



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

Sundry Print Report

04/04/2022

Well Name: FULLER 14/23 W2KN FEDERAL COM	Well Location: T26S / R29E / SEC 14 / SWNW / 32.0422805 / -103.961604	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM 11038, NMNM11038	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001545610	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Notice of Intent**Sundry ID:** 2157179**Type of Submission:** Notice of Intent**Type of Action:** Other**Date Sundry Submitted:** 04/16/2021**Time Sundry Submitted:** 02:02**Date proposed operation will begin:** 04/16/2021

Procedure Description: Mewbourne Oil Company would like to change the well name from Fuller 14/11 W1ED Fed Com #2H to Fuller 14/23 W2KN Fed Com #1H, change BHL to 330' FSL & 1363' FWL, Sec 23, T26S, R28E. See attached for C102, directional plot & plan, casing/cmt design.

Surface Disturbance**Is any additional surface disturbance proposed?:** No**NOI Attachments****Procedure Description**

Fuller_14_23_W2KN_Fed_Com_1H_csg_assumptions_cmt_design_20210416140056.docx

FULLER_14_23_W2KN_FED_COM__20210416133929

Fuller_14_23_W2KN_Fed_Com_1H_Add_Info_20210416133904.pdf

Fuller_14_23_W2KN_Fed_Com_1H_Dir_plot_20210416133902.pdf

Fuller_14_23_W2KN_Fed_Com_1H_Dir_plan_20210416133902.pdf

Well Name: FULLER 14/23 W2KN FEDERAL COM	Well Location: T26S / R29E / SEC 14 / SWNW / 32.0422805 / -103.961604	County or Parish/State: EDDY / NM
Well Number: 1H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM 11038, NMNM11038	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001545610	Well Status: Drilling Well	Operator: MEWBOURNE OIL COMPANY

Conditions of Approval

Additional Reviews

FULLER_14_23_W2KN_FED_COM_1H_Sundry_2157179_COA_OTA_20210518133623.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:

Signed on:

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:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Phone: 5752342234

