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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 - 47060	⁵ Pool Name Antelope Ridge; Bone Spring, West	⁶ Pool Code 2209
⁷ Property Code 327682	⁸ Property Name IBEX 15/10 B1PA FED COM	⁹ Well Number 2H

KZ

II. ¹⁰ Surface Location

UL or lot no. P	Section 15	Township 23S	Range 34E	Lot Idn	Feet from the 140'	North/South Line South	Feet from the 275'	East/West line East	County Lea
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¹¹ Bottom Hole Location

SL

UL or lot no. A	Section 10	Township 23S	Range 34E	Lot Idn	Feet from the 86'	North/South line North	Feet from the 499'	East/West line East	County 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				

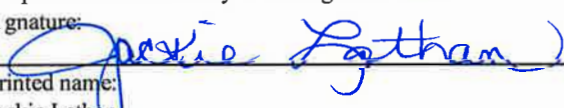
III. Oil and Gas Transporters

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 08/30/2020	²² Ready Date 12/28/2020	²³ TD 19891'	²⁴ PBSD 18409'	²⁵ Perforations 9825' - 18394'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1304'	1125		
12 1/4"	9 5/8"	5000'	1175		
8 3/4"	7"	10040'	650		
6 1/8"	4 1/2"	7646' - 18450'	850		

V. Well Test Data

³¹ Date New Oil 12/28/2020	³² Gas Delivery Date 12/28/2020	³³ Test Date 1/20/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 1100
³⁷ Choke Size 23/64	³⁸ Oil 177	³⁹ Water 2695	⁴⁰ Gas 348		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:		
Title: Regulatory			Title:		
E-mail Address: jlathan@mewbourne.com			Approval Date:		
Date: 01/26/2021		Phone: 575-393-5905			

Received by OCD: 1/29/2021 2:22:39 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) 746-3460 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

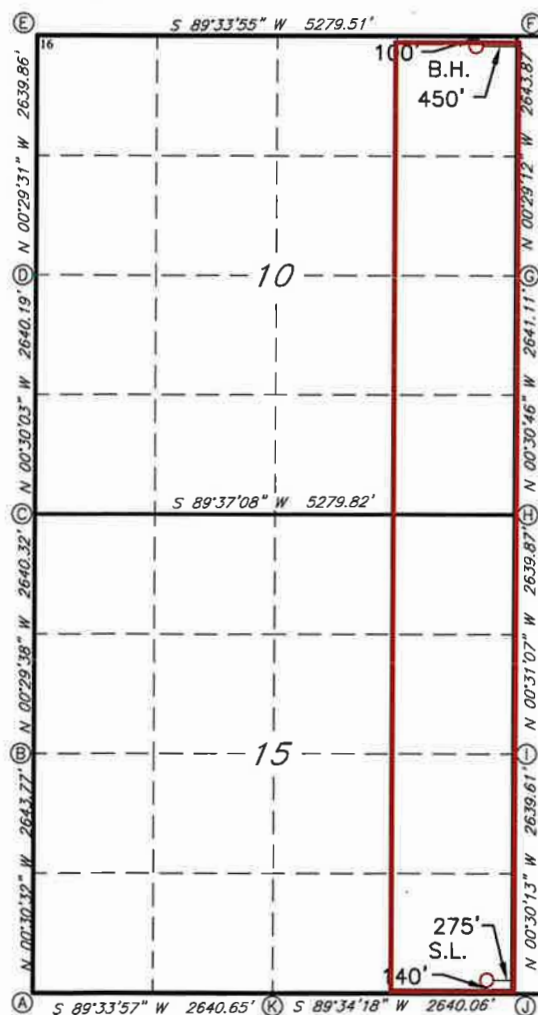
1 API Number 30-025-47060		2 Pool Code 2209		3 Pool Name Antelope Ridge; Bone Spring West		KZ	
4 Property Code 327862		5 Property Name IBEX 15/10 B1PA FED COM					6 Well Number 2H
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY					9 Elevation 3412'

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	275	EAST	LEA

11 Bottom Hole Location If Different From Surface								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		86	NORTH	499	EAST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

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 473175.4 — E 814187.1
LAT: 32.2977442° N
LONG: 103.4502889° W

BOTTOM HOLE
N 483496.4 — E 813921.1
LAT: 32.3261178 N
LONG: 103.4508749° 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

¹⁷OPERATOR 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.

Signature Jackie Lathan Date 01/06/2021
Printed Name Jackie Lathan
E-mail Address jathan@mewbourne.com

