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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date New Well / 12/28/2020
⁴ API Number 30 - 025 - 46948	⁵ Pool Name Antelope Ridge; Bone Spring, West	⁶ Pool Code 2209
⁷ Property Code 327260	⁸ Property Name IBEX 15/10 B3PA FED COM	⁹ Well Number 1H

KZ

II. ¹⁰ 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	15	23S	34E		140'	South	305'	East	Lea

¹¹ Bottom Hole Location

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	23S	34E		84	North	590	East	Lea
¹² Lse Code F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 12/28/2020	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

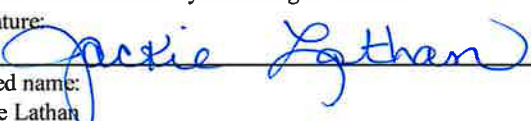
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Oryx 4000 N Big Spring Suite 400 Midland, TX 79705	O
024650	Versado 6 Desta Drive Ste 3300 Midland, TX 79710	G

IV. Well Completion Data We are asking for an exemption from tubing at this time.

²¹ Spud Date 08/04/2020	²² Ready Date 12/28/2020	²³ TD 21475'	²⁴ PBSD 21431'	²⁵ Perforations 11441' - 21394'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 ¾"	1305'	1150		
12 ¼"	9 ⅝"	5013'	900		
8 ¾"	7 ⅝"	10596'	550		
6 ⅝"	4 ½"	10368' - 21472'	925		

V. Well Test Data

³¹ Date New Oil 12/28/20	³² Gas Delivery Date 12/28/20	³³ Test Date 12/31/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 2925
³⁷ Choke Size 23/64	³⁸ Oil 592	³⁹ Water 1669	⁴⁰ Gas 874		⁴¹ Test Method Production

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 	OIL CONSERVATION DIVISION
Printed name: Jackie Lathan	Approved by: PATRICIA MARTINEZ
Title: Regulatory	Title: LM II
E-mail Address: jlathan@mewbourne.com	Approval Date: 3/18/2021
Date: 01/06/2021	FILE 3160-4 COMPLETION REPORT WITHIN 10 DAYS TO NMOC D AFTER BLM APPROVAL.
Phone: 575-393-5905	

Received by OCD: 2/4/2021 2:05:03 PM

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46948	² Pool Code 2209	³ Pool Name Antelope Ridge; Bone Spring, West	KZ
⁴ Property Code 327260	⁵ Property Name IBEX 15/10 B3PA FED COM		⁶ Well Number 1H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY		⁹ Elevation 3413'

¹⁰ Surface Location

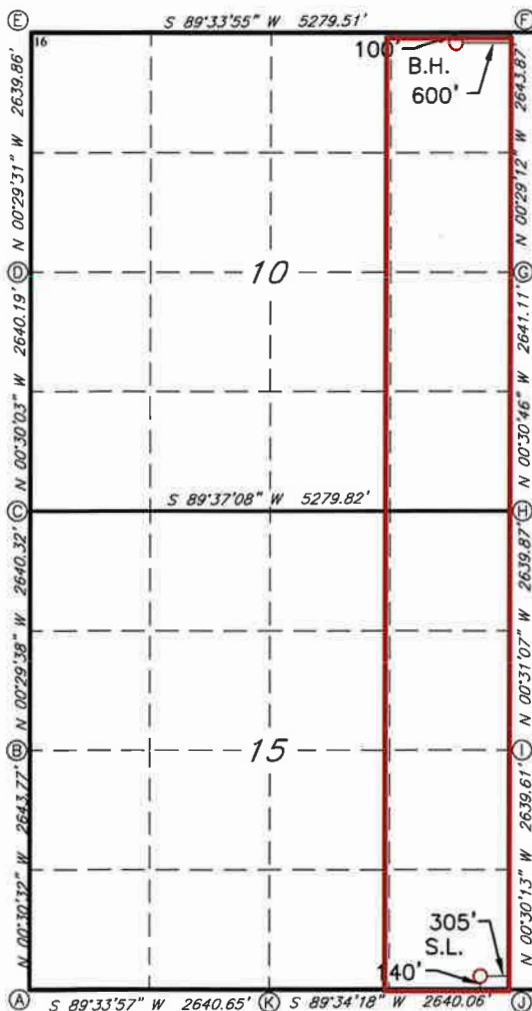
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
P	15	23S	34E		140	SOUTH	305	EAST	LEA

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
A	10	23S	34E		84	NORTH	590	EAST	LEA

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



GEODETIC DATA

NAD 83 GRID - NM EAST

SURFACE LOCATION

N 473175.2 - E 814157.1

LAT: 32.2977443° N

LONG: 103.4503861° W

BOTTOM HOLE

N 483495.2 - E 813771.1

LAT: 32.3261181° N

LONG: 103.4513604° W

CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1913"
N 472997.8 - E 809183.6

B: FOUND BRASS CAP "1913"
N 475641.0 - E 809160.1

C: FOUND BRASS CAP "1913"
N 478280.8 - E 809137.4

D: FOUND BRASS CAP "1913"
N 480920.4 - E 809114.3

E: FOUND PK NAIL
N 483559.7 - E 809091.7

F: FOUND PK NAIL
N 483599.8 - E 814370.1

G: FOUND BRASS CAP "1913"
N 480956.4 - E 814392.6

H: FOUND BRASS CAP "1913"
N 478315.9 - E 814416.2

I: FOUND BRASS CAP "1913"
N 475676.6 - E 814440.1

J: FOUND BRASS CAP "1913"
N 473037.5 - E 814463.3

K: FOUND BRASS CAP "1913"
N 473017.8 - E 811823.8

¹⁷ 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 or has a right to drill this well at this 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.

Jackie Lathan 01/06/2021
Signature Date

Jackie Lathan
Printed Name

jlathan@mewbourne.com
E-mail Address

¹⁸ 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.

08-05-2019

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC - Job No.:

LS19080819



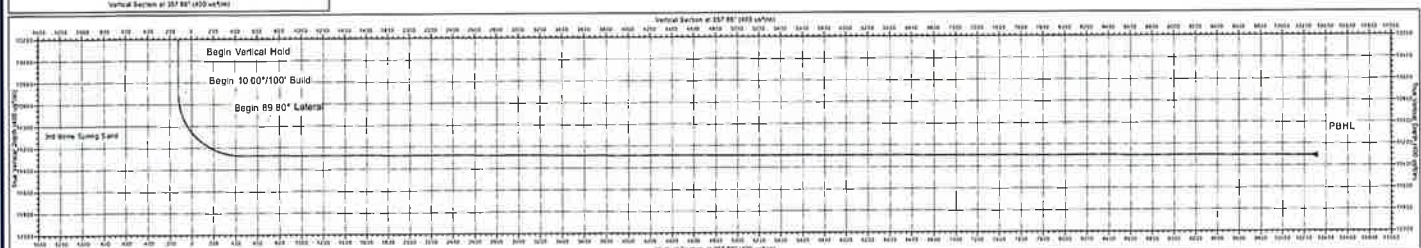
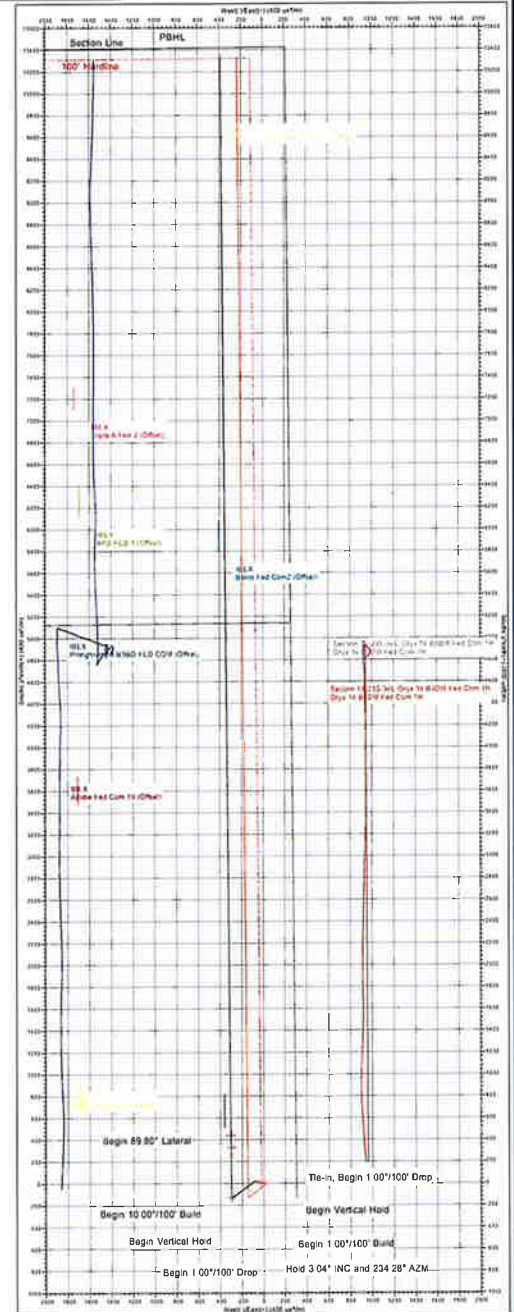
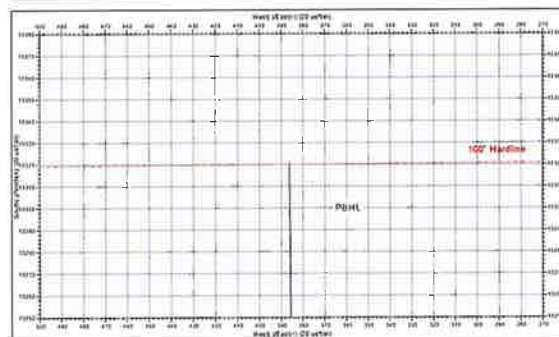
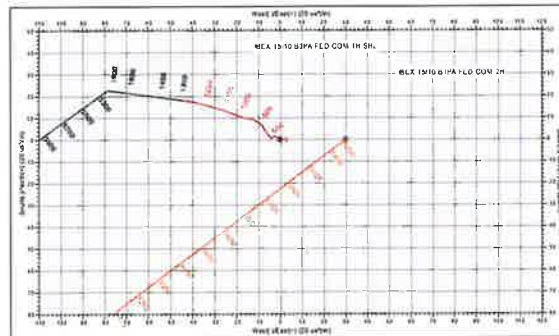
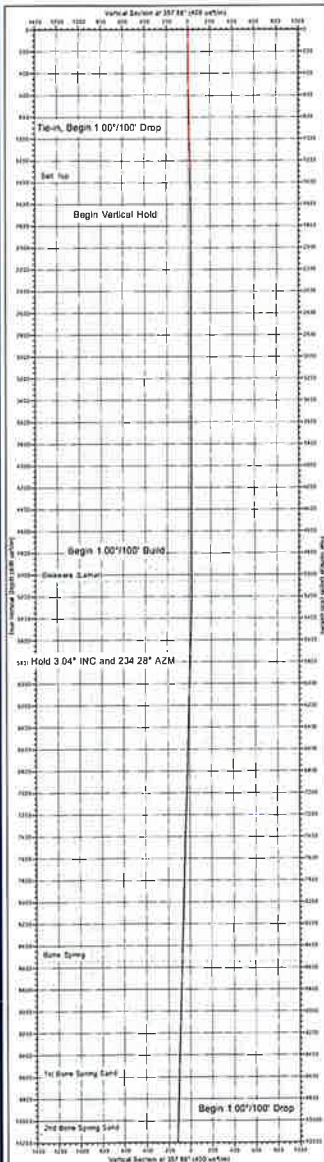
Company: Mewbourne Oil Company
 Site: IBEX
 Well: IBEX 15/10 B3PA FED COM 1H
 Project: Lea County, NM (NAD83) NMEZ Grid
 Rig: Pat560



ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
1277.0	6.30	277.61	1275.4	18.1	-44.2	19.7	0.0	Tie-in, Begin 1.00"/100' Drop
1907.0	0.00	0.00	1904.1	22.7	-78.5	25.6	34.6	Begin Vertical Hold
5100.0	0.00	0.00	5097.1	22.7	-78.5	25.6	34.6	Begin 1.00"/100' Build
5403.8	3.04	234.28	5400.7	18.0	-85.1	21.1	42.7	Hold 3.04" INC and 234.28" AZM
10106.0	3.04	234.28	10096.4	-127.5	-267.4	-116.7	291.8	Begin 1.00"/100' Drop
10408.8	0.00	0.00	10409.0	-132.2	-293.9	-121.1	299.9	Begin Vertical Hold
10706.8	0.00	0.00	10697.0	-132.2	-293.9	-121.1	299.9	Begin 10.00"/100' Build
11604.8	89.80	359.50	11270.0	438.6	-298.9	449.6	870.9	Begin 89.80" Lateral
21486.5	89.80	359.50	11394.0	10320.0	-386.0	10327.2	10752.5	PBHL

Azimuths to Grid North
 True North: 0.41°
 Magnetic North: 8.19°
 Magnetic Field
 Strength: 47664.301
 Dip Angle: 82.57°
 Date: 17/02/2020
 Model: IGRF2020
 U.S. State Plane 1983
 New Mexico Eastern Zone
 Created By: DLD
 Date: 3/11/2020 05:10:20
 Plot: Design #3





Mewbourne Oil Company

Lea County, NM (NAD83) NMEZ Grid

IBEX

IBEX 15/10 B3PA FED COM 1H - Slot 1H

Lateral

Plan: Design #3

Standard Planning Report

06 August, 2020





Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B3PA FED COM 1H - Slot 1H
Company:	Mewbourne Oil Company	TVD Reference:	3413+27 @ 3440.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3413+27 @ 3440.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B3PA FED COM 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Design #3		

Project	Lea County, NM (NAD83) NMEZ Grid		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	IBEX		
Site Position:		Northing:	473,175.40 usft
From:	Map	Easting:	814,187.10 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 17' 51.879 N
		Longitude:	103° 27' 1.040 W
		Grid Convergence:	0.47 °

Well	IBEX 15/10 B3PA FED COM 1H - Slot 1H		
Well Position	+N/-S	-0.2 usft	Northing: 473,175.20 usft
	+E/-W	-30.0 usft	Easting: 814,157.10 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 32° 17' 51.879 N
			Longitude: 103° 27' 1.390 W
			Ground Level: 3,413.0 usft

Wellbore	Lateral		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	7/20/2020	6.60	60.02	47,644.29260364

Design	Design #3		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 1,277.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°) 357.86