Disposition: Approved

Signature: Chris Walls

BLM POC Title: Petroleum Engineer

BLM POC Email Address: cwalls@blm.gov

Disposition Date: 06/08/2021

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

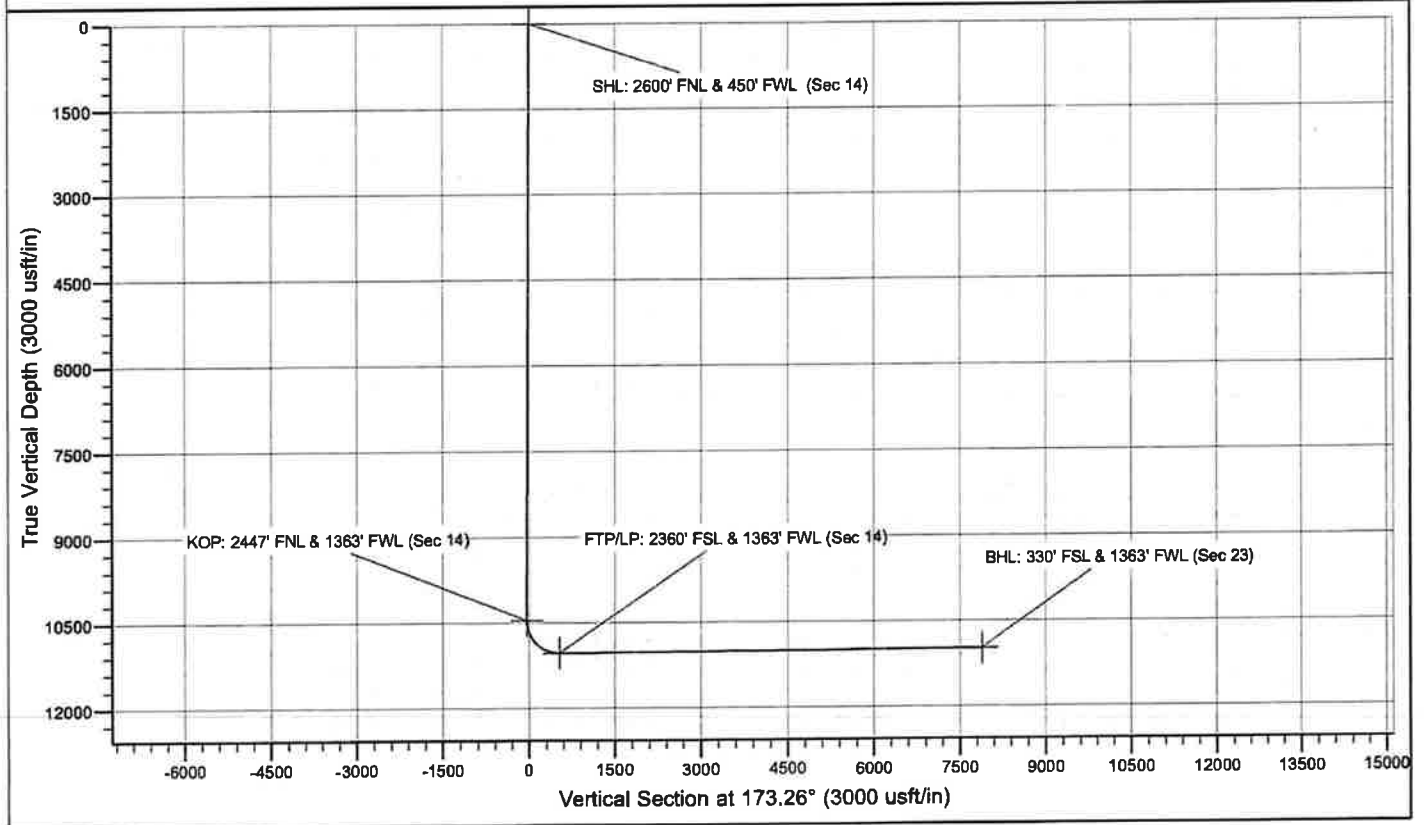
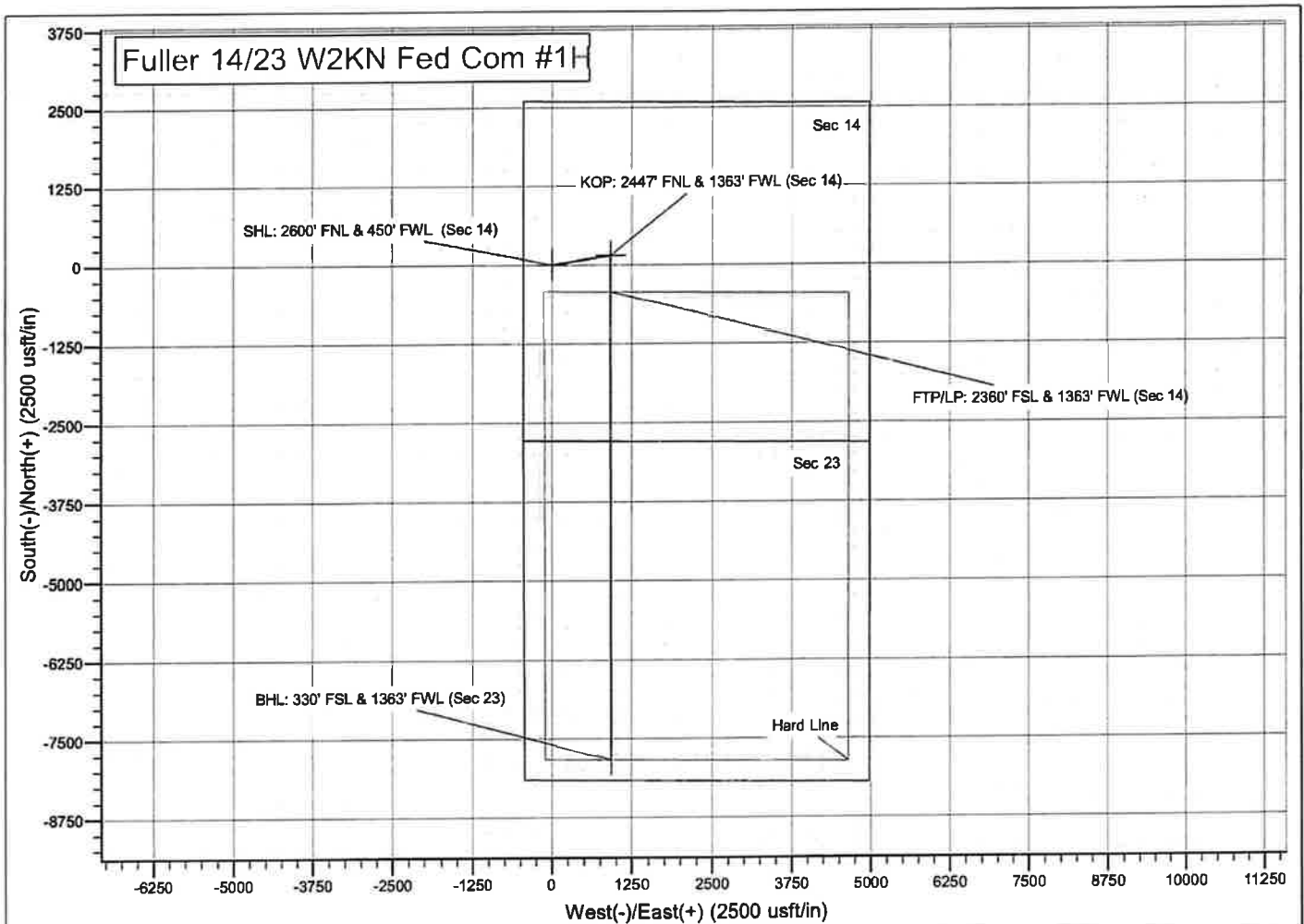
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-45610		2 Pool Code 98220		3 Pool Name Purple Sage; Wolfcamp	
4 Property Code		5 Property Name FULLER 14/23 W2KN FED COM			6 Well Number 1H
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 2937'
10 Surface Location					
UL or lot no. E	Section 14	Township 26S	Range 29E	Lot Idn 2600	Feet from the 450
			North/South line NORTH	East/West line WEST	County EDDY
11 Bottom Hole Location If Different From Surface					