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.: LS19080818

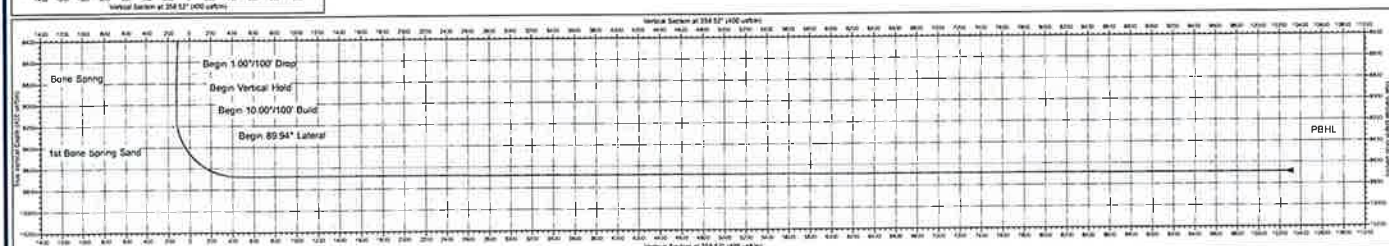
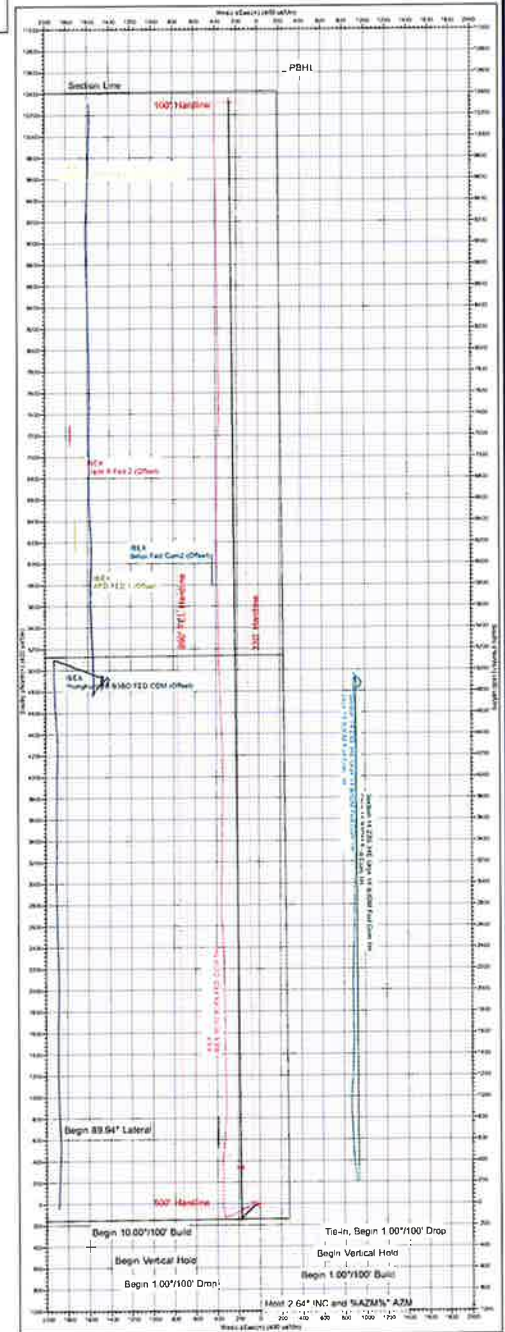
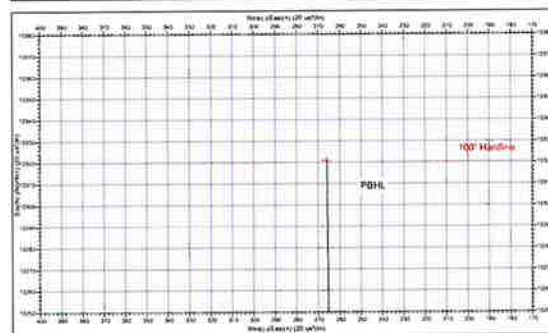
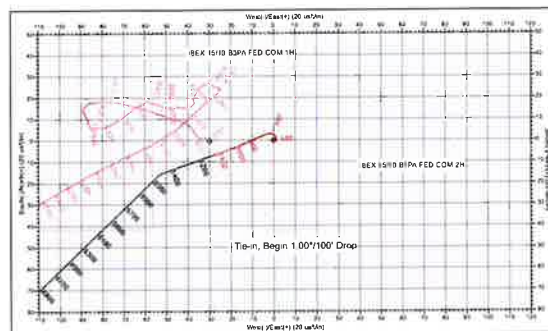
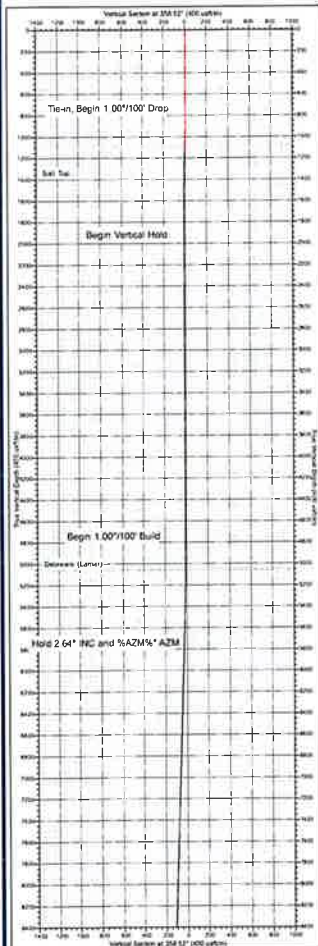


Company: Mewbourne Oil Company
 Site: IBEX
 Well: IBEX 15/10 B1PA FED COM 2H
 Project: Lea County, NM (NAD83) NMEZ Grid
 Rig: Pat560



ANNOTATIONS

MD	Inc	Azi	TVD	+N-S	+E-W	Vsect	Departure	Annotation
1161.0	5.40	250.60	1159.9	-7.2	-26.8	-6.5	0.0	Tie-in, Begin 1.00"/100' Drop
1701.0	0.00	0.00	1699.1	-15.6	-52.8	-14.3	25.4	Begin Vertical Hold
5101.9	0.00	0.00	5100.0	-15.6	-52.8	-14.3	25.4	Begin 1.00"/100' Build
5365.6	2.64	226.32	5363.6	-19.8	-57.2	-18.4	31.5	Hold 2.64" INC and %AZM% AZM
6742.0	2.64	226.32	6736.4	-127.1	-169.5	-122.7	186.8	Begin 1.00"/100' Drop
9005.7	0.00	0.00	9000.0	-131.3	-173.9	-126.8	192.9	Begin Vertical Hold
9106.4	0.00	0.00	9100.7	-131.3	-173.9	-126.8	192.9	Begin 10.00"/100' Build
10005.8	89.94	359.50	9673.7	441.0	-178.9	445.5	765.2	Begin 88.94" Lateral
19886.1	89.94	359.50	9884.0	10321.0	-266.0	10324.4	10645.6	PBHL





Mewbourne Oil Company

Lea County, NM (NAD83) NMEZ Grid

IBEX

IBEX 15/10 B1PA FED COM 2H - Slot 2H

Wellbore #1

Plan: Design #3

Standard Planning Report

01 September, 2020





Stryker Directional

Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B1PA FED COM 2H - Slot 2H
Company:	Mewbourne Oil Company	TVD Reference:	3412+27 @ 3439.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3412+27 @ 3439.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B1PA FED COM 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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	Latitude:	32° 17' 51.879 N
From:	Map	Easting:	814,187.10 usft	Longitude:	103° 27' 1.040 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.47

