



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

Sundry Print Report

08/05/2021

Well Name: FORTY NINER RIDGE UNIT	Well Location: T23S / R30E / SEC 22 / LOT O / 32.2833902 / -103.8667556	County or Parish/State: EDDY / NM
Well Number: 115H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0531277	Unit or CA Name: FORTY NINER RIDGE UNIT	Unit or CA Number: NMNM70951X
US Well Number: 3001547443	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Other

Date Sundry Submitted: 06/10/2021

Time Sundry Submitted: 03:59

Date proposed operation will begin: 06/10/2021

Procedure Description: Mewbourne Oil Company request approval to make the following changes to the approved APD: Change BHL from 330' FNL & 1800' FEL Sec 15, T23S, R30E to 20' FNL & 2540' FEL Sec 15, T23S, R30E. Change casing and cement design as detailed in the attachment. Change pool from Purple Sage; Wolfcamp (GAS) (98220) to Forty Niner Ridge; Bonespring (24720) Please contact Mike Loy with any questions or concerns.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Forty_Niner_Ridge_Unit_115H_Csg_Assumptions_20210610155728.doc

Forty_Niner_Ridge_Unit_115H_Dir_Plot_20210610155727.pdf

Forty_Niner_Ridge_Unit_115H_Dir_Plan_20210610155727.pdf

Forty_Niner_Ridge_Unit_115H_C102_signed_20210610155727.pdf

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US Well Number: 3001547443	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Conditions of Approval**Specialist Review**

FORTY_NINER_RIDGE_UNIT_115H_Sundry_2502971_Drilling_COA_OTA_20210611020039.pdf

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: BRADLEY BISHOP

Signed on: JUN 10, 2021 03:58 PM

Name: MEWBOURNE OIL COMPANY

Title: Regulatory

Street Address: PO Box 5270

City: Hobbs

State: NM

Phone: (575) 393-5905

Email address: bbishop@mewbourne.com

Field Representative

Representative Name: Mike Loy

Street Address:

City: Hobbs

State: NM

Zip: 88242

Phone: (575)263-4941

Email address: mloy@mewbourne.com

BLM Point of Contact

BLM POC Name: AJIBOLA OLABODE

BLM POC Title: Engineer

BLM POC Phone: 5752342231

BLM POC Email Address: OAJIBOLAEIT@BLM.GOV

Disposition: Approved

Disposition Date: 06/11/2021

Signature: Olabode Thomas Ajibola

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

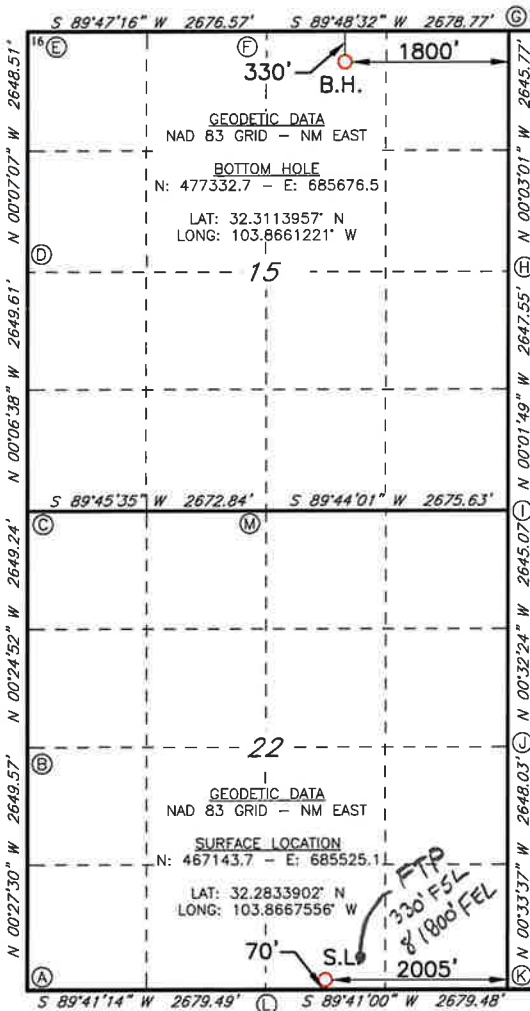
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47443		² Pool Code 24720		³ Pool Name Forty Niner Ridge i Bone spring	
⁴ Property Code		⁵ Property Name FORTY NINER RIDGE UNIT			⁶ Well Number 115H
⁷ GRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3270'
¹⁰ Surface Location					
UL or lot no. 0	Section 22	Township 23S	Range 30E	Lot Idn.	Feet from the 70
				North/South line SOUTH	Feet From the 2005
				East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. B	Section 15	Township 23S	Range 30E	Lot Idn.	Feet from the 330
				North/South line NORTH	Feet from the 1800
				East/West line EAST	County EDDY
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code	
				¹⁵ Order No.	