UL or lot no. N	Section 23	Township 26S	Range 29E	Lot Idn 330	Feet from the 1363
			North/South line SOUTH	East/West line WEST	County EDDY
12 Dedicated Acres 480	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 "1940" N: 371167.4 - E: 656080.2 B: FOUND BRASS CAP "1940" N: 373856.1 - E: 656068.5 C: FOUND BRASS CAP "1940" N: 376539.9 - E: 656060.1 D: FOUND BRASS CAP "1940" N: 379229.8 - E: 656067.0 E: FOUND BRASS CAP "1940" N: 381920.7 - E: 656056.9 F: FOUND BRASS CAP "1940" N: 381901.5 - E: 658773.2 G: FOUND BRASS CAP "1940" N: 381882.4 - E: 661489.4 H: FOUND BRASS CAP "1940" N: 379187.8 - E: 661491.3 I: FOUND BRASS CAP "1940" N: 376497.1 - E: 661496.5 J: FOUND BRASS CAP "1940" N: 373802.7 - E: 661493.7 K: FOUND BRASS CAP "1940" N: 371124.3 - E: 661488.2 L: FOUND BRASS CAP "1940" N: 371145.6 - E: 658784.1 M: FOUND BRASS CAP "1940" N: 376518.6 - E: 658778.8	16 NAD 83 GRID - NM EAST SURFACE LOCATION N: 379317.6 - E: 656516.7 LAT: 32.0422790° N LONG: 103.9616038° W B.H. N: 371486.4 - E: 657441.5 LAT: 32.0207428° N LONG: 103.9587068° W 17 18	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: <u>Sackie Lathan</u> Date: <u>8-4-22</u> Printed Name: <u>Sackie Lathan</u> E-mail Address: <u>lathan@mewbourne.com</u> 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. 8-4-20 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number REV: NAME CHANGE/BH MOVE-4/8/21 Job No.: LS20080343R
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Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Fuller 14/23 W2KN Fed Com #1H