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
1,277.0	6.30	277.61	1,275.4	18.1	-44.2	0.00	0.00	0.00	0.00	
1,907.0	0.00	0.00	1,904.1	22.7	-78.5	1.00	-1.00	0.00	180.00	
5,100.0	0.00	0.00	5,097.1	22.7	-78.5	0.00	0.00	0.00	0.00	
5,403.8	3.04	234.28	5,400.7	18.0	-85.1	1.00	1.00	0.00	234.28	
10,106.0	3.04	234.28	10,096.4	-127.5	-287.4	0.00	0.00	0.00	0.00	
10,409.8	0.00	0.00	10,400.0	-132.2	-293.9	1.00	-1.00	0.00	180.00	
10,706.8	0.00	0.00	10,697.0	-132.2	-293.9	0.00	0.00	0.00	0.00	
11,604.8	89.80	359.50	11,270.0	438.8	-298.9	10.00	10.00	-0.06	359.50	
21,486.5	89.80	359.50	11,304.0	10,320.0	-386.0	0.00	0.00	0.00	0.00	IBEX 15-10 B3PA F



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B3PA FED COM 1H - Slot 1H
Company:	Mewbourne Oil Company	TVD Reference:	3413+27 @ 3440.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3413+27 @ 3440.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B3PA FED COM 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Design #3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,277.0	6.30	277.61	1,275.4	18.1	-44.2	19.7	0.00	0.00	0.00
Tie-in, Begin 1.00°/100' Drop									
1,300.0	6.07	277.61	1,298.2	18.4	-46.7	20.2	1.00	-1.00	0.00
1,400.0	5.07	277.61	1,397.8	19.7	-56.3	21.8	1.00	-1.00	0.00
1,402.3	5.05	277.61	1,400.0	19.7	-56.5	21.8	1.00	-1.00	0.00
Salt Top									
1,500.0	4.07	277.61	1,497.4	20.8	-64.2	23.2	1.00	-1.00	0.00
1,600.0	3.07	277.61	1,597.2	21.6	-70.4	24.2	1.00	-1.00	0.00
1,700.0	2.07	277.61	1,697.1	22.2	-74.8	25.0	1.00	-1.00	0.00
1,800.0	1.07	277.61	1,797.1	22.5	-77.5	25.4	1.00	-1.00	0.00
1,900.0	0.07	277.61	1,897.1	22.7	-78.5	25.6	1.00	-1.00	0.00
1,907.0	0.00	0.00	1,904.1	22.7	-78.5	25.6	1.00	-1.00	0.00
Begin Vertical Hold									
2,000.0	0.00	0.00	1,997.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,100.0	0.00	0.00	2,097.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,200.0	0.00	0.00	2,197.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,300.0	0.00	0.00	2,297.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,400.0	0.00	0.00	2,397.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,500.0	0.00	0.00	2,497.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,600.0	0.00	0.00	2,597.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,700.0	0.00	0.00	2,697.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,800.0	0.00	0.00	2,797.1	22.7	-78.5	25.6	0.00	0.00	0.00
2,900.0	0.00	0.00	2,897.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,000.0	0.00	0.00	2,997.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,100.0	0.00	0.00	3,097.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,200.0	0.00	0.00	3,197.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,300.0	0.00	0.00	3,297.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,400.0	0.00	0.00	3,397.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,500.0	0.00	0.00	3,497.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,600.0	0.00	0.00	3,597.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,700.0	0.00	0.00	3,697.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,800.0	0.00	0.00	3,797.1	22.7	-78.5	25.6	0.00	0.00	0.00
3,900.0	0.00	0.00	3,897.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,000.0	0.00	0.00	3,997.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,100.0	0.00	0.00	4,097.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,200.0	0.00	0.00	4,197.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,300.0	0.00	0.00	4,297.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,400.0	0.00	0.00	4,397.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,500.0	0.00	0.00	4,497.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,597.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,700.0	0.00	0.00	4,697.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,797.1	22.7	-78.5	25.6	0.00	0.00	0.00
4,900.0	0.00	0.00	4,897.1	22.7	-78.5	25.6	0.00	0.00	0.00
5,000.0	0.00	0.00	4,997.1	22.7	-78.5	25.6	0.00	0.00	0.00
5,062.9	0.00	0.00	5,060.0	22.7	-78.5	25.6	0.00	0.00	0.00
Delaware (Lamar)									
5,100.0	0.00	0.00	5,097.1	22.7	-78.5	25.6	0.00	0.00	0.00
Begin 1.00°/100' Build									
5,200.0	1.00	234.28	5,197.1	22.2	-79.2	25.1	1.00	1.00	0.00
5,300.0	2.00	234.28	5,297.1	20.6	-81.4	23.7	1.00	1.00	0.00
5,400.0	3.00	234.28	5,397.0	18.1	-84.9	21.3	1.00	1.00	0.00
5,403.8	3.04	234.28	5,400.7	18.0	-85.1	21.1	1.00	1.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B3PA FED COM 1H - Slot 1H
Company:	Mewbourne Oil Company	TVD Reference:	3413+27 @ 3440.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3413+27 @ 3440.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B3PA FED COM 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Design #3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Hold 3.04° INC and 234.28° AZM									
5,500.0	3.04	234.28	5,496.8	15.0	-89.2	18.3	0.00	0.00	0.00
5,600.0	3.04	234.28	5,596.7	11.9	-93.5	15.4	0.00	0.00	0.00
5,700.0	3.04	234.28	5,696.5	8.8	-97.8	12.5	0.00	0.00	0.00
5,800.0	3.04	234.28	5,796.4	5.7	-102.1	9.5	0.00	0.00	0.00
5,900.0	3.04	234.28	5,896.3	2.6	-106.4	6.6	0.00	0.00	0.00
6,000.0	3.04	234.28	5,996.1	-0.5	-110.7	3.7	0.00	0.00	0.00
6,100.0	3.04	234.28	6,096.0	-3.6	-115.0	0.7	0.00	0.00	0.00
6,200.0	3.04	234.28	6,195.8	-6.7	-119.3	-2.2	0.00	0.00	0.00
6,300.0	3.04	234.28	6,295.7	-9.7	-123.6	-5.1	0.00	0.00	0.00
6,400.0	3.04	234.28	6,395.5	-12.8	-127.9	-8.0	0.00	0.00	0.00
6,500.0	3.04	234.28	6,495.4	-15.9	-132.2	-11.0	0.00	0.00	0.00
6,600.0	3.04	234.28	6,595.3	-19.0	-136.5	-13.9	0.00	0.00	0.00
6,700.0	3.04	234.28	6,695.1	-22.1	-140.8	-16.8	0.00	0.00	0.00
6,800.0	3.04	234.28	6,795.0	-25.2	-145.1	-19.8	0.00	0.00	0.00
6,900.0	3.04	234.28	6,894.8	-28.3	-149.4	-22.7	0.00	0.00	0.00
7,000.0	3.04	234.28	6,994.7	-31.4	-153.7	-25.6	0.00	0.00	0.00
7,100.0	3.04	234.28	7,094.6	-34.5	-158.0	-28.6	0.00	0.00	0.00
7,200.0	3.04	234.28	7,194.4	-37.6	-162.3	-31.5	0.00	0.00	0.00
7,300.0	3.04	234.28	7,294.3	-40.7	-166.6	-34.4	0.00	0.00	0.00
7,400.0	3.04	234.28	7,394.1	-43.8	-171.0	-37.4	0.00	0.00	0.00
7,500.0	3.04	234.28	7,494.0	-46.9	-175.3	-40.3	0.00	0.00	0.00
7,600.0	3.04	234.28	7,593.9	-50.0	-179.6	-43.2	0.00	0.00	0.00