Well	IBEX 15/10 B1PA FED COM 2H - Slot 2H					
Well Position	+N/-S	0.0 usft	Northing:	473,175.40 usft	Latitude:	32° 17' 51.879 N
	+E/-W	0.0 usft	Easting:	814,187.10 usft	Longitude:	103° 27' 1.040 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,412.0 usft

Wellbore		Wellbore #1			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	9/1/2020	6.59	60.01	47,631.99900454

Design					Design #3				
Audit Notes:									
Version:		Phase:		PLAN		Tie On Depth:		1,161.0	
Vertical Section:		Depth From (TVD) (usft)		+N/-S (usft)		+E/-W (usft)		Direction (°)	
		0.0		0.0		0.0		358.52	

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
1,161.0	5.40	250.60	1,159.9	-7.2	-28.8	0.00	0.00	0.00	0.00	
1,701.0	0.00	0.00	1,699.1	-15.6	-52.8	1.00	-1.00	0.00	180.00	
5,101.9	0.00	0.00	5,100.0	-15.6	-52.8	0.00	0.00	0.00	0.00	
5,365.6	2.64	226.32	5,363.6	-19.8	-57.2	1.00	1.00	0.00	226.32	
8,742.0	2.64	226.32	8,736.4	-127.1	-169.5	0.00	0.00	0.00	0.00	
9,005.7	0.00	0.00	9,000.0	-131.3	-173.9	1.00	-1.00	0.00	180.00	
9,106.4	0.00	0.00	9,100.7	-131.3	-173.9	0.00	0.00	0.00	0.00	
10,005.8	89.94	359.50	9,673.7	441.0	-178.9	10.00	10.00	0.00	359.50	
19,886.1	89.94	359.50	9,684.0	10,321.0	-266.0	0.00	0.00	0.00	0.00	IBEX 15-10 B1PA F