Sec 14, T26S, R29E

SHL: 2600' FNL & 450' FWL, Sec 14

BHL: 330' FSL & 1363' FWL, Sec 23

Plan: Design #1

Standard Planning Report

15 April, 2021

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #1H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1363' FWL, Sec 23		
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		Fuller 14/23 W2KN Fed Com #1H			
Site Position:		Northing:	379,318.00 usft	Latitude:	32.0422802
From:	Map	Easting:	656,517.00 usft	Longitude:	-103.9616027
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	

Well	Sec 14, T26S, R29E					
Well Position	+N/-S	0.0 usft	Northing:	379,318.00 usft	Latitude:	32.0422802
	+E/-W	0.0 usft	Easting:	656,517.00 usft	Longitude:	-103.9616027
Position Uncertainty		0.0 usft	Wellhead Elevation:	2,965.0 usft	Ground Level:	2,937.0 usft
Grid Convergence:	0.20 °					

Wellbore	BHL: 330' FSL & 1363' FWL, Sec 23				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.32	59.86	48,089.22711271

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	173.26	

Plan Survey Tool Program	Date 4/15/2021				
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	18,813.5	Design #1 (BHL: 330' FSL & 1363		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Buidl 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	
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,178.9	5.68	80.84	1,178.2	3.0	18.5	1.50	1.50	0.00	80.84	
10,128.4	5.68	80.84	10,083.8	144.0	893.5	0.00	0.00	0.00	0.00	
10,507.2	0.00	0.00	10,462.0	147.0	912.0	1.50	-1.50	0.00		180.00 KOP: 2447' FNL & 13
11,411.2	90.39	179.91	11,035.0	-429.9	912.9	10.00	10.00	0.00	179.91	
18,813.5	90.39	179.91	10,985.0	-7,832.0	925.0	0.00	0.00	0.00	0.00	BHL: 330' FSL & 1363