7,700.0	3.04	234.28	7,693.7	-53.1	-183.9	-46.2	0.00	0.00	0.00
7,800.0	3.04	234.28	7,793.6	-56.2	-188.2	-49.1	0.00	0.00	0.00
7,900.0	3.04	234.28	7,893.4	-59.2	-192.5	-52.0	0.00	0.00	0.00
8,000.0	3.04	234.28	7,993.3	-62.3	-196.8	-54.9	0.00	0.00	0.00
8,100.0	3.04	234.28	8,093.2	-65.4	-201.1	-57.9	0.00	0.00	0.00
8,200.0	3.04	234.28	8,193.0	-68.5	-205.4	-60.8	0.00	0.00	0.00
8,300.0	3.04	234.28	8,292.9	-71.6	-209.7	-63.7	0.00	0.00	0.00
8,400.0	3.04	234.28	8,392.7	-74.7	-214.0	-66.7	0.00	0.00	0.00
8,500.0	3.04	234.28	8,492.6	-77.8	-218.3	-69.6	0.00	0.00	0.00
8,547.5	3.04	234.28	8,540.0	-79.3	-220.3	-71.0	0.00	0.00	0.00
Bone Spring									
8,600.0	3.04	234.28	8,592.5	-80.9	-222.6	-72.5	0.00	0.00	0.00
8,700.0	3.04	234.28	8,692.3	-84.0	-226.9	-75.5	0.00	0.00	0.00
8,800.0	3.04	234.28	8,792.2	-87.1	-231.2	-78.4	0.00	0.00	0.00
8,900.0	3.04	234.28	8,892.0	-90.2	-235.5	-81.3	0.00	0.00	0.00
9,000.0	3.04	234.28	8,991.9	-93.3	-239.8	-84.3	0.00	0.00	0.00
9,100.0	3.04	234.28	9,091.8	-96.4	-244.1	-87.2	0.00	0.00	0.00
9,200.0	3.04	234.28	9,191.6	-99.5	-248.4	-90.1	0.00	0.00	0.00
9,300.0	3.04	234.28	9,291.5	-102.6	-252.7	-93.0	0.00	0.00	0.00
9,400.0	3.04	234.28	9,391.3	-105.7	-257.0	-96.0	0.00	0.00	0.00
9,500.0	3.04	234.28	9,491.2	-108.7	-261.3	-98.9	0.00	0.00	0.00
9,600.0	3.04	234.28	9,591.1	-111.8	-265.6	-101.8	0.00	0.00	0.00
9,634.0	3.04	234.28	9,625.0	-112.9	-267.1	-102.8	0.00	0.00	0.00
1st Bone Spring Sand									
9,700.0	3.04	234.28	9,690.9	-114.9	-269.9	-104.8	0.00	0.00	0.00
9,800.0	3.04	234.28	9,790.8	-118.0	-274.2	-107.7	0.00	0.00	0.00
9,900.0	3.04	234.28	9,890.6	-121.1	-278.5	-110.6	0.00	0.00	0.00
10,000.0	3.04	234.28	9,990.5	-124.2	-282.8	-113.6	0.00	0.00	0.00
10,100.0	3.04	234.28	10,090.4	-127.3	-287.1	-116.5	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B3PA FED COM 1H - Slot 1H
Company:	Mewbourne Oil Company	TVD Reference:	3413+27 @ 3440.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3413+27 @ 3440.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B3PA FED COM 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Design #3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,106.0	3.04	234.28	10,096.4	-127.5	-287.4	-116.7	0.00	0.00	0.00
Begin 1.00°/100' Drop									
10,134.7	2.75	234.28	10,125.0	-128.3	-288.5	-117.5	1.00	-1.00	0.00
2nd Bone Spring Sand									
10,200.0	2.10	234.28	10,190.2	-130.0	-290.8	-119.0	1.00	-1.00	0.00
10,300.0	1.10	234.28	10,290.2	-131.6	-293.0	-120.5	1.00	-1.00	0.00
10,400.0	0.10	234.28	10,390.2	-132.2	-293.9	-121.1	1.00	-1.00	0.00
10,409.8	0.00	0.00	10,400.0	-132.2	-293.9	-121.1	1.00	-1.00	0.00
Begin Vertical Hold									
10,500.0	0.00	0.00	10,490.2	-132.2	-293.9	-121.1	0.00	0.00	0.00
10,600.0	0.00	0.00	10,590.2	-132.2	-293.9	-121.1	0.00	0.00	0.00
10,700.0	0.00	0.00	10,690.2	-132.2	-293.9	-121.1	0.00	0.00	0.00
10,706.8	0.00	0.00	10,697.0	-132.2	-293.9	-121.1	0.00	0.00	0.00
Begin 10.00°/100' Build									
10,800.0	9.32	359.50	10,789.8	-124.6	-294.0	-113.6	10.00	10.00	0.00
10,900.0	19.32	359.50	10,886.6	-99.9	-294.2	-88.9	10.00	10.00	0.00
11,000.0	29.32	359.50	10,977.6	-58.8	-294.5	-47.8	10.00	10.00	0.00
11,049.9	34.31	359.50	11,020.0	-32.5	-294.8	-21.4	10.00	10.00	0.00
3rd Bone Spring Sand									
11,100.0	39.32	359.50	11,060.1	-2.5	-295.0	8.5	10.00	10.00	0.00
11,200.0	49.32	359.50	11,131.5	67.3	-295.7	78.3	10.00	10.00	0.00
11,300.0	59.32	359.50	11,189.8	148.4	-296.4	159.4	10.00	10.00	0.00
11,400.0	69.32	359.50	11,233.0	238.4	-297.2	249.3	10.00	10.00	0.00
11,500.0	79.32	359.50	11,260.0	334.6	-298.0	345.5	10.00	10.00	0.00
11,600.0	89.32	359.50	11,269.9	433.9	-298.9	444.8	10.00	10.00	0.00
11,604.8	89.80	359.50	11,270.0	438.8	-298.9	449.6	10.00	10.00	0.00
Begin 89.80° Lateral									
11,700.0	89.80	359.50	11,270.3	533.9	-299.8	544.8	0.00	0.00	0.00
11,800.0	89.80	359.50	11,270.6	633.9	-300.7	644.7	0.00	0.00	0.00
11,900.0	89.80	359.50	11,271.0	733.9	-301.5	744.7	0.00	0.00	0.00
12,000.0	89.80	359.50	11,271.3	833.9	-302.4	844.6	0.00	0.00	0.00
12,100.0	89.80	359.50	11,271.7	933.9	-303.3	944.6	0.00	0.00	0.00
12,200.0	89.80	359.50	11,272.0	1,033.9	-304.2	1,044.6	0.00	0.00	0.00
12,300.0	89.80	359.50	11,272.3	1,133.9	-305.1	1,144.5	0.00	0.00	0.00
12,400.0	89.80	359.50	11,272.7	1,233.9	-305.9	1,244.5	0.00	0.00	0.00
12,500.0	89.80	359.50	11,273.0	1,333.9	-306.8	1,344.4	0.00	0.00	0.00
12,600.0	89.80	359.50	11,273.4	1,433.9	-307.7	1,444.4	0.00	0.00	0.00
12,700.0	89.80	359.50	11,273.7	1,533.9	-308.6	1,544.3	0.00	0.00	0.00
12,800.0	89.80	359.50	11,274.1	1,633.9	-309.5	1,644.3	0.00	0.00	0.00
12,900.0	89.80	359.50	11,274.4	1,733.9	-310.3	1,744.3	0.00	0.00	0.00
13,000.0	89.80	359.50	11,274.8	1,833.9	-311.2	1,844.2	0.00	0.00	0.00
13,100.0	89.80	359.50	11,275.1	1,933.9	-312.1	1,944.2	0.00	0.00	0.00
13,200.0	89.80	359.50	11,275.5	2,033.9	-313.0	2,044.1	0.00	0.00	0.00
13,300.0	89.80	359.50	11,275.8	2,133.9	-313.9	2,144.1	0.00	0.00	0.00
13,400.0	89.80	359.50	11,276.1	2,233.9	-314.7	2,244.1	0.00	0.00	0.00
13,500.0	89.80	359.50	11,276.5	2,333.9	-315.6	2,344.0	0.00	0.00	0.00
13,600.0	89.80	359.50	11,276.8	2,433.8	-316.5	2,444.0	0.00	0.00	0.00
13,700.0	89.80	359.50	11,277.2	2,533.8	-317.4	2,543.9	0.00	0.00	0.00
13,800.0	89.80	359.50	11,277.5	2,633.8	-318.3	2,643.9	0.00	0.00	0.00
13,900.0	89.80	359.50	11,277.9	2,733.8	-319.2	2,743.9	0.00	0.00	0.00
14,000.0	89.80	359.50	11,278.2	2,833.8	-320.0	2,843.8	0.00	0.00	0.00
14,100.0	89.80	359.50	11,278.6	2,933.8	-320.9	2,943.8	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B3PA FED COM 1H - Slot 1H
Company:	Mewbourne Oil Company	TVD Reference:	3413+27 @ 3440.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3413+27 @ 3440.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B3PA FED COM 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Design #3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,200.0	89.80	359.50	11,278.9	3,033.8	-321.8	3,043.7	0.00	0.00	0.00
14,300.0	89.80	359.50	11,279.2	3,133.8	-322.7	3,143.7	0.00	0.00	0.00
14,400.0	89.80	359.50	11,279.6	3,233.8	-323.6	3,243.6	0.00	0.00	0.00
14,500.0	89.80	359.50	11,279.9	3,333.8	-324.4	3,343.6	0.00	0.00	0.00
14,600.0	89.80	359.50	11,280.3	3,433.8	-325.3	3,443.6	0.00	0.00	0.00