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B1PA FED COM 2H - Slot 2H
Company:	Mewbourne Oil Company	TVD Reference:	3412+27 @ 3439.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3412+27 @ 3439.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B1PA FED COM 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
1,161.0	5.40	250.60	1,159.9	-7.2	-28.8	-6.5	0.32	0.32	0.00
Tie-in, Begin 1.00°/100' Drop									
1,200.0	5.01	250.60	1,198.7	-8.4	-32.2	-7.5	1.00	-1.00	0.00
1,300.0	4.01	250.60	1,298.4	-11.0	-39.6	-10.0	1.00	-1.00	0.00
1,400.0	3.01	250.60	1,398.2	-13.0	-45.3	-11.8	1.00	-1.00	0.00
1,401.8	2.99	250.60	1,400.0	-13.0	-45.4	-11.9	1.00	-1.00	0.00
Salt Top									
1,500.0	2.01	250.60	1,498.1	-14.5	-49.5	-13.2	1.00	-1.00	0.00
1,600.0	1.01	250.60	1,598.1	-15.3	-52.0	-14.0	1.00	-1.00	0.00
1,700.0	0.01	250.60	1,698.1	-15.6	-52.8	-14.3	1.00	-1.00	0.00
1,701.0	0.00	0.00	1,699.1	-15.6	-52.8	-14.3	1.00	-1.00	0.00
Begin Vertical Hold									
1,800.0	0.00	0.00	1,798.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
1,900.0	0.00	0.00	1,898.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,000.0	0.00	0.00	1,998.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,100.0	0.00	0.00	2,098.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,200.0	0.00	0.00	2,198.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,300.0	0.00	0.00	2,298.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,400.0	0.00	0.00	2,398.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,500.0	0.00	0.00	2,498.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,600.0	0.00	0.00	2,598.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,700.0	0.00	0.00	2,698.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,800.0	0.00	0.00	2,798.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
2,900.0	0.00	0.00	2,898.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,000.0	0.00	0.00	2,998.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,100.0	0.00	0.00	3,098.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,200.0	0.00	0.00	3,198.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,300.0	0.00	0.00	3,298.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,400.0	0.00	0.00	3,398.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,500.0	0.00	0.00	3,498.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,600.0	0.00	0.00	3,598.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,700.0	0.00	0.00	3,698.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,800.0	0.00	0.00	3,798.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
3,900.0	0.00	0.00	3,898.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,000.0	0.00	0.00	3,998.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,100.0	0.00	0.00	4,098.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,200.0	0.00	0.00	4,198.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,300.0	0.00	0.00	4,298.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,400.0	0.00	0.00	4,398.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,500.0	0.00	0.00	4,498.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,600.0	0.00	0.00	4,598.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,700.0	0.00	0.00	4,698.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,800.0	0.00	0.00	4,798.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
4,900.0	0.00	0.00	4,898.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
5,000.0	0.00	0.00	4,998.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
5,061.9	0.00	0.00	5,060.0	-15.6	-52.8	-14.3	0.00	0.00	0.00
Delaware (Lamar)									
5,100.0	0.00	0.00	5,098.1	-15.6	-52.8	-14.3	0.00	0.00	0.00
5,101.9	0.00	0.00	5,100.0	-15.6	-52.8	-14.3	0.00	0.00	0.00
Begin 1.00°/100' Build									
5,200.0	0.98	226.32	5,198.1	-16.2	-53.4	-14.8	1.00	1.00	0.00
5,300.0	1.98	226.32	5,298.0	-18.0	-55.3	-16.6	1.00	1.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B1PA FED COM 2H - Slot 2H
Company:	Mewbourne Oil Company	TVD Reference:	3412+27 @ 3439.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3412+27 @ 3439.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B1PA FED COM 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
5,365.6	2.64	226.32	5,363.6	-19.8	-57.2	-18.4	1.00	1.00	0.00
Hold 2.64° INC and %AZM%° AZM									
5,400.0	2.64	226.32	5,398.0	-20.9	-58.3	-19.4	0.00	0.00	0.00
5,500.0	2.64	226.32	5,497.8	-24.1	-61.7	-22.5	0.00	0.00	0.00
5,600.0	2.64	226.32	5,597.7	-27.3	-65.0	-25.6	0.00	0.00	0.00
5,700.0	2.64	226.32	5,697.6	-30.5	-68.3	-28.7	0.00	0.00	0.00
5,800.0	2.64	226.32	5,797.5	-33.6	-71.6	-31.8	0.00	0.00	0.00
5,900.0	2.64	226.32	5,897.4	-36.8	-75.0	-34.9	0.00	0.00	0.00
6,000.0	2.64	226.32	5,997.3	-40.0	-78.3	-38.0	0.00	0.00	0.00
6,100.0	2.64	226.32	6,097.2	-43.2	-81.6	-41.0	0.00	0.00	0.00
6,200.0	2.64	226.32	6,197.1	-46.3	-84.9	-44.1	0.00	0.00	0.00
6,300.0	2.64	226.32	6,297.0	-49.5	-88.3	-47.2	0.00	0.00	0.00
6,400.0	2.64	226.32	6,396.9	-52.7	-91.6	-50.3	0.00	0.00	0.00
6,500.0	2.64	226.32	6,496.8	-55.9	-94.9	-53.4	0.00	0.00	0.00
6,600.0	2.64	226.32	6,596.7	-59.1	-98.3	-56.5	0.00	0.00	0.00
6,700.0	2.64	226.32	6,696.6	-62.2	-101.6	-59.6	0.00	0.00	0.00
6,800.0	2.64	226.32	6,796.5	-65.4	-104.9	-62.7	0.00	0.00	0.00
6,900.0	2.64	226.32	6,896.4	-68.6	-108.2	-65.8	0.00	0.00	0.00
7,000.0	2.64	226.32	6,996.3	-71.8	-111.6	-68.9	0.00	0.00	0.00
7,100.0	2.64	226.32	7,096.2	-74.9	-114.9	-72.0	0.00	0.00	0.00
7,200.0	2.64	226.32	7,196.0	-78.1	-118.2	-75.0	0.00	0.00	0.00
7,300.0	2.64	226.32	7,295.9	-81.3	-121.5	-78.1	0.00	0.00	0.00
7,400.0	2.64	226.32	7,395.8	-84.5	-124.9	-81.2	0.00	0.00	0.00
7,500.0	2.64	226.32	7,495.7	-87.6	-128.2	-84.3	0.00	0.00	0.00
7,600.0	2.64	226.32	7,595.6	-90.8	-131.5	-87.4	0.00	0.00	0.00
7,700.0	2.64	226.32	7,695.5	-94.0	-134.8	-90.5	0.00	0.00	0.00
7,800.0	2.64	226.32	7,795.4	-97.2	-138.2	-93.6	0.00	0.00	0.00
7,900.0	2.64	226.32	7,895.3	-100.4	-141.5	-96.7	0.00	0.00	0.00
8,000.0	2.64	226.32	7,995.2	-103.5	-144.8	-99.8	0.00	0.00	0.00
8,100.0	2.64	226.32	8,095.1	-106.7	-148.2	-102.9	0.00	0.00	0.00
8,200.0	2.64	226.32	8,195.0	-109.9	-151.5	-105.9	0.00	0.00	0.00
8,300.0	2.64	226.32	8,294.9	-113.1	-154.8	-109.0	0.00	0.00	0.00
8,400.0	2.64	226.32	8,394.8	-116.2	-158.1	-112.1	0.00	0.00	0.00
8,500.0	2.64	226.32	8,494.7	-119.4	-161.5	-115.2	0.00	0.00	0.00
8,545.4	2.64	226.32	8,540.0	-120.9	-163.0	-116.6	0.00	0.00	0.00
Bone Spring									
8,600.0	2.64	226.32	8,594.6	-122.6	-164.8	-118.3	0.00	0.00	0.00
8,700.0	2.64	226.32	8,694.5	-125.8	-168.1	-121.4	0.00	0.00	0.00
8,742.0	2.64	226.32	8,736.4	-127.1	-169.5	-122.7	0.00	0.00	0.00
Begin 1.00°/100' Drop									
8,800.0	2.06	226.32	8,794.4	-128.8	-171.2	-124.3	1.00	-1.00	0.00
8,900.0	1.06	226.32	8,894.3	-130.6	-173.2	-126.1	1.00	-1.00	0.00
9,000.0	0.06	226.32	8,994.3	-131.3	-173.9	-126.8	1.00	-1.00	0.00
9,005.7	0.00	0.00	9,000.0	-131.3	-173.9	-126.8	1.00	-1.00	0.00
Begin Vertical Hold									
9,100.0	0.00	0.00	9,094.3	-131.3	-173.9	-126.8	0.00	0.00	0.00
9,106.4	0.00	0.00	9,100.7	-131.3	-173.9	-126.8	0.00	0.00	0.00
Begin 10.00°/100' Build									
9,200.0	9.36	359.50	9,193.9	-123.7	-174.0	-119.1	10.00	10.00	0.00
9,300.0	19.36	359.50	9,290.7	-98.9	-174.2	-94.4	10.00	10.00	0.00
9,400.0	29.36	359.50	9,381.6	-57.7	-174.5	-53.2	10.00	10.00	0.00
9,500.0	39.36	359.50	9,464.1	-1.3	-175.0	3.2	10.00	10.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B1PA FED COM 2H - Slot 2H
Company:	Mewbourne Oil Company	TVD Reference:	3412+27 @ 3439.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3412+27 @ 3439.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B1PA FED COM 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
9,600.0	49.36	359.50	9,535.5	68.5	-175.7	73.0	10.00	10.00	0.00
9,700.0	59.36	359.50	9,593.7	149.7	-176.4	154.2	10.00	10.00	0.00
9,768.6	66.22	359.50	9,625.0	210.6	-176.9	215.1	10.00	10.00	0.00
1st Bone Spring Sand									
9,800.0	69.36	359.50	9,636.9	239.7	-177.2	244.2	10.00	10.00	0.00
9,900.0	79.36	359.50	9,663.8	335.9	-178.0	340.3	10.00	10.00	0.00
10,000.0	89.36	359.50	9,673.6	435.3	-178.9	439.7	10.00	10.00	0.00
10,005.8	89.94	359.50	9,673.7	441.0	-178.9	445.5	10.00	10.00	0.00
Begin 89.94° Lateral									
10,100.0	89.94	359.50	9,673.8	535.3	-179.8	539.7	0.00	0.00	0.00
10,200.0	89.94	359.50	9,673.9	635.3	-180.7	639.7	0.00	0.00	0.00
10,300.0	89.94	359.50	9,674.0	735.2	-181.5	739.7	0.00	0.00	0.00
10,400.0	89.94	359.50	9,674.1	835.2	-182.4	839.7	0.00	0.00	0.00