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #1H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1363' FWL, Sec 23		
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: 2600' FNL & 450' FWL (Sec 14)									
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
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	1.50	80.84	900.0	0.2	1.3	-0.1	1.50	1.50	0.00
1,000.0	3.00	80.84	999.9	0.8	5.2	-0.2	1.50	1.50	0.00
1,100.0	4.50	80.84	1,099.7	1.9	11.6	-0.5	1.50	1.50	0.00
1,178.9	5.68	80.84	1,178.2	3.0	18.5	-0.8	1.50	1.50	0.00
1,200.0	5.68	80.84	1,199.3	3.3	20.6	-0.9	0.00	0.00	0.00
1,300.0	5.68	80.84	1,298.8	4.9	30.4	-1.3	0.00	0.00	0.00
1,400.0	5.68	80.84	1,398.3	6.5	40.2	-1.7	0.00	0.00	0.00
1,500.0	5.68	80.84	1,497.8	8.0	49.9	-2.1	0.00	0.00	0.00
1,600.0	5.68	80.84	1,597.3	9.6	59.7	-2.6	0.00	0.00	0.00
1,700.0	5.68	80.84	1,696.8	11.2	69.5	-3.0	0.00	0.00	0.00
1,800.0	5.68	80.84	1,796.3	12.8	79.3	-3.4	0.00	0.00	0.00
1,900.0	5.68	80.84	1,895.8	14.4	89.0	-3.8	0.00	0.00	0.00
2,000.0	5.68	80.84	1,995.3	15.9	98.8	-4.2	0.00	0.00	0.00
2,100.0	5.68	80.84	2,094.9	17.5	108.6	-4.6	0.00	0.00	0.00
2,200.0	5.68	80.84	2,194.4	19.1	118.4	-5.1	0.00	0.00	0.00
2,300.0	5.68	80.84	2,293.9	20.7	128.1	-5.5	0.00	0.00	0.00
2,400.0	5.68	80.84	2,393.4	22.2	137.9	-5.9	0.00	0.00	0.00
2,500.0	5.68	80.84	2,492.9	23.8	147.7	-6.3	0.00	0.00	0.00
2,600.0	5.68	80.84	2,592.4	25.4	157.5	-6.7	0.00	0.00	0.00
2,700.0	5.68	80.84	2,691.9	27.0	167.2	-7.2	0.00	0.00	0.00
2,800.0	5.68	80.84	2,791.4	28.5	177.0	-7.6	0.00	0.00	0.00
2,900.0	5.68	80.84	2,890.9	30.1	186.8	-8.0	0.00	0.00	0.00
3,000.0	5.68	80.84	2,990.4	31.7	196.6	-8.4	0.00	0.00	0.00
3,100.0	5.68	80.84	3,089.9	33.3	206.4	-8.8	0.00	0.00	0.00
3,200.0	5.68	80.84	3,189.4	34.8	216.1	-9.2	0.00	0.00	0.00
3,300.0	5.68	80.84	3,289.0	36.4	225.9	-9.7	0.00	0.00	0.00
3,400.0	5.68	80.84	3,388.5	38.0	235.7	-10.1	0.00	0.00	0.00
3,500.0	5.68	80.84	3,488.0	39.6	245.5	-10.5	0.00	0.00	0.00
3,600.0	5.68	80.84	3,587.5	41.1	255.2	-10.9	0.00	0.00	0.00
3,700.0	5.68	80.84	3,687.0	42.7	265.0	-11.3	0.00	0.00	0.00
3,800.0	5.68	80.84	3,786.5	44.3	274.8	-11.8	0.00	0.00	0.00
3,900.0	5.68	80.84	3,886.0	45.9	284.6	-12.2	0.00	0.00	0.00
4,000.0	5.68	80.84	3,985.5	47.4	294.3	-12.6	0.00	0.00	0.00
4,100.0	5.68	80.84	4,085.0	49.0	304.1	-13.0	0.00	0.00	0.00
4,200.0	5.68	80.84	4,184.5	50.6	313.9	-13.4	0.00	0.00	0.00
4,300.0	5.68	80.84	4,284.0	52.2	323.7	-13.8	0.00	0.00	0.00
4,400.0	5.68	80.84	4,383.5	53.7	333.4	-14.3	0.00	0.00	0.00
4,500.0	5.68	80.84	4,483.1	55.3	343.2	-14.7	0.00	0.00	0.00
4,600.0	5.68	80.84	4,582.6	56.9	353.0	-15.1	0.00	0.00	0.00
4,700.0	5.68	80.84	4,682.1	58.5	362.8	-15.5	0.00	0.00	0.00
4,800.0	5.68	80.84	4,781.6	60.0	372.5	-15.9	0.00	0.00	0.00
4,900.0	5.68	80.84	4,881.1	61.6	382.3	-16.4	0.00	0.00	0.00
5,000.0	5.68	80.84	4,980.6	63.2	392.1	-16.8	0.00	0.00	0.00
5,100.0	5.68	80.84	5,080.1	64.8	401.9	-17.2	0.00	0.00	0.00