14,700.0	89.80	359.50	11,280.6	3,533.8	-326.2	3,543.5	0.00	0.00	0.00
14,800.0	89.80	359.50	11,281.0	3,633.8	-327.1	3,643.5	0.00	0.00	0.00
14,900.0	89.80	359.50	11,281.3	3,733.8	-328.0	3,743.4	0.00	0.00	0.00
15,000.0	89.80	359.50	11,281.7	3,833.8	-328.8	3,843.4	0.00	0.00	0.00
15,100.0	89.80	359.50	11,282.0	3,933.8	-329.7	3,943.4	0.00	0.00	0.00
15,200.0	89.80	359.50	11,282.3	4,033.8	-330.6	4,043.3	0.00	0.00	0.00
15,300.0	89.80	359.50	11,282.7	4,133.8	-331.5	4,143.3	0.00	0.00	0.00
15,400.0	89.80	359.50	11,283.0	4,233.8	-332.4	4,243.2	0.00	0.00	0.00
15,500.0	89.80	359.50	11,283.4	4,333.8	-333.3	4,343.2	0.00	0.00	0.00
15,600.0	89.80	359.50	11,283.7	4,433.8	-334.1	4,443.1	0.00	0.00	0.00
15,700.0	89.80	359.50	11,284.1	4,533.8	-335.0	4,543.1	0.00	0.00	0.00
15,800.0	89.80	359.50	11,284.4	4,633.7	-335.9	4,643.1	0.00	0.00	0.00
15,900.0	89.80	359.50	11,284.8	4,733.7	-336.8	4,743.0	0.00	0.00	0.00
16,000.0	89.80	359.50	11,285.1	4,833.7	-337.7	4,843.0	0.00	0.00	0.00
16,100.0	89.80	359.50	11,285.4	4,933.7	-338.5	4,942.9	0.00	0.00	0.00
16,200.0	89.80	359.50	11,285.8	5,033.7	-339.4	5,042.9	0.00	0.00	0.00
16,300.0	89.80	359.50	11,286.1	5,133.7	-340.3	5,142.9	0.00	0.00	0.00
16,400.0	89.80	359.50	11,286.5	5,233.7	-341.2	5,242.8	0.00	0.00	0.00
16,500.0	89.80	359.50	11,286.8	5,333.7	-342.1	5,342.8	0.00	0.00	0.00
16,600.0	89.80	359.50	11,287.2	5,433.7	-342.9	5,442.7	0.00	0.00	0.00
16,700.0	89.80	359.50	11,287.5	5,533.7	-343.8	5,542.7	0.00	0.00	0.00
16,800.0	89.80	359.50	11,287.9	5,633.7	-344.7	5,642.7	0.00	0.00	0.00
16,900.0	89.80	359.50	11,288.2	5,733.7	-345.6	5,742.6	0.00	0.00	0.00
17,000.0	89.80	359.50	11,288.5	5,833.7	-346.5	5,842.6	0.00	0.00	0.00
17,100.0	89.80	359.50	11,288.9	5,933.7	-347.3	5,942.5	0.00	0.00	0.00
17,200.0	89.80	359.50	11,289.2	6,033.7	-348.2	6,042.5	0.00	0.00	0.00
17,300.0	89.80	359.50	11,289.6	6,133.7	-349.1	6,142.4	0.00	0.00	0.00
17,400.0	89.80	359.50	11,289.9	6,233.7	-350.0	6,242.4	0.00	0.00	0.00
17,500.0	89.80	359.50	11,290.3	6,333.7	-350.9	6,342.4	0.00	0.00	0.00
17,600.0	89.80	359.50	11,290.6	6,433.7	-351.8	6,442.3	0.00	0.00	0.00
17,700.0	89.80	359.50	11,291.0	6,533.7	-352.6	6,542.3	0.00	0.00	0.00
17,800.0	89.80	359.50	11,291.3	6,633.7	-353.5	6,642.2	0.00	0.00	0.00
17,900.0	89.80	359.50	11,291.6	6,733.7	-354.4	6,742.2	0.00	0.00	0.00
18,000.0	89.80	359.50	11,292.0	6,833.6	-355.3	6,842.2	0.00	0.00	0.00
18,100.0	89.80	359.50	11,292.3	6,933.6	-356.2	6,942.1	0.00	0.00	0.00
18,200.0	89.80	359.50	11,292.7	7,033.6	-357.0	7,042.1	0.00	0.00	0.00
18,300.0	89.80	359.50	11,293.0	7,133.6	-357.9	7,142.0	0.00	0.00	0.00
18,400.0	89.80	359.50	11,293.4	7,233.6	-358.8	7,242.0	0.00	0.00	0.00
18,500.0	89.80	359.50	11,293.7	7,333.6	-359.7	7,341.9	0.00	0.00	0.00
18,600.0	89.80	359.50	11,294.1	7,433.6	-360.6	7,441.9	0.00	0.00	0.00
18,700.0	89.80	359.50	11,294.4	7,533.6	-361.4	7,541.9	0.00	0.00	0.00
18,800.0	89.80	359.50	11,294.7	7,633.6	-362.3	7,641.8	0.00	0.00	0.00
18,900.0	89.80	359.50	11,295.1	7,733.6	-363.2	7,741.8	0.00	0.00	0.00
19,000.0	89.80	359.50	11,295.4	7,833.6	-364.1	7,841.7	0.00	0.00	0.00
19,100.0	89.80	359.50	11,295.8	7,933.6	-365.0	7,941.7	0.00	0.00	0.00
19,200.0	89.80	359.50	11,296.1	8,033.6	-365.9	8,041.7	0.00	0.00	0.00
19,300.0	89.80	359.50	11,296.5	8,133.6	-366.7	8,141.6	0.00	0.00	0.00
19,400.0	89.80	359.50	11,296.8	8,233.6	-367.6	8,241.6	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B3PA FED COM 1H - Slot 1H
Company:	Mewbourne Oil Company	TVD Reference:	3413+27 @ 3440.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3413+27 @ 3440.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B3PA FED COM 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Design #3		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
19,500.0	89.80	359.50	11,297.2	8,333.6	-368.5	8,341.5	0.00	0.00	0.00
19,600.0	89.80	359.50	11,297.5	8,433.6	-369.4	8,441.5	0.00	0.00	0.00
19,700.0	89.80	359.50	11,297.8	8,533.6	-370.3	8,541.4	0.00	0.00	0.00
19,800.0	89.80	359.50	11,298.2	8,633.6	-371.1	8,641.4	0.00	0.00	0.00
19,900.0	89.80	359.50	11,298.5	8,733.6	-372.0	8,741.4	0.00	0.00	0.00
20,000.0	89.80	359.50	11,298.9	8,833.6	-372.9	8,841.3	0.00	0.00	0.00
20,100.0	89.80	359.50	11,299.2	8,933.6	-373.8	8,941.3	0.00	0.00	0.00
20,200.0	89.80	359.50	11,299.6	9,033.6	-374.7	9,041.2	0.00	0.00	0.00
20,300.0	89.80	359.50	11,299.9	9,133.5	-375.5	9,141.2	0.00	0.00	0.00
20,400.0	89.80	359.50	11,300.3	9,233.5	-376.4	9,241.2	0.00	0.00	0.00
20,500.0	89.80	359.50	11,300.6	9,333.5	-377.3	9,341.1	0.00	0.00	0.00
20,600.0	89.80	359.50	11,300.9	9,433.5	-378.2	9,441.1	0.00	0.00	0.00
20,700.0	89.80	359.50	11,301.3	9,533.5	-379.1	9,541.0	0.00	0.00	0.00
20,800.0	89.80	359.50	11,301.6	9,633.5	-380.0	9,641.0	0.00	0.00	0.00
20,900.0	89.80	359.50	11,302.0	9,733.5	-380.8	9,741.0	0.00	0.00	0.00
21,000.0	89.80	359.50	11,302.3	9,833.5	-381.7	9,840.9	0.00	0.00	0.00
21,100.0	89.80	359.50	11,302.7	9,933.5	-382.6	9,940.9	0.00	0.00	0.00
21,200.0	89.80	359.50	11,303.0	10,033.5	-383.5	10,040.8	0.00	0.00	0.00
21,300.0	89.80	359.50	11,303.4	10,133.5	-384.4	10,140.8	0.00	0.00	0.00
21,400.0	89.80	359.50	11,303.7	10,233.5	-385.2	10,240.7	0.00	0.00	0.00
21,486.5	89.80	359.50	11,304.0	10,320.0	-386.0	10,327.2	0.00	0.00	0.00
PBHL - 20" Casing									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
IBEX 15-10 B3PA FEI - hit/miss target - Shape	0.00	0.00	0.0	0.0	0.0	473,175.20	814,157.10	32° 17' 51.879 N	103° 27' 1.390 W
- plan misses target center by 1276.3usft at 1277.0usft MD (1275.4 TVD, 18.1 N, -44.2 E) - Point									
IBEX 15-10 B3PA FEI - plan hits target center - Point	0.00	0.00	10,697.0	-132.2	-293.9	473,043.02	813,863.23	32° 17' 50.595 N	103° 27' 4.826 W
IBEX 15-10 B3PA FEI - plan misses target center by 0.1usft at 11604.9usft MD (11270.0 TVD, 438.8 N, -298.9 E) - Point	0.00	0.00	11,270.0	438.8	-298.9	473,614.00	813,858.20	32° 17' 56.246 N	103° 27' 4.830 W
IBEX 15-10 B3PA FEI - plan misses target center by 11.1usft at 11496.2usft MD (11259.3 TVD, 330.8 N, -298.0 E) - Point	0.00	0.00	11,270.0	327.8	-297.9	473,503.00	813,859.18	32° 17' 55.147 N	103° 27' 4.829 W
IBEX 15-10 B3PA FEI - plan hits target center - Point	0.00	0.00	11,304.0	10,320.0	-386.0	483,495.20	813,771.10	32° 19' 34.025 N	103° 27' 4.897 W