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.



CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1942"
N: 467055.4 - E: 682172.6

B: FOUND BRASS CAP "1942"
N: 469704.3 - E: 682151.4

C: FOUND BRASS CAP "1942"
N: 472352.8 - E: 682132.3

D: FOUND BRASS CAP "1942"
N: 475001.9 - E: 682127.2

E: FOUND BRASS CAP "1942"
N: 477649.8 - E: 682121.7

F: FOUND BRASS CAP "1942"
N: 477659.7 - E: 684797.6

G: FOUND BRASS CAP "1942"
N: 477668.6 - E: 687475.8

H: FOUND BRASS CAP "1942"
N: 475023.4 - E: 687478.1

I: FOUND BRASS CAP "1942"
N: 472376.5 - E: 687479.5

J: FOUND BRASS CAP "1942"
N: 469732.1 - E: 687504.4

K: FOUND BRASS CAP "1942"
N: 467084.8 - E: 687530.3

L: FOUND BRASS CAP "1942"
N: 467070.0 - E: 684851.5

M: FOUND BRASS CAP "1942"
N: 472364.0 - E: 684804.5

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.

Signature: *Michael Loy* Date: **08-16-21**
Printed Name: **Michael Loy**
E-mail Address: **mloy@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.

1-08-2019

Date of Survey

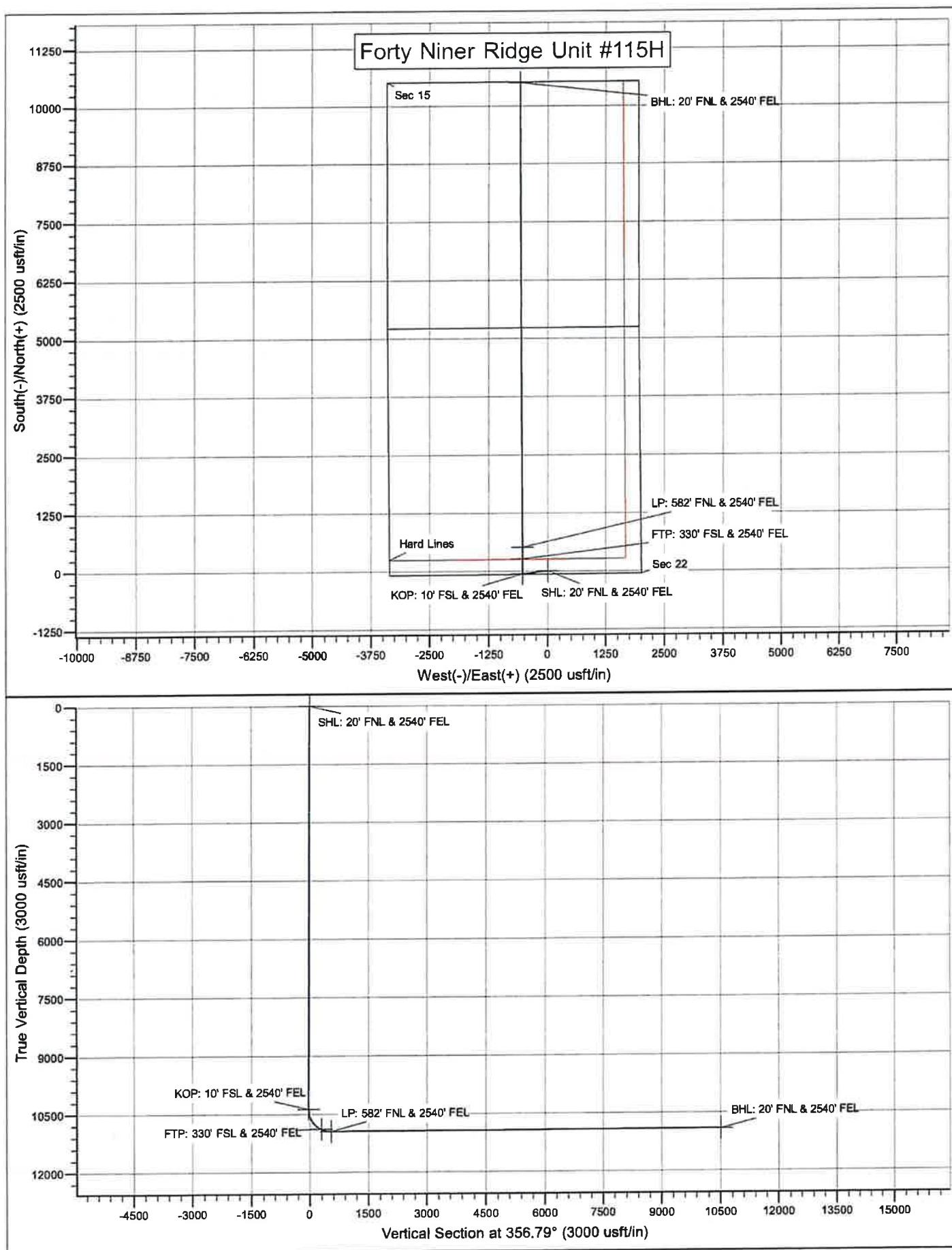
Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC-Job No: LS19010035



Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Forty Niner Ridge Unit #115H

Sec 22, T23S, R30E

SHL: 70' FSL & 2005' FEL

BHL: 20' FNL & 2540' FEL

Plan: Design #1

Standard Planning Report

09 June, 2021

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Forty Niner Ridge Unit #115H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3297.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3297.0usft (Original Well Elev)
Site:	Forty Niner Ridge Unit #115H	North Reference:	Grid
Well:	Sec 22, T23S, R30E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 20' FNL & 2540' FEL		
Design:	Design #1		

Project	Eddy County, New Mexico NAD 83		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Forty Niner Ridge Unit #115H			
Site Position:		Northing:	467,143.70 usft	Latitude: 32.2833902
From:	Map	Easting:	685,525.10 usft	Longitude: -103.8667556
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	

Well	Sec 22, T23S, R30E			
Well Position	+N/-S	0.0 usft	Northing:	467,143.70 usft
	+E/-W	0.0 usft	Easting:	685,525.10 usft
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,298.0 usft
Grid Convergence:		0.25 "	Ground Level:	3,270.0 usft

Wellbore	BHL: 20' FNL & 2540' FEL				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.29	60.10	48,241.95554361

Design	Design #1			
Audit Notes:				
Version:		Phase:	PROTOTYPE	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	356.79