Planning Report

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Wellbore:	BHL: 330' FSL & 1363' FWL, Sec 23		
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)	
5,200.0	5.68	80.84	5,179.6	66.4	411.7	-17.6	0.00	0.00	0.00	
5,300.0	5.68	80.84	5,279.1	67.9	421.4	-18.0	0.00	0.00	0.00	
5,400.0	5.68	80.84	5,378.6	69.5	431.2	-18.4	0.00	0.00	0.00	
5,500.0	5.68	80.84	5,478.1	71.1	441.0	-18.9	0.00	0.00	0.00	
5,600.0	5.68	80.84	5,577.6	72.7	450.8	-19.3	0.00	0.00	0.00	
5,700.0	5.68	80.84	5,677.2	74.2	460.5	-19.7	0.00	0.00	0.00	
5,800.0	5.68	80.84	5,776.7	75.8	470.3	-20.1	0.00	0.00	0.00	
5,900.0	5.68	80.84	5,876.2	77.4	480.1	-20.5	0.00	0.00	0.00	
6,000.0	5.68	80.84	5,975.7	79.0	489.9	-21.0	0.00	0.00	0.00	
6,100.0	5.68	80.84	6,075.2	80.5	499.6	-21.4	0.00	0.00	0.00	
6,200.0	5.68	80.84	6,174.7	82.1	509.4	-21.8	0.00	0.00	0.00	
6,300.0	5.68	80.84	6,274.2	83.7	519.2	-22.2	0.00	0.00	0.00	
6,400.0	5.68	80.84	6,373.7	85.3	529.0	-22.6	0.00	0.00	0.00	
6,500.0	5.68	80.84	6,473.2	86.8	538.7	-23.0	0.00	0.00	0.00	
6,600.0	5.68	80.84	6,572.7	88.4	548.5	-23.5	0.00	0.00	0.00	
6,700.0	5.68	80.84	6,672.2	90.0	558.3	-23.9	0.00	0.00	0.00	
6,800.0	5.68	80.84	6,771.8	91.6	568.1	-24.3	0.00	0.00	0.00	
6,900.0	5.68	80.84	6,871.3	93.1	577.9	-24.7	0.00	0.00	0.00	
7,000.0	5.68	80.84	6,970.8	94.7	587.6	-25.1	0.00	0.00	0.00	
7,100.0	5.68	80.84	7,070.3	96.3	597.4	-25.6	0.00	0.00	0.00	
7,200.0	5.68	80.84	7,169.8	97.9	607.2	-26.0	0.00	0.00	0.00	
7,300.0	5.68	80.84	7,269.3	99.4	617.0	-26.4	0.00	0.00	0.00	
7,400.0	5.68	80.84	7,368.8	101.0	626.7	-26.8	0.00	0.00	0.00	
7,500.0	5.68	80.84	7,468.3	102.6	636.5	-27.2	0.00	0.00	0.00	
7,600.0	5.68	80.84	7,567.8	104.2	646.3	-27.6	0.00	0.00	0.00	
7,700.0	5.68	80.84	7,667.3	105.7	656.1	-28.1	0.00	0.00	0.00	
7,800.0	5.68	80.84	7,766.8	107.3	665.8	-28.5	0.00	0.00	0.00	
7,900.0	5.68	80.84	7,866.3	108.9	675.6	-28.9	0.00	0.00	0.00	
8,000.0	5.68	80.84	7,965.9	110.5	685.4	-29.3	0.00	0.00	0.00	
8,100.0	5.68	80.84	8,065.4	112.0	695.2	-29.7	0.00	0.00	0.00	
8,200.0	5.68	80.84	8,164.9	113.6	704.9	-30.2	0.00	0.00	0.00	
8,300.0	5.68	80.84	8,264.4	115.2	714.7	-30.6	0.00	0.00	0.00	
8,400.0	5.68	80.84	8,363.9	116.8	724.5	-31.0	0.00	0.00	0.00	
8,500.0	5.68	80.84	8,463.4	118.4	734.3	-31.4	0.00	0.00	0.00	
8,600.0	5.68	80.84	8,562.9	119.9	744.0	-31.8	0.00	0.00	0.00	
8,700.0	5.68	80.84	8,662.4	121.5	753.8	-32.2	0.00	0.00	0.00	
8,800.0	5.68	80.84	8,761.9	123.1	763.6	-32.7	0.00	0.00	0.00	
8,900.0	5.68	80.84	8,861.4	124.7	773.4	-33.1	0.00	0.00	0.00	
9,000.0	5.68	80.84	8,960.9	126.2	783.2	-33.5	0.00	0.00	0.00	
9,100.0	5.68	80.84	9,060.4	127.8	792.9	-33.9	0.00	0.00	0.00	
9,200.0	5.68	80.84	9,160.0	129.4	802.7	-34.3	0.00	0.00	0.00	
9,300.0	5.68	80.84	9,259.5	131.0	812.5	-34.8	0.00	0.00	0.00	
9,400.0	5.68	80.84	9,359.0	132.5	822.3	-35.2	0.00	0.00	0.00	
9,500.0	5.68	80.84	9,458.5	134.1	832.0	-35.6	0.00	0.00	0.00	
9,600.0	5.68	80.84	9,558.0	135.7	841.8	-36.0	0.00	0.00	0.00	
9,700.0	5.68	80.84	9,657.5	137.3	851.6	-36.4	0.00	0.00	0.00	
9,800.0	5.68	80.84	9,757.0	138.8	861.4	-36.9	0.00	0.00	0.00	
9,900.0	5.68	80.84	9,856.5	140.4	871.1	-37.3	0.00	0.00	0.00	
10,000.0	5.68	80.84	9,956.0	142.0	880.9	-37.7	0.00	0.00	0.00	
10,100.0	5.68	80.84	10,055.5	143.6	890.7	-38.1	0.00	0.00	0.00	
10,128.4	5.68	80.84	10,083.8	144.0	893.5	-38.2	0.00	0.00	0.00	
10,200.0	4.61	80.84	10,155.1	145.0	899.8	-38.5	1.50	-1.50	0.00	
10,300.0	3.11	80.84	10,254.9	146.1	906.5	-38.8	1.50	-1.50	0.00	
10,400.0	1.61	80.84	10,354.8	146.8	910.5	-39.0	1.50	-1.50	0.00	