10,500.0	89.94	359.50	9,674.2	935.2	-183.3	939.7	0.00	0.00	0.00
10,600.0	89.94	359.50	9,674.3	1,035.2	-184.2	1,039.6	0.00	0.00	0.00
10,700.0	89.94	359.50	9,674.4	1,135.2	-185.1	1,139.6	0.00	0.00	0.00
10,800.0	89.94	359.50	9,674.5	1,235.2	-185.9	1,239.6	0.00	0.00	0.00
10,900.0	89.94	359.50	9,674.6	1,335.2	-186.8	1,339.6	0.00	0.00	0.00
11,000.0	89.94	359.50	9,674.7	1,435.2	-187.7	1,439.6	0.00	0.00	0.00
11,100.0	89.94	359.50	9,674.8	1,535.2	-188.6	1,539.6	0.00	0.00	0.00
11,200.0	89.94	359.50	9,674.9	1,635.2	-189.5	1,639.6	0.00	0.00	0.00
11,300.0	89.94	359.50	9,675.0	1,735.2	-190.3	1,739.5	0.00	0.00	0.00
11,400.0	89.94	359.50	9,675.1	1,835.2	-191.2	1,839.5	0.00	0.00	0.00
11,500.0	89.94	359.50	9,675.2	1,935.2	-192.1	1,939.5	0.00	0.00	0.00
11,600.0	89.94	359.50	9,675.3	2,035.2	-193.0	2,039.5	0.00	0.00	0.00
11,700.0	89.94	359.50	9,675.4	2,135.2	-193.9	2,139.5	0.00	0.00	0.00
11,800.0	89.94	359.50	9,675.5	2,235.2	-194.8	2,239.5	0.00	0.00	0.00
11,900.0	89.94	359.50	9,675.6	2,335.2	-195.6	2,339.5	0.00	0.00	0.00
12,000.0	89.94	359.50	9,675.7	2,435.2	-196.5	2,439.4	0.00	0.00	0.00
12,100.0	89.94	359.50	9,675.8	2,535.2	-197.4	2,539.4	0.00	0.00	0.00
12,200.0	89.94	359.50	9,676.0	2,635.2	-198.3	2,639.4	0.00	0.00	0.00
12,300.0	89.94	359.50	9,676.1	2,735.2	-199.2	2,739.4	0.00	0.00	0.00
12,400.0	89.94	359.50	9,676.2	2,835.2	-200.0	2,839.4	0.00	0.00	0.00
12,500.0	89.94	359.50	9,676.3	2,935.2	-200.9	2,939.4	0.00	0.00	0.00
12,600.0	89.94	359.50	9,676.4	3,035.2	-201.8	3,039.4	0.00	0.00	0.00
12,700.0	89.94	359.50	9,676.5	3,135.2	-202.7	3,139.3	0.00	0.00	0.00
12,800.0	89.94	359.50	9,676.6	3,235.2	-203.6	3,239.3	0.00	0.00	0.00
12,900.0	89.94	359.50	9,676.7	3,335.1	-204.4	3,339.3	0.00	0.00	0.00
13,000.0	89.94	359.50	9,676.8	3,435.1	-205.3	3,439.3	0.00	0.00	0.00
13,100.0	89.94	359.50	9,676.9	3,535.1	-206.2	3,539.3	0.00	0.00	0.00
13,200.0	89.94	359.50	9,677.0	3,635.1	-207.1	3,639.3	0.00	0.00	0.00
13,300.0	89.94	359.50	9,677.1	3,735.1	-208.0	3,739.2	0.00	0.00	0.00
13,400.0	89.94	359.50	9,677.2	3,835.1	-208.9	3,839.2	0.00	0.00	0.00
13,500.0	89.94	359.50	9,677.3	3,935.1	-209.7	3,939.2	0.00	0.00	0.00
13,600.0	89.94	359.50	9,677.4	4,035.1	-210.6	4,039.2	0.00	0.00	0.00
13,700.0	89.94	359.50	9,677.5	4,135.1	-211.5	4,139.2	0.00	0.00	0.00
13,800.0	89.94	359.50	9,677.6	4,235.1	-212.4	4,239.2	0.00	0.00	0.00
13,900.0	89.94	359.50	9,677.7	4,335.1	-213.3	4,339.2	0.00	0.00	0.00
14,000.0	89.94	359.50	9,677.8	4,435.1	-214.1	4,439.1	0.00	0.00	0.00
14,100.0	89.94	359.50	9,677.9	4,535.1	-215.0	4,539.1	0.00	0.00	0.00
14,200.0	89.94	359.50	9,678.0	4,635.1	-215.9	4,639.1	0.00	0.00	0.00
14,300.0	89.94	359.50	9,678.2	4,735.1	-216.8	4,739.1	0.00	0.00	0.00
14,400.0	89.94	359.50	9,678.3	4,835.1	-217.7	4,839.1	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B1PA FED COM 2H - Slot 2H
Company:	Mewbourne Oil Company	TVD Reference:	3412+27 @ 3439.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3412+27 @ 3439.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B1PA FED COM 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
14,500.0	89.94	359.50	9,678.4	4,935.1	-218.5	4,939.1	0.00	0.00	0.00
14,600.0	89.94	359.50	9,678.5	5,035.1	-219.4	5,039.1	0.00	0.00	0.00
14,700.0	89.94	359.50	9,678.6	5,135.1	-220.3	5,139.0	0.00	0.00	0.00
14,800.0	89.94	359.50	9,678.7	5,235.1	-221.2	5,239.0	0.00	0.00	0.00
14,900.0	89.94	359.50	9,678.8	5,335.1	-222.1	5,339.0	0.00	0.00	0.00
15,000.0	89.94	359.50	9,678.9	5,435.1	-222.9	5,439.0	0.00	0.00	0.00
15,100.0	89.94	359.50	9,679.0	5,535.1	-223.8	5,539.0	0.00	0.00	0.00
15,200.0	89.94	359.50	9,679.1	5,635.1	-224.7	5,639.0	0.00	0.00	0.00
15,300.0	89.94	359.50	9,679.2	5,735.1	-225.6	5,739.0	0.00	0.00	0.00
15,400.0	89.94	359.50	9,679.3	5,835.0	-226.5	5,838.9	0.00	0.00	0.00
15,500.0	89.94	359.50	9,679.4	5,935.0	-227.4	5,938.9	0.00	0.00	0.00
15,600.0	89.94	359.50	9,679.5	6,035.0	-228.2	6,038.9	0.00	0.00	0.00
15,700.0	89.94	359.50	9,679.6	6,135.0	-229.1	6,138.9	0.00	0.00	0.00
15,800.0	89.94	359.50	9,679.7	6,235.0	-230.0	6,238.9	0.00	0.00	0.00
15,900.0	89.94	359.50	9,679.8	6,335.0	-230.9	6,338.9	0.00	0.00	0.00
16,000.0	89.94	359.50	9,679.9	6,435.0	-231.8	6,438.9	0.00	0.00	0.00
16,100.0	89.94	359.50	9,680.0	6,535.0	-232.6	6,538.8	0.00	0.00	0.00
16,200.0	89.94	359.50	9,680.1	6,635.0	-233.5	6,638.8	0.00	0.00	0.00
16,300.0	89.94	359.50	9,680.2	6,735.0	-234.4	6,738.8	0.00	0.00	0.00
16,400.0	89.94	359.50	9,680.3	6,835.0	-235.3	6,838.8	0.00	0.00	0.00
16,500.0	89.94	359.50	9,680.5	6,935.0	-236.2	6,938.8	0.00	0.00	0.00
16,600.0	89.94	359.50	9,680.6	7,035.0	-237.0	7,038.8	0.00	0.00	0.00
16,700.0	89.94	359.50	9,680.7	7,135.0	-237.9	7,138.8	0.00	0.00	0.00
16,800.0	89.94	359.50	9,680.8	7,235.0	-238.8	7,238.7	0.00	0.00	0.00
16,900.0	89.94	359.50	9,680.9	7,335.0	-239.7	7,338.7	0.00	0.00	0.00
17,000.0	89.94	359.50	9,681.0	7,435.0	-240.6	7,438.7	0.00	0.00	0.00
17,100.0	89.94	359.50	9,681.1	7,535.0	-241.5	7,538.7	0.00	0.00	0.00
17,200.0	89.94	359.50	9,681.2	7,635.0	-242.3	7,638.7	0.00	0.00	0.00
17,300.0	89.94	359.50	9,681.3	7,735.0	-243.2	7,738.7	0.00	0.00	0.00
17,400.0	89.94	359.50	9,681.4	7,835.0	-244.1	7,838.7	0.00	0.00	0.00
17,500.0	89.94	359.50	9,681.5	7,935.0	-245.0	7,938.6	0.00	0.00	0.00
17,600.0	89.94	359.50	9,681.6	8,035.0	-245.9	8,038.6	0.00	0.00	0.00
17,700.0	89.94	359.50	9,681.7	8,135.0	-246.7	8,138.6	0.00	0.00	0.00
17,800.0	89.94	359.50	9,681.8	8,235.0	-247.6	8,238.6	0.00	0.00	0.00
17,900.0	89.94	359.50	9,681.9	8,334.9	-248.5	8,338.6	0.00	0.00	0.00
18,000.0	89.94	359.50	9,682.0	8,434.9	-249.4	8,438.6	0.00	0.00	0.00
18,100.0	89.94	359.50	9,682.1	8,534.9	-250.3	8,538.6	0.00	0.00	0.00
18,200.0	89.94	359.50	9,682.2	8,634.9	-251.1	8,638.5	0.00	0.00	0.00
18,300.0	89.94	359.50	9,682.3	8,734.9	-252.0	8,738.5	0.00	0.00	0.00
18,400.0	89.94	359.50	9,682.4	8,834.9	-252.9	8,838.5	0.00	0.00	0.00
18,500.0	89.94	359.50	9,682.5	8,934.9	-253.8	8,938.5	0.00	0.00	0.00
18,600.0	89.94	359.50	9,682.7	9,034.9	-254.7	9,038.5	0.00	0.00	0.00
18,700.0	89.94	359.50	9,682.8	9,134.9	-255.5	9,138.5	0.00	0.00	0.00
18,800.0	89.94	359.50	9,682.9	9,234.9	-256.4	9,238.5	0.00	0.00	0.00
18,900.0	89.94	359.50	9,683.0	9,334.9	-257.3	9,338.4	0.00	0.00	0.00
19,000.0	89.94	359.50	9,683.1	9,434.9	-258.2	9,438.4	0.00	0.00	0.00
19,100.0	89.94	359.50	9,683.2	9,534.9	-259.1	9,538.4	0.00	0.00	0.00
19,200.0	89.94	359.50	9,683.3	9,634.9	-260.0	9,638.4	0.00	0.00	0.00
19,300.0	89.94	359.50	9,683.4	9,734.9	-260.8	9,738.4	0.00	0.00	0.00
19,400.0	89.94	359.50	9,683.5	9,834.9	-261.7	9,838.4	0.00	0.00	0.00
19,500.0	89.94	359.50	9,683.6	9,934.9	-262.6	9,938.4	0.00	0.00	0.00
19,600.0	89.94	359.50	9,683.7	10,034.9	-263.5	10,038.3	0.00	0.00	0.00
19,700.0	89.94	359.50	9,683.8	10,134.9	-264.4	10,138.3	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B1PA FED COM 2H - Slot 2H
Company:	Mewbourne Oil Company	TVD Reference:	3412+27 @ 3439.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3412+27 @ 3439.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B1PA FED COM 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
19,800.0	89.94	359.50	9,683.9	10,234.9	-265.2	10,238.3	0.00	0.00	0.00
19,886.1	89.94	359.50	9,684.0	10,321.0	-266.0	10,324.4	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
- hit/miss target									
- Shape									
IBEX 15-10 B1PA FEI	0.00	0.00	0.0	0.0	0.0	473,175.40	814,187.10	32° 17' 51.879 N	103° 27' 1.040 W
- plan misses target center by 1160.3usft at 1161.0usft MD (1159.9 TVD, -7.2 N, -28.8 E)									
- Point									
IBEX 15-10 B1PA FEI	0.00	0.00	9,196.5	-131.3	-173.9	473,044.14	814,013.22	32° 17' 50.594 N	103° 27' 3.079 W
- plan misses target center by 7.9usft at 9200.6usft MD (9194.5 TVD, -123.6 N, -174.0 E)									
- Point									
IBEX 15-10 B1PA FEI	0.00	0.00	9,674.0	345.7	-178.1	473,521.10	814,009.00	32° 17' 55.314 N	103° 27' 3.082 W
- plan misses target center by 8.3usft at 9910.8usft MD (9665.7 TVD, 346.5 N, -178.1 E)									
- Point									
IBEX 15-10 B1PA FEI	0.00	0.00	9,674.0	328.7	-177.9	473,504.12	814,009.18	32° 17' 55.146 N	103° 27' 3.082 W
- plan misses target center by 11.4usft at 9895.9usft MD (9663.0 TVD, 331.8 N, -178.0 E)									
- Point									
IBEX 15-10 B1PA FEI	0.00	0.00	9,684.0	10,321.0	-266.0	483,496.40	813,921.10	32° 19' 34.024 N	103° 27' 3.149 W
- plan hits target center									
- Point									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
19,886.1	9,684.0	20" Casing	20	24