Plan Survey Tool Program	Date 6/7/2021			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	21,275.9	Design #1 (BHL: 20' FNL & 2540')	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Builde Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
425.0	0.00	0.00	425.0	0.0	0.0	0.00	0.00	0.00	0.00	
582.4	3.15	263.29	582.3	-0.5	-4.3	2.00	2.00	0.00	263.29	
10,232.4	3.15	263.29	10,217.7	-62.4	-530.6	0.00	0.00	0.00	0.00	
10,389.8	0.00	0.00	10,375.0	-63.0	-534.9	2.00	-2.00	0.00	180.00	KOP: 10' FSL & 2540'
11,291.5	90.17	359.70	10,948.0	511.7	-537.8	10.00	10.00	0.00	-0.30	
21,275.9	90.17	359.70	10,918.0	10,496.0	-589.3	0.00	0.00	0.00	0.00	BHL: 20' FNL & 2540'

Planning Report

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Site:	Forty Niner Ridge Unit #115H	North Reference:	Grid
Well:	Sec 22, T23S, R30E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 20' FNL & 2540' FEL		
Design:	Design #1		

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL: 20' FNL & 2540' FEL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
425.0	0.00	0.00	425.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	1.50	263.29	500.0	-0.1	-1.0	-0.1	2.00	2.00	0.00
582.4	3.15	263.29	582.3	-0.5	-4.3	-0.3	2.00	2.00	0.00
600.0	3.15	263.29	599.9	-0.6	-5.3	-0.3	0.00	0.00	0.00
700.0	3.15	263.29	699.7	-1.3	-10.7	-0.7	0.00	0.00	0.00
800.0	3.15	263.29	799.6	-1.9	-16.2	-1.0	0.00	0.00	0.00
900.0	3.15	263.29	899.4	-2.5	-21.6	-1.3	0.00	0.00	0.00
1,000.0	3.15	263.29	999.3	-3.2	-27.1	-1.7	0.00	0.00	0.00
1,100.0	3.15	263.29	1,099.1	-3.8	-32.5	-2.0	0.00	0.00	0.00
1,200.0	3.15	263.29	1,199.0	-4.5	-38.0	-2.3	0.00	0.00	0.00
1,300.0	3.15	263.29	1,298.8	-5.1	-43.4	-2.7	0.00	0.00	0.00
1,400.0	3.15	263.29	1,398.7	-5.8	-48.9	-3.0	0.00	0.00	0.00
1,500.0	3.15	263.29	1,498.5	-6.4	-54.3	-3.3	0.00	0.00	0.00
1,600.0	3.15	263.29	1,598.4	-7.0	-59.8	-3.7	0.00	0.00	0.00
1,700.0	3.15	263.29	1,698.2	-7.7	-65.2	-4.0	0.00	0.00	0.00
1,800.0	3.15	263.29	1,798.1	-8.3	-70.7	-4.3	0.00	0.00	0.00
