 1000#. Spot 35' cmt on CIBP.
- 4) RIH & perforate 8 (2', 4 SPF) squeeze holes @ 4970' (TOC @ 5100'). Break circulation down 4 1/2" csg & up 8 5/8" annulus. Pump 10 bbls FW w/red dye & circulate hole clean w/280 bbls FW. RIH & set 4 1/2" cmt retainer @ +/-4900'. RDMO WL. Unload & tally +/-5000' 2 3/8" J55 tbg. RIH w/stinger & 2 3/8" J55 tbg. Sting into retainer & test tbg. Load 2 3/8" x 4 1/2" annulus & pressure up to 250#.
- 5) MIRU cmt pump. Break circulation down tbg & up 8 5/8" csg w/24 bbls FW. Pump 280 sks 50/50 Poz mixed @ 11.5 #/gal w/2.54 cf/sk yd. Tail w/675 sks Class C w/FLA mixed @ 14.8 #/gal w/1.34 cf/sk yd down 2 3/8" tbg. Displace w/17 bbls FW. Sting out of retainer & LD 1 jt. Reverse circulate tbg clean. POOH & LD 2 3/8" J55 tbg. PBTD +/-4865'. RDMO Cmt pump. WOC 72 hrs (mim).
- 6) ND BOP. NU MOC 5k frac valve. RDMO PU. WOC.
- 7) RU pump truck. Load & test csg to 3000#.
- 8) MIRU WL & Frac equipment. RIH w/3 1/8" slick gun. Perforate **Yeso @ 2722'-2727' (5'), 2754'-2759' (5'), 2814'-2819' (5'), 2840'-2845' (5'), 2910'-2015' (5') & 2925'-2930' (5')**. (Total 30', 54 holes, 9 SP 5', .31" EHD, 120°, 15 GC, 30.2" penetration.)
- 9) Frac Yeso @ 2722'-2930' down 4 1/2" csg w/1000 gals 10% HCl ahead of 300000 gals 20# SW carrying 150000# 20/40 brown sand. Obtain ISDP, 5, 10 & 15 min SIP.
- 10) RIH w/4 1/2" 10k flow-thru composite BP & 3 1/8" slickgun. Set plug @ +/-2650'. Test plug to 1000#. Perforate **Yeso @ 2515'-2530' (15') & 2534'-2544' (10')**. (Total 25', 50 holes, 2 SPF, .31" EHD, 120°, 15 GC, 30.2" penetration.) RDMO WL.
- 11) Frac Yeso @ 2515'-2544' (25', 55 holes) down 4 1/2" csg w/1000 gals 10% HCl ahead of 150000 gals 20# SW carrying 75000# 20/40 brown sand. Obtain ISDP, 5, 10 & 15 min SIP. RDMO Frac Equipment.
- 12) Flow well back for clean up.
- 13) MI & set Sentry C114-143-64 pumping unit.
- 14) MIRU PU. ND 5k frac valve & NU 3k BOP.
- 15) RIH w/3 7/8" bit, bit sub & 2 3/8" tbg to 2600'. MIRU reverse unit & break circulation. RIH to top of fill. PU power swivel & drill out BP @ 2650'. Continue in hole & clean out to PBTD @ 4865'. Spot 5 gals Biocide in rat hole. POOH w/tbg. LD BHA. RIH w/2 3/8" J55 MA w/BP, 2 3/8" perforated sub, 2 3/8" SN & 2 3/8" J55 tbg. Land EOT @ +/- 3100'. ND BOP. NU WH.
- 16) RIH w/2" x 1 1/2" RHBC pump, sinker bars & 3/4" rods. Seat pump & space off bottom. Hang well on. Load tbg & test to 500#. Check pump action.
- 17) PWOL through Long Draw 10 battery.

Spud Date 6/1/2006

Well Name: Long Draw 10 Fee Com #1

Updated by: R. Terrell

Date Updated: 8/24/09

12 1/4" x 8 5/8" 32# J-55 LT&C
Set @ 1,205'
Cement to surface: Yes
87 sks to pit

7/11/2006 Perforate Morrow @ 9422'-33' (11', 22 holes), 9448'-52' (4', 8 holes), 9456'-62' (6', 12 holes), 9474'-78' (4', 8 holes), 9492'-9505' (13', 26 holes) Total 38', 76 holes.

12/28/2006 Frac Morrow 9422'-9505' w/ 3000 gals 7.5% HCL & 61000 gals 70Q Binary foam carrying 50K# 18/40 Versaprop

Proposed Perfs 2515' 2930'

Retainer C 4900
XXXXXXXXXXXX

Squeeze 140 les 4970

TOC @ 5,100'

CIBP w/ 35' Cement
XXXXXXXXXXXX

@ 7600' (Canyon Top @ 7631')

CIBP w/ 35' Cement
XXXXXXXXXXXX

@ 9350'

Morrow Perfs

9,422'-9,433'

0

9,448'-9,452'

0

9,456'-9,462'

0

9,474'-9,478'

0

9,492'-9,505'

0
0

7 7/8" x 4 1/2" 11.6# HCP-110 LT&C
Set @ 9,740' PBTD @ 9,675'

TD @ 9740'

Proposed.

30-015-34606-00-00

LONG DRAW 10 FEE COM No. 001

Company Name: MEWBOURNE OIL CO

Location: Sec: 10 T: 20S R: 25E Spot:
Lat: 32.5860192411641 Long: -104.479124007834

Property Name: LONG DRAW 10 FEE COM

County Name: Eddy

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	1205	12.25		
SURF	1205	8.625	32	
HOL2	9740	7.875		
PROD	9740	4.5	11.6	

Cement from 1205 ft. to surface
Surface: 8.625 in. @ 1205 ft.
Hole: 12.25 in. @ 1205 ft.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	9740	5100	C	875
SURF	1205	0	C	1080

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
0	0			
9422	9505			

Formation Information

St Code	Formation	Depth
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Cement from 9740 ft. to 5100 ft.
Production: 4.5 in. @ 9740 ft.
Hole: 7.875 in. @ 9740 ft.

TD: TVD: 97400 PBTD:

8/24 Mickey Young - wants to plug back
per @ 9900' & sqz to circ cont to surf.