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
21,486.5	11,304.0	20" Casing	20	24



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B3PA FED COM 1H - Slot 1H
Company:	Mewbourne Oil Company	TVD Reference:	3413+27 @ 3440.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3413+27 @ 3440.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B3PA FED COM 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral		
Design:	Design #3		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,080.7	1,080.0	Rustler			
1,402.3	1,400.0	Salt Top			
5,062.9	5,060.0	Delaware (Lamar)			
8,547.5	8,540.0	Bone Spring			
9,634.0	9,625.0	1st Bone Spring Sand			
10,134.7	10,125.0	2nd Bone Spring Sand		0.00	
11,049.9	11,020.0	3rd Bone Spring Sand		0.00	

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,277.0	1,275.4	18.1	-44.2	Tie-in, Begin 1.00°/100' Drop
1,907.0	1,904.1	22.7	-78.5	Begin Vertical Hold
5,100.0	5,097.1	22.7	-78.5	Begin 1.00°/100' Build
5,403.8	5,400.7	18.0	-85.1	Hold 3.04° INC and 234.28° AZM
10,106.0	10,096.4	-127.5	-287.4	Begin 1.00°/100' Drop
10,409.8	10,400.0	-132.2	-293.9	Begin Vertical Hold
10,706.8	10,697.0	-132.2	-293.9	Begin 10.00°/100' Build
11,604.8	11,270.0	438.8	-298.9	Begin 89.80° Lateral
21,486.5	11,304.0	10,320.0	-386.0	PBHL

Intent ☒ As Drilled ☐

API # 30-025-46948		
Operator Name: Mewbourne Oil Co.	Property Name: Ibex 15/10 B3PA Fed Com	Well Number 1H

Kick Off Point (KOP)

UL P	Section 15	Township 23S	Range 34E	Lot	Feet 11	From N/S S	Feet 603	From E/W E	County Lea
Latitude 32.2973915					Longitude -103.451351				NAD 83

First Take Point (FTP)