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,080.8	1,080.0	Rustler			
1,401.8	1,400.0	Salt Top			
5,061.9	5,060.0	Delaware (Lamar)			
8,545.4	8,540.0	Bone Spring			
9,768.6	9,625.0	1st Bone Spring Sand			



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well IBEX 15/10 B1PA FED COM 2H - Slot 2H
Company:	Mewbourne Oil Company	TVD Reference:	3412+27 @ 3439.0usft (Pat560)
Project:	Lea County, NM (NAD83) NMEZ Grid	MD Reference:	3412+27 @ 3439.0usft (Pat560)
Site:	IBEX	North Reference:	Grid
Well:	IBEX 15/10 B1PA FED COM 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #3		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,161.0	1,159.9	-7.2	-28.8	Tie-in, Begin 1.00°/100' Drop
1,701.0	1,699.1	-15.6	-52.8	Begin Vertical Hold
5,101.9	5,100.0	-15.6	-52.8	Begin 1.00°/100' Build
5,365.6	5,363.6	-19.8	-57.2	Hold 2.64° INC and %AZM%° AZM
8,742.0	8,736.4	-127.1	-169.5	Begin 1.00°/100' Drop
9,005.7	9,000.0	-131.3	-173.9	Begin Vertical Hold
9,106.4	9,100.7	-131.3	-173.9	Begin 10.00°/100' Build
10,005.8	9,673.7	441.0	-178.9	Begin 89.94° Lateral
19,886.1	9,684.0	10,321.0	-266.0	PBHL