1,900.0	3.15	263.29	1,897.9	-9.0	-76.2	-4.7	0.00	0.00	0.00
2,000.0	3.15	263.29	1,997.8	-9.6	-81.6	-5.0	0.00	0.00	0.00
2,100.0	3.15	263.29	2,097.6	-10.2	-87.1	-5.4	0.00	0.00	0.00
2,200.0	3.15	263.29	2,197.5	-10.9	-92.5	-5.7	0.00	0.00	0.00
2,300.0	3.15	263.29	2,297.3	-11.5	-98.0	-6.0	0.00	0.00	0.00
2,400.0	3.15	263.29	2,397.2	-12.2	-103.4	-6.4	0.00	0.00	0.00
2,500.0	3.15	263.29	2,497.0	-12.8	-108.9	-6.7	0.00	0.00	0.00
2,600.0	3.15	263.29	2,596.9	-13.5	-114.3	-7.0	0.00	0.00	0.00
2,700.0	3.15	263.29	2,696.7	-14.1	-119.8	-7.4	0.00	0.00	0.00
2,800.0	3.15	263.29	2,796.6	-14.7	-125.2	-7.7	0.00	0.00	0.00
2,900.0	3.15	263.29	2,896.4	-15.4	-130.7	-8.0	0.00	0.00	0.00
3,000.0	3.15	263.29	2,996.3	-16.0	-136.1	-8.4	0.00	0.00	0.00
3,100.0	3.15	263.29	3,096.1	-16.7	-141.6	-8.7	0.00	0.00	0.00
3,200.0	3.15	263.29	3,196.0	-17.3	-147.1	-9.0	0.00	0.00	0.00
3,300.0	3.15	263.29	3,295.8	-17.9	-152.5	-9.4	0.00	0.00	0.00
3,400.0	3.15	263.29	3,395.7	-18.6	-158.0	-9.7	0.00	0.00	0.00
3,500.0	3.15	263.29	3,495.5	-19.2	-163.4	-10.0	0.00	0.00	0.00
3,600.0	3.15	263.29	3,595.4	-19.9	-168.9	-10.4	0.00	0.00	0.00
3,700.0	3.15	263.29	3,695.2	-20.5	-174.3	-10.7	0.00	0.00	0.00
3,800.0	3.15	263.29	3,795.1	-21.2	-179.8	-11.0	0.00	0.00	0.00
3,900.0	3.15	263.29	3,894.9	-21.8	-185.2	-11.4	0.00	0.00	0.00
4,000.0	3.15	263.29	3,994.8	-22.4	-190.7	-11.7	0.00	0.00	0.00
4,100.0	3.15	263.29	4,094.6	-23.1	-196.1	-12.1	0.00	0.00	0.00
4,200.0	3.15	263.29	4,194.5	-23.7	-201.6	-12.4	0.00	0.00	0.00
4,300.0	3.15	263.29	4,294.3	-24.4	-207.0	-12.7	0.00	0.00	0.00
4,400.0	3.15	263.29	4,394.2	-25.0	-212.5	-13.1	0.00	0.00	0.00
4,500.0	3.15	263.29	4,494.0	-25.7	-218.0	-13.4	0.00	0.00	0.00
4,600.0	3.15	263.29	4,593.9	-26.3	-223.4	-13.7	0.00	0.00	0.00
4,700.0	3.15	263.29	4,693.7	-26.9	-228.9	-14.1	0.00	0.00	0.00
4,800.0	3.15	263.29	4,793.6	-27.6	-234.3	-14.4	0.00	0.00	0.00
4,900.0	3.15	263.29	4,893.4	-28.2	-239.8	-14.7	0.00	0.00	0.00
5,000.0	3.15	263.29	4,993.3	-28.9	-245.2	-15.1	0.00	0.00	0.00