UL P	Section 15	Township 23S	Range 34E	Lot	Feet 457	From N/S S	Feet 617	From E/W E	County Lea
Latitude 32.2986169					Longitude -103.4513958				NAD 83

Last Take Point (LTP)

UL A	Section 10	Township 23S	Range 34E	Lot	Feet 165	From N/S N	Feet 590	From E/W E	County Lea
Latitude 32.3259391					Longitude -103.4513272				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ YIs this well an infill well? ☐ N

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

02/03/2021

Well Name: IBEX 15/10 B3PA FED COM	Well Location: T23S / R34E / SEC 15 / SESE / 32.2977443 / -103.4503861	County or Parish/State: LEA / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM013641, NMNM13641	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546948	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Subsequent Report

Type of Submission: Subsequent Report**Type of Action:** Hydraulic Fracturing**Date Sundry Submitted:** 01/29/2021**Time Sundry Submitted:** 10:14**Date Operation Actually Began:** 12/01/2020

Actual Procedure: 12/10/2020 Frac horizontal Bone Spring from 11441' MD to 21394' w/20305236 gals slickwater, carrying 19774236# local 100 mesh sand. Flowback well for cleanup. 12/23/2020 Drill out frac plugs to PBTD @ 21431'. 12/28/2020 PWOL. FORMATION TOPS: Rustler 1056', T/Salt 1377', B/Salt 4713, Delaware Lamar 5021', Manzanita 6174', Bone Spring 8526', 1st Bone Spring 9635', 2nd Bone Spring 10131, 3rd Bone Spring 10996. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4. WE ARE ASKING FOR AN EXEMPTION FROM TUBING AT THIS TIME.

Well Name: IBEX 15/10 B3PA FED COM	Well Location: T23S / R34E / SEC 15 / SESE / 32.2977443 / -103.4503861	County or Parish/State: LEA / NM
Well Number: 1H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM013641, NMNM13641	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546948	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BISHOP**Signed on:** JAN 25, 2021 10:50 AM**Name:** MEWBOURNE OIL COMPANY**Title:** Regulatory**Street Address:** P O BOX 5270**City:** HOBBS**State:** NM**Phone:** (505) 393-5905**Email address:** NOT ENTERED**Field Representative****Representative Name:** JACKIE LATHAN**Street Address:** PO Box 5270**City:** Hobbs**State:** NM**Zip:** 88241**Phone:** (575)393-5905**Email address:** jlathan@mewbourne.com**BLM Point of Contact****BLM POC Name:** Jonathon W Shepard**BLM POC Phone:** 5752345972**Disposition:** Accepted**Signature:** Jonathon Shepard**BLM POC Title:** Petroleum Engineer**BLM POC Email Address:** jshepard@blm.gov**Disposition Date:** 02/03/2021



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print Report

01/29/2021

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B3PA FED COM	Well Number 1H	US Well Number 3002546948
Well Type OIL WELL	County LEA	State NM	Lease Number(s) NMNM013641, NMNM13641, NMNM13641
Allottee/Tribe Name	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
	Well Pad Name IBEX 15/10 PA FED COM WELLS	Well Pad Number 2	ID 10400046177

Section 1 - General

Well Completion Report Id: 32967

Submission Date: N/A until DB Work

BLM Office: Carlsbad Field Office

User: Bradley Bishop

Title: Regulatory

Federal/Indian: null

Lease Number: NMNM013641

Lease Acres: 400

Agreement in place?: NO

Federal or Indian Agreement:

Agreement Number:

Agreement Name:

Keep this Well Completion Report confidential?: YES

APD Operator: MEWBOURNE OIL
COMPANY

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool

Pool Name: BONE SPRING

Field Name: ANTELOPE RIDGE WEST

Well Type: OIL WELL

Spud Date: 08-04-2020

Date Total Measured Depth Reached: 08-27-2020

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: HORIZONTAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
UNKNOWN	ANHYDRITE		3413	27	27	NONE	

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B3PA FED COM County LEA	Well Number 1H State NM	US Well Number 3002546948 Lease Number(s) NMNM013641, NMNM13641, NMNM13641 Agreement Number(s)
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	
Allottee/Tribe Name	Well Pad Name IBEX 15/10 PA FED COM WELLS	Well Pad Number 2	ID 10400046177

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
RUSTLER	ANHYDRITE, DOLOMITE		2333	1080	1080	NONE	
TOP SALT	SALT		2013	1400	1400	NONE	
LAMAR	LIMESTONE		-1647	5060	5060	NATURAL GAS, OIL	
BONE SPRING	SANDSTONE, SHALE		-5127	8540	8540	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6212	9625	9625	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-6712	10125	10125	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-7607	11020	11020	NATURAL GAS, OIL	

Completion and Completed Intervals

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM13641	NMNM13641	NEW		POW	12-28-2020	12-28-2020	BONE SPRING	11441	21394	Y	.5	1881	OPEN

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B3PA FED COM	Well Number 1H	US Well Number 3002546948
	County LEA	State NM	Lease Number(s) NMNM013641, NMNM13641, NMNM13641
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name IBEX 15/10 PA FED COM WELLS	Well Pad Number 2	ID 10400046177

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	483458		20305236 gals slickwater, carrying 19774236# local 100 mesh sand.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1		.793	FLows FROM WELL		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	12/31/2020	24	592	874	1669	1476	23/64			2925

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B3PA FED COM	Well Number 1H	US Well Number 3002546948
	County LEA	State NM	Lease Number(s) NMNM013641, NMNM13641, NMNM13641
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name IBEX 15/10 PA FED COM WELLS	Well Pad Number 2	ID 10400046177

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.29774 43	- 103.4503 861	3413	FEDERAL	NMNM 01364 1				140	FSL	305	FEL	23S	34E	15	SESE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.29739 15	- 103.4513 51	-7225	FEDERAL	NMNM 01364 1				11	FSL	603	FEL	23S	34E	15	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.31553 34	- 103.4513 914	-7889	FEDERAL	NMNM 03516 4				1320	FSL	611	FEL	23S	34E	10	NESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.31190 25	- 103.4513 781	-7880	FEDERAL	NMNM 01364 1				0	FSL	607	FEL	23S	34E	10	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.29861 69	- 103.4513 958	-7817	FEDERAL	NMNM 01364 1				457	FSL	617	FEL	23S	34E	15	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.30461 78	- 103.4513 283	-7867	FEDERAL	NMNM 01383 8				2640	FNL	595	FEL	23S	34E	15	SENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.32593 91	- 103.4513 272	-7896	FEDERAL	NMNM 03516 4				165	FNL	590	FEL	23S	34E	10	NENE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.32616 15	- 103.4513 295	-7897	FEDERAL	NMNM 03516 4				84	FNL	590	FEL	23S	34E	10	NENE

Operator Name MEWBORNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B3PA FED COM	Well Number 1H	US Well Number 3002546948
	County LEA	State NM	Lease Number(s) NMNM013641, NMNM13641, NMNM13641
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name IBEX 15/10 PA FED COM WELLS	Well Pad Number 2	ID 10400046177

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	1305	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	5013	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	10596	7.625	39	HCP-110		OTHER	LFJ	
00	LINER	6.125	10368	21472	4.5	13.5	HCP-110		OTHER	CDC-HTQ	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	SURFACE		Class C	950	1.73	0	Class C	200	1.34	919	340.4
00	INTERMEDIATE		Class C	700	3.01	0	Class C	200	1.32	4170	422.3
00	PRODUCTION		Class C	150	3.18	3428	Class H	400	1.21	7369	171.2
00	LINER		Class H	925	1.74	10368				925	286.7