Intent ☒ As Drilled ☐

API # 30-025-47060		
Operator Name: Mewbourne Oil Co.	Property Name: Ibex 15/10 B1PA Fed Com	Well Number 2H

Kick Off Point (KOP)

UL P	Section 15	Township 23S	Range 34E	Lot	Feet 11	From N/S S	Feet 446	From E/W E	County Lea
Latitude 32.2973921					Longitude -103.4508442				NAD 83

First Take Point (FTP)

UL P	Section 15	Township 23S	Range 34E	Lot	Feet 422	From N/S S	Feet 447	From E/W E	County Lea
Latitude 32.2985213					Longitude -103.4508478				NAD 83

Last Take Point (LTP)

UL A	Section 10	Township 23S	Range 34E	Lot	Feet 1581	From N/S N	Feet 438	From E/W E	County Lea
Latitude 32.3220459					Longitude -103.450835				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ NIs this well an infill well? ☐ Y

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

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

KZ 06/29/2018



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

Sundry Print Report

01/27/2021

Well Name: IBEX 15/10 B1PA FED COM	Well Location: T23S / R34E / SEC 15 / SESE / 32.2977431 / -103.4502893	County or Parish/State: LEA / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM013641, NMNM13641	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547060	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: 01/26/2021 Time Sundry Submitted: 06:44
Date Operation Actually Began: 12/01/2020

Actual Procedure: 12/10/2020 Frac horizontal Bone Spring from 9825' MD to 18394' w/17563056 gals slickwater, carrying 17123824# local 100 mesh sand. Flowback well for cleanup. 12/21/2020 Drill out frac plugs to PBTD @ 18409'. 12/28/2020 PWOL. FORMATION TOPS: Rustler 1059', T/Salt 1377', B/Salt 4713, Delaware Lamar 5021', Manzanita 6174', Bone Spring 8526', 1st Bone Spring 9635'. REQUEST FOR OCD EXTENSION OF TIME TO FILE BLM APPROVED FORM 3160-4. WE ARE ASKING FOR AN EXEMPTION FROM TUBING AT THIS TIME.