Planning Report

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Wellbore:	BHL: 20' FNL & 2540' FEL		
Design:	Design #1		

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)	
5,100.0	3.15	263.29	5,093.1	-29.5	-250.7	-15.4	0.00	0.00	0.00	
5,200.0	3.15	263.29	5,193.0	-30.1	-256.1	-15.7	0.00	0.00	0.00	
5,300.0	3.15	263.29	5,292.8	-30.8	-261.6	-16.1	0.00	0.00	0.00	
5,400.0	3.15	263.29	5,392.7	-31.4	-267.0	-16.4	0.00	0.00	0.00	
5,500.0	3.15	263.29	5,492.5	-32.1	-272.5	-16.7	0.00	0.00	0.00	
5,600.0	3.15	263.29	5,592.3	-32.7	-277.9	-17.1	0.00	0.00	0.00	
5,700.0	3.15	263.29	5,692.2	-33.4	-283.4	-17.4	0.00	0.00	0.00	
5,800.0	3.15	263.29	5,792.0	-34.0	-288.9	-17.8	0.00	0.00	0.00	
5,900.0	3.15	263.29	5,891.9	-34.6	-294.3	-18.1	0.00	0.00	0.00	
6,000.0	3.15	263.29	5,991.7	-35.3	-299.8	-18.4	0.00	0.00	0.00	
6,100.0	3.15	263.29	6,091.6	-35.9	-305.2	-18.8	0.00	0.00	0.00	
6,200.0	3.15	263.29	6,191.4	-36.6	-310.7	-19.1	0.00	0.00	0.00	
6,300.0	3.15	263.29	6,291.3	-37.2	-316.1	-19.4	0.00	0.00	0.00	
6,400.0	3.15	263.29	6,391.1	-37.8	-321.6	-19.8	0.00	0.00	0.00	
6,500.0	3.15	263.29	6,491.0	-38.5	-327.0	-20.1	0.00	0.00	0.00	
6,600.0	3.15	263.29	6,590.8	-39.1	-332.5	-20.4	0.00	0.00	0.00	
6,700.0	3.15	263.29	6,690.7	-39.8	-337.9	-20.8	0.00	0.00	0.00	
6,800.0	3.15	263.29	6,790.5	-40.4	-343.4	-21.1	0.00	0.00	0.00	
6,900.0	3.15	263.29	6,890.4	-41.1	-348.9	-21.4	0.00	0.00	0.00	
7,000.0	3.15	263.29	6,990.2	-41.7	-354.3	-21.8	0.00	0.00	0.00	
7,100.0	3.15	263.29	7,090.1	-42.3	-359.8	-22.1	0.00	0.00	0.00	
7,200.0	3.15	263.29	7,189.9	-43.0	-365.2	-22.4	0.00	0.00	0.00	
7,300.0	3.15	263.29	7,289.8	-43.6	-370.7	-22.8	0.00	0.00	0.00	
7,400.0	3.15	263.29	7,389.6	-44.3	-376.1	-23.1	0.00	0.00	0.00	
7,500.0	3.15	263.29	7,489.5	-44.9	-381.6	-23.4	0.00	0.00	0.00	
7,600.0	3.15	263.29	7,589.3	-45.6	-387.0	-23.8	0.00	0.00	0.00	
7,700.0	3.15	263.29	7,689.2	-46.2	-392.5	-24.1	0.00	0.00	0.00	
7,800.0	3.15	263.29	7,789.0	-46.8	-397.9	-24.5	0.00	0.00	0.00	
7,900.0	3.15	263.29	7,888.9	-47.5	-403.4	-24.8	0.00	0.00	0.00	