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B3PA FED COM County LEA	Well Number 1H State NM	US Well Number 3002546948 Lease Number(s) NMNM013641, NMNM13641, NMNM13641 Agreement Number(s)
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	
Allottee/Tribe Name	Well Pad Name IBEX 15/10 PA FED COM WELLS	Well Pad Number 2	ID 10400046177

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	YES	YES

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B3PA FED COM County LEA	Well Number 1H State NM	US Well Number 3002546948 Lease Number(s) NMNM013641, NMNM13641, NMNM13641 Agreement Number(s)
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Allottee/Tribe Name	Well Pad Name IBEX 15/10 PA FED COM WELLS	Well Pad Number 2	ID 10400046177

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: MEWBOURNE OIL COMPANY

Signed By: Bradley Bishop

Title: Regulatory

Signed on: 01/29/2021

Street Address: P O BOX 5270

City: HOBBS

State: NM

Zip: 88241

Phone: (505)393-5905

Email address:

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

SES_Plan2_IBEX_1510_B3PA_FED_COM_1H__Well_Plan_v2_20210125124914.pdf

IBEX_15_10_B3PA_FED_COM_1H_5in_20210125125015.pdf

Final_IBEX_15_10_B3PA_FED_COM_1H_5_TVD_20210129064307.PDF

Final_IBEX_15_10_B3PA_FED_COM_1H_2.5_TVD_20210129064353.PDF

20210129075334_20210129065617.pdf

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B3PA FED COM County LEA	Well Number 1H State NM	US Well Number 3002546948 Lease Number(s) NMNM013641, NMNM13641, NMNM13641 Agreement Number(s)
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	
Allottee/Tribe Name	Well Pad Name IBEX 15/10 PA FED COM WELLS	Well Pad Number 2	ID 10400046177

Attachments

SES_Plan2_IBEX_1510_B3PA_FED_COM_1H__Well_Plan_v2_20210125124914.pdf

IBEX_15_10_B3PA_FED_COM_1H_5in_20210125125015.pdf

Final_IBEX_15_10_B3PA_FED_COM_1H_5_TVD_20210129064307.PDF

Final_IBEX_15_10_B3PA_FED_COM_1H_2.5_TVD_20210129064353.PDF

20210129075334_20210129065617.pdf

Mewbourne Oil Company**Well Name: Ibex 15/10 B3PA Fed Com #1H (Current Schematic)**

Updated by: Andy Taylor

Spud Date: 8/4/2020**Date Updated: 1/28/2021****Surface**

17 1/2" x 13 3/4" 54.5# J55

Set @ 1305'

Cmt w/ 1150 sx

Circ. 432 sx to pit

Intermediate

12 3/4" x 9 3/4" 40# HCL80

Set @ 5013'

Cmt w/ 900 sx

Circ. 50 sx to pit

Production

8 3/4" x 7 5/8" 39# HCP110

Set @ 10,596'

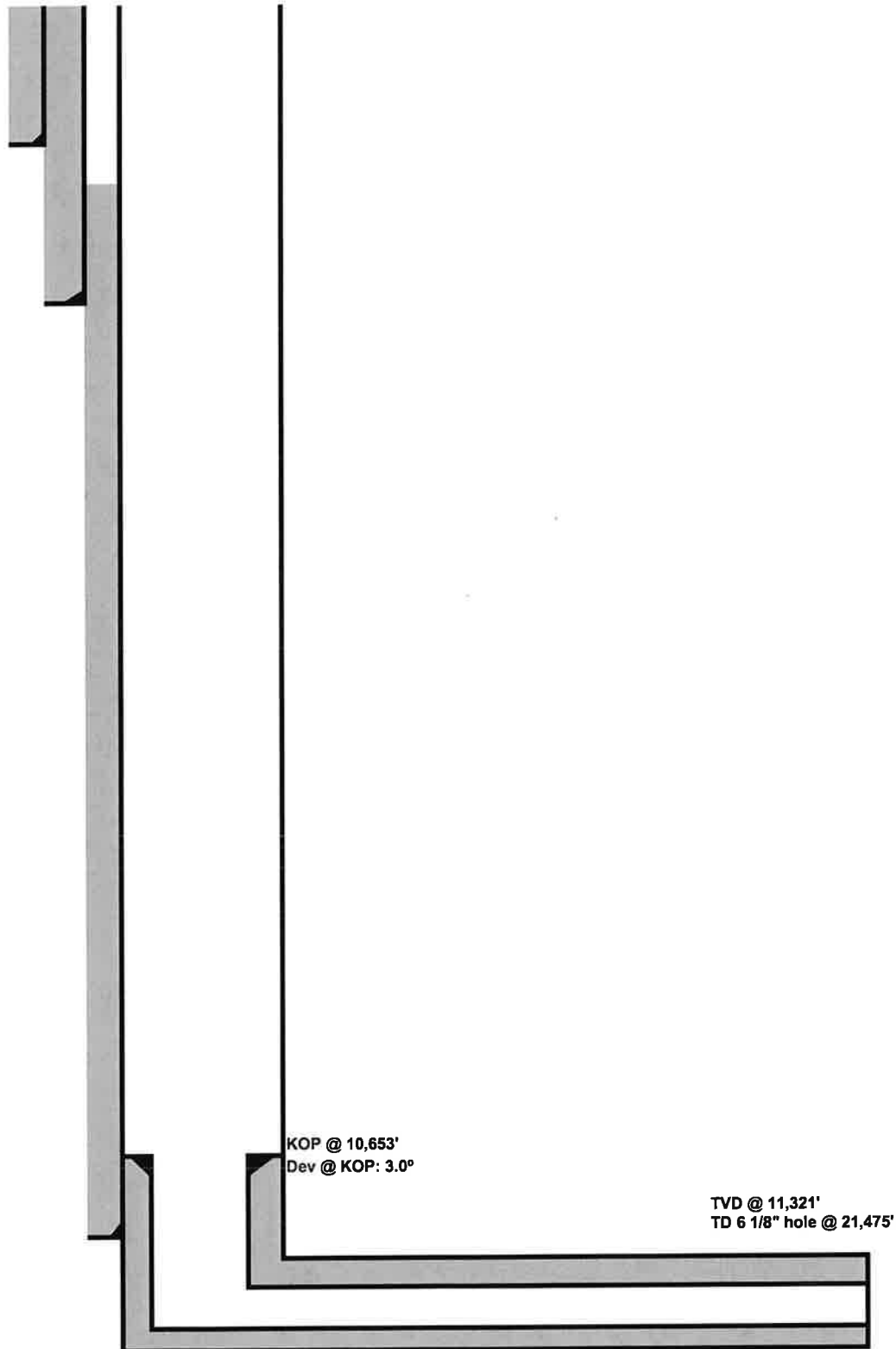
Cmt w/ 550 sx

TOC @ 3248'

Liner

6 1/8" x 4 1/2" HCP110

Set @ 10,368' - 21,472'



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 17009

CONDITIONS OF APPROVAL

Operator:	MEWBOURNE OIL CO	P.O. Box 5270	Hobbs, NM88241	OGRID:	14744	Action Number:	17009	Action Type:	C-104C
OCD Reviewer									Condition
plmartinez									None