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 26, 2021 06:44 AM

Name: MEWBOURNE OIL COMPANY

Title: Regulatory

Street Address: PO Box 5270

City: Hobbs

State: NM

Phone: (575) 393-5905

Email address:

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

Well Name: IBEX 15/10 B1PA FED COM	Well Location: T23S / R34E / SEC 15 / SESE / 32.2977431 / -103.4502893	County or Parish/State: LEA / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM013641, NMNM13641	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547060	Well Status: Approved Application for Permit to Drill	Operator: MEWBOURNE OIL COMPANY

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Accepted

Disposition Date: 01/27/2021

Signature: Jonathon Shepard

CONFIDENTIAL



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

Well Completion Print Report

01/28/2021

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B1PA FED COM County LEA	Well Number 2H State NM	US Well Number 3002547060 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 10400046167

Section 1 - General

Well Completion Report Id: 32828

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: 08-30-2020

Date Total Measured Depth Reached: 09-21-2020

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	OTHER	Topsoil	-6214	27	27	NONE	
RUSTLER	ANHYDRITE, DOLOMITE		2359	1080	1080	NONE	

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B1PA FED COM County LEA	Well Number 2H State NM	US Well Number 3002547060 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 10400046167

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
TOP SALT	SALT		2039	1400	1400	NONE	
LAMAR	LIMESTONE		-1621	5060	5060	NATURAL GAS, OIL	
BONE SPRING	SANDSTONE, SHALE		-14754	8540	8540	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6186	9625	9625	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 A ZONE	9825	18394	Y	.5	1908	OPEN

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	418168		Frac Bone Spring w/17563056 slickwater,

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B1PA FED COM	Well Number 2H	US Well Number 3002547060
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 10400046167

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
							carrying 17123824# 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		.8518	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 Shut-In (psi)	Casing Pressure (psi)
00	X1	1		25	169	334	2587	1966	23/64		1100

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B1PA FED COM County LEA	Well Number 2H State NM	US Well Number 3002547060 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 10400046167

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/Lo/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.2977442	-103.4502889	-6214	FEDERAL	NMNM013641				140	FSL	275	FEL	23S	34E	15	SESE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.2973921	-103.4508442	-15305	FEDERAL	NMNM013641				11	FSL	446	FEL	23S	34E	15	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3119029	-103.4508498	-15884	FEDERAL	NMNM013641				0	FSL	444	FEL	23S	34E	10	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3046175	-103.4508192	-15894	FEDERAL	NMNM013838				2650	FNL	437	FEL	23S	34E	15	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3155339	-103.4508318	-15897	FEDERAL	NMNM035164				1321	FSL	438	FEL	23S	34E	10	NESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.2985213	-103.4508478	-15847	FEDERAL	NMNM013641				422	FSL	447	FEL	23S	34E	15	SESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3220459	-103.450835	-15898	FEDERAL	NMNM035164				1581	FNL	438	FEL	23S	34E	10	NENE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3261558	-103.4510357	-15907	FEDERAL	NMNM035164				86	FNL	499	FEL	23S	34E	10	NENE

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B1PA FED COM	Well Number 2H	US Well Number 3002547060
	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 10400046167

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	1304	13.375	54.5	J-55		ST&C		
00	INTERMEDIATE	12.25	0	5000	9.625	40	HCL-80		LT&C		
00	PRODUCTION	8.75	0	10040	7.0	29	HCP-110		LT&C		
00	LINER	6.125	7646	18450	4.5	13.5	HCP-110		OTHER	BPN	

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 (bbbls)
00	SURFACE		Class C	925	1.74	0	Class C	200	1.34	918	334.4
00	INTERMEDIATE		Class C	975	2.2	0	Class C	200	1.33	4150	429.4
00	PRODUCTION		Class C	250	3.18	3000	Class H	400	1.18	6893	225.7
00	LINER		Poz H	850	1.74	7646				925	263.4

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B1PA FED COM	Well Number 2H	US Well Number 3002547060
	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 10400046167

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 B1PA FED COM County LEA	Well Number 2H State NM	US Well Number 3002547060 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 10400046167

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: 01/26/2021

Street Address: P O BOX 5270

City: HOBBS

State: NM

Zip: 88241

Phone: (505)393-5905

Email address:

Field Representative

Representative Name: Jackie Lathan

Street Address: PO Box 5270

City: Hobbs

State: NM

Zip: 88240

Phone: (575)393-5905

Extension: 5002

Email address: jlathan@mewbourne.com

Attachments

IBEX_15_10_B1PA_Fed_Com__20210121143155

IBEX_15_10_B1PA_Fed_Com__20210121143235

IBEX_15_10_B1PA_Fed_Com__20210121143306

IBEX_15_10_B1PA_FED_COM_2H_5in_Final_20210121143609.pdf

20210126072517_20210126062511.pdf

Operator Name MEWBOURNE OIL COMPANY SHL SESE Sec 15 23S 34E	Well Name IBEX 15/10 B1PA FED COM County LEA	Well Number 2H State NM	US Well Number 3002547060 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 10400046167

Attachments

IBEX_15_10_B1PA_Fed_Com__20210121143155
IBEX_15_10_B1PA_Fed_Com__20210121143235
IBEX_15_10_B1PA_Fed_Com__20210121143306
IBEX_15_10_B1PA_FED_COM_2H_5in_Final_20210121143609.pdf
20210126072517_20210126062511.pdf

Mewbourne Oil Company**Well Name: Ibex 15/10 B1, PA Fed Com #2H (Current Schematic)****Updated by: Andy Taylor****Spud Date: 8/30/2020****Date Updated: 1/25/2021****Surface**

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

Set @ 1304'

Cmt w/ 1125 sx

Circ. 161 sx to pit

Intermediate

12 1/4" x 9 1/4" 36 & 40# J55 & HCL80

Set @ 5000'

Cmt w/ 1175 sx

Circ. 15 sx to pit

Production

8 3/4" x 7" 29# HCP110

Set @ 10,040'

Cmt w/ 650 sx

TOC @ 3000' (calc.)

Liner

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

Set @ 7646' - 18,450'

KOP @ 9101'
Dev @ KOP: 0.3°TVD @ 9693'
TD 6 1/8" hole @ 19,891'

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 16251

CONDITIONS OF APPROVAL

Operator:	MEWBOURNE OIL CO	P.O. Box 5270	Hobbs, NM88241	OGRID:	14744	Action Number:	16251	Action Type:	C-104C
OCD Reviewer									Condition
plmartinez									None