8,000.0	3.15	263.29	7,988.7	-48.1	-408.8	-25.1	0.00	0.00	0.00	
8,100.0	3.15	263.29	8,088.6	-48.8	-414.3	-25.5	0.00	0.00	0.00	
8,200.0	3.15	263.29	8,188.4	-49.4	-419.8	-25.8	0.00	0.00	0.00	
8,300.0	3.15	263.29	8,288.3	-50.0	-425.2	-26.1	0.00	0.00	0.00	
8,400.0	3.15	263.29	8,388.1	-50.7	-430.7	-26.5	0.00	0.00	0.00	
8,500.0	3.15	263.29	8,488.0	-51.3	-436.1	-26.8	0.00	0.00	0.00	
8,600.0	3.15	263.29	8,587.8	-52.0	-441.6	-27.1	0.00	0.00	0.00	
8,700.0	3.15	263.29	8,687.7	-52.6	-447.0	-27.5	0.00	0.00	0.00	
8,800.0	3.15	263.29	8,787.5	-53.3	-452.5	-27.8	0.00	0.00	0.00	
8,900.0	3.15	263.29	8,887.4	-53.9	-457.9	-28.1	0.00	0.00	0.00	
9,000.0	3.15	263.29	8,987.2	-54.5	-463.4	-28.5	0.00	0.00	0.00	
9,100.0	3.15	263.29	9,087.1	-55.2	-468.8	-28.8	0.00	0.00	0.00	
9,200.0	3.15	263.29	9,186.9	-55.8	-474.3	-29.1	0.00	0.00	0.00	
9,300.0	3.15	263.29	9,286.8	-56.5	-479.7	-29.5	0.00	0.00	0.00	
9,400.0	3.15	263.29	9,386.6	-57.1	-485.2	-29.8	0.00	0.00	0.00	
9,500.0	3.15	263.29	9,486.5	-57.7	-490.7	-30.2	0.00	0.00	0.00	
9,600.0	3.15	263.29	9,586.3	-58.4	-496.1	-30.5	0.00	0.00	0.00	
9,700.0	3.15	263.29	9,686.2	-59.0	-501.6	-30.8	0.00	0.00	0.00	
9,800.0	3.15	263.29	9,786.0	-59.7	-507.0	-31.2	0.00	0.00	0.00	
9,900.0	3.15	263.29	9,885.9	-60.3	-512.5	-31.5	0.00	0.00	0.00	
10,000.0	3.15	263.29	9,985.7	-61.0	-517.9	-31.8	0.00	0.00	0.00	
10,100.0	3.15	263.29	10,085.6	-61.6	-523.4	-32.2	0.00	0.00	0.00	
10,200.0	3.15	263.29	10,185.4	-62.2	-528.8	-32.5	0.00	0.00	0.00	
10,232.4	3.15	263.29	10,217.7	-62.4	-530.6	-32.6	0.00	0.00	0.00	
10,300.0	1.80	263.29	10,285.3	-62.8	-533.5	-32.8	2.00	-2.00	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Forty Niner Ridge Unit #115H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3297.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3297.0usft (Original Well Elev)
Site:	Forty Niner Ridge Unit #115H	North Reference:	Grid
Well:	Sec 22, T23S, R30E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 20' FNL & 2540' FEL		
Design:	Design #1		

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)
10,389.8	0.00	0.00	10,375.0	-63.0	-534.9	-32.9	2.00	-2.00	0.00
KOP: 10' FSL & 2540' FEL									
10,400.0	1.02	359.70	10,385.3	-62.9	-534.9	-32.8	10.00	10.00	0.00
10,450.0	6.02	359.70	10,435.2	-59.8	-534.9	-29.7	10.00	10.00	0.00
10,500.0	11.02	359.70	10,484.6	-52.4	-534.9	-22.3	10.00	10.00	0.00
10,550.0	16.02	359.70	10,533.2	-40.7	-535.0	-10.6	10.00	10.00	0.00
10,600.0	21.02	359.70	10,580.6	-24.8	-535.1	5.2	10.00	10.00	0.00
10,650.0	26.02	359.70	10,626.4	-4.9	-535.2	25.1	10.00	10.00	0.00
10,700.0	31.02	359.70	10,670.3	19.0	-535.3	49.0	10.00	10.00	0.00
10,720.7	33.10	359.70	10,687.9	30.0	-535.4	60.0	10.00	10.00	0.00
FTP: 100' FSL & 2540' FEL									
10,750.0	36.02	359.70	10,712.0	46.6	-535.5	76.6	10.00	10.00	0.00
10,800.0	41.02	359.70	10,751.1	77.7	-535.6	107.6	10.00	10.00	0.00
10,850.0	46.02	359.70	10,787.4	112.2	-535.8	142.0	10.00	10.00	0.00
10,900.0	51.02	359.70	10,820.5	149.6	-536.0	179.4	10.00	10.00	0.00
10,950.0	56.02	359.70	10,850.2	189.8	-536.2	219.6	10.00	10.00	0.00
11,000.0	61.02	359.70	10,876.3	232.4	-536.4	262.1	10.00	10.00	0.00
11,050.0	66.02	359.70	10,898.6	277.2	-536.6	306.8	10.00	10.00	0.00
11,100.0	71.02	359.70	10,916.9	323.7	-536.9	353.3	10.00	10.00	0.00
11,150.0	76.02	359.70	10,931.0	371.6	-537.1	401.1	10.00	10.00	0.00
11,200.0	81.02	359.70	10,941.0	420.6	-537.4	450.1	10.00	10.00	0.00
11,250.0	86.02	359.70	10,946.6	470.3	-537.6	499.7	10.00	10.00	0.00
11,291.5	90.17	359.70	10,948.0	511.7	-537.8	541.0	10.00	10.00	0.00
LP: 582' FNL & 2540' FEL									
11,300.0	90.17	359.70	10,948.0	520.2	-537.9	549.6	0.03	0.03	0.00
11,400.0	90.17	359.70	10,947.7	620.2	-538.4	649.4	0.00	0.00	0.00
11,500.0	90.17	359.70	10,947.4	720.2	-538.9	749.3	0.00	0.00	0.00
11,600.0	90.17	359.70	10,947.1	820.2	-539.4	849.2	0.00	0.00	0.00
11,700.0	90.17	359.70	10,946.8	920.2	-540.0	949.0	0.00	0.00	0.00
11,800.0	90.17	359.70	10,946.5	1,020.2	-540.5	1,048.9	0.00	0.00	0.00
11,900.0	90.17	359.70	10,946.2	1,120.2	-541.0	1,148.8	0.00	0.00	0.00
12,000.0	90.17	359.70	10,945.9	1,220.2	-541.5	1,248.7	0.00	0.00	0.00
12,100.0	90.17	359.70	10,945.6	1,320.2	-542.0	1,348.5	0.00	0.00	0.00
12,200.0	90.17	359.70	10,945.3	1,420.2	-542.5	1,448.4	0.00	0.00	0.00
12,300.0	90.17	359.70	10,945.0	1,520.2	-543.0	1,548.3	0.00	0.00	0.00
12,400.0	90.17	359.70	10,944.7	1,620.2	-543.6	1,648.1	0.00	0.00	0.00
12,500.0	90.17	359.70	10,944.4	1,720.2	-544.1	1,748.0	0.00	0.00	0.00
12,600.0	90.17	359.70	10,944.1	1,820.2	-544.6	1,847.9	0.00	0.00	0.00
12,700.0	90.17	359.70	10,943.8	1,920.2	-545.1	1,947.7	0.00	0.00	0.00
12,800.0	90.17	359.70	10,943.5	2,020.2	-545.6	2,047.6	0.00	0.00	0.00
12,900.0	90.17	359.70	10,943.2	2,120.2	-546.1	2,147.5	0.00	0.00	0.00
13,000.0	90.17	359.70	10,942.9	2,220.2	-546.7	2,247.4	0.00	0.00	0.00
13,100.0	90.17	359.70	10,942.6	2,320.2	-547.2	2,347.2	0.00	0.00	0.00
13,200.0	90.17	359.70	10,942.3	2,420.2	-547.7	2,447.1	0.00	0.00	0.00
13,300.0	90.17	359.70	10,942.0	2,520.2	-548.2	2,547.0	0.00	0.00	0.00
13,400.0	90.17	359.70	10,941.7	2,620.2	-548.7	2,646.8	0.00	0.00	0.00
13,500.0	90.17	359.70	10,941.4	2,720.2	-549.2	2,746.7	0.00	0.00	0.00
13,600.0	90.17	359.70	10,941.1	2,820.2	-549.7	2,846.6	0.00	0.00	0.00
13,700.0	90.17	359.70	10,940.8	2,920.2	-550.3	2,946.4	0.00	0.00	0.00
13,800.0	90.17	359.70	10,940.5	3,020.2	-550.8	3,046.3	0.00	0.00	0.00
13,900.0	90.17	359.70	10,940.2	3,120.2	-551.3	3,146.2	0.00	0.00	0.00
14,000.0	90.17	359.70	10,939.9	3,220.2	-551.8	3,246.1	0.00	0.00	0.00
14,100.0	90.17	359.70	10,939.6	3,320.2	-552.3	3,345.9	0.00	0.00	0.00

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District IV

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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

COMMENTS

Action 42399

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 42399
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 8/20/2021	8/20/2021

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CONDITIONS

Action 42399

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	Action Number: 42399
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	8/20/2021