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #1H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1363' FWL, Sec 23		
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)	Bulld Rate (°/100usft)	Turn Rate (°/100usft)
10,507.2	0.00	0.00	10,462.0	147.0	912.0	-39.0	1.50	-1.50	0.00
KOP: 2447' FNL & 1363' FWL (Sec 14)									
10,550.0	4.28	179.91	10,504.7	145.4	912.0	-37.4	10.00	10.00	0.00
10,600.0	9.28	179.91	10,554.4	139.5	912.0	-31.6	10.00	10.00	0.00
10,650.0	14.28	179.91	10,603.3	129.3	912.0	-21.4	10.00	10.00	0.00
10,700.0	19.28	179.91	10,651.2	114.9	912.1	-7.1	10.00	10.00	0.00
10,750.0	24.27	179.91	10,697.6	96.3	912.1	11.3	10.00	10.00	0.00
10,800.0	29.27	179.91	10,742.2	73.8	912.1	33.7	10.00	10.00	0.00
10,850.0	34.27	179.91	10,784.7	47.5	912.2	59.8	10.00	10.00	0.00
10,900.0	39.27	179.91	10,824.7	17.6	912.2	89.5	10.00	10.00	0.00
10,950.0	44.27	179.91	10,862.0	-15.7	912.3	122.6	10.00	10.00	0.00
11,000.0	49.27	179.91	10,896.2	-52.1	912.3	158.8	10.00	10.00	0.00
11,050.0	54.27	179.91	10,927.2	-91.4	912.4	197.8	10.00	10.00	0.00
11,100.0	59.27	179.91	10,954.6	-133.2	912.5	239.3	10.00	10.00	0.00
11,150.0	64.27	179.91	10,978.2	-177.3	912.5	283.1	10.00	10.00	0.00
11,200.0	69.27	179.91	10,997.9	-223.2	912.6	328.7	10.00	10.00	0.00
11,250.0	74.27	179.91	11,013.6	-270.7	912.7	375.8	10.00	10.00	0.00
11,300.0	79.27	179.91	11,025.0	-319.3	912.8	424.2	10.00	10.00	0.00
11,350.0	84.27	179.91	11,032.1	-368.8	912.8	473.3	10.00	10.00	0.00
11,400.0	89.27	179.91	11,035.0	-418.7	912.9	522.9	10.00	10.00	0.00
11,410.3	90.30	179.91	11,035.0	-429.0	912.9	533.1	10.00	10.00	0.00
FTP/LP: 2360' FSL & 1363' FWL (Sec 14)									
11,411.2	90.39	179.91	11,035.0	-429.9	912.9	534.0	10.00	10.00	0.00
11,500.0	90.39	179.91	11,034.4	-518.7	913.1	622.2	0.00	0.00	0.00
11,600.0	90.39	179.91	11,033.7	-618.7	913.2	721.5	0.00	0.00	0.00
11,700.0	90.39	179.91	11,033.0	-718.7	913.4	820.9	0.00	0.00	0.00
11,800.0	90.39	179.91	11,032.4	-818.7	913.6	920.2	0.00	0.00	0.00
11,900.0	90.39	179.91	11,031.7	-918.7	913.7	1,019.5	0.00	0.00	0.00
12,000.0	90.39	179.91	11,031.0	-1,018.7	913.9	1,118.8	0.00	0.00	0.00
12,100.0	90.39	179.91	11,030.3	-1,118.7	914.1	1,218.2	0.00	0.00	0.00
12,200.0	90.39	179.91	11,029.7	-1,218.7	914.2	1,317.5	0.00	0.00	0.00
12,300.0	90.39	179.91	11,029.0	-1,318.7	914.4	1,416.8	0.00	0.00	0.00
12,400.0	90.39	179.91	11,028.3	-1,418.7	914.6	1,516.1	0.00	0.00	0.00
12,500.0	90.39	179.91	11,027.6	-1,518.7	914.7	1,615.5	0.00	0.00	0.00
12,600.0	90.39	179.91	11,027.0	-1,618.7	914.9	1,714.8	0.00	0.00	0.00
12,700.0	90.39	179.91	11,026.3	-1,718.7	915.0	1,814.1	0.00	0.00	0.00
12,800.0	90.39	179.91	11,025.6	-1,818.7	915.2	1,913.5	0.00	0.00	0.00
12,900.0	90.39	179.91	11,024.9	-1,918.7	915.4	2,012.8	0.00	0.00	0.00
13,000.0	90.39	179.91	11,024.3	-2,018.7	915.5	2,112.1	0.00	0.00	0.00
13,100.0	90.39	179.91	11,023.6	-2,118.7	915.7	2,211.4	0.00	0.00	0.00
13,200.0	90.39	179.91	11,022.9	-2,218.7	915.9	2,310.8	0.00	0.00	0.00
13,300.0	90.39	179.91	11,022.2	-2,318.7	916.0	2,410.1	0.00	0.00	0.00
13,400.0	90.39	179.91	11,021.6	-2,418.6	916.2	2,509.4	0.00	0.00	0.00
13,500.0	90.39	179.91	11,020.9	-2,518.6	916.3	2,608.7	0.00	0.00	0.00
13,600.0	90.39	179.91	11,020.2	-2,618.6	916.5	2,708.1	0.00	0.00	0.00
13,700.0	90.39	179.91	11,019.5	-2,718.6	916.7	2,807.4	0.00	0.00	0.00
13,800.0	90.39	179.91	11,018.9	-2,818.6	916.8	2,906.7	0.00	0.00	0.00
13,900.0	90.39	179.91	11,018.2	-2,918.6	917.0	3,006.0	0.00	0.00	0.00
14,000.0	90.39	179.91	11,017.5	-3,018.6	917.2	3,105.4	0.00	0.00	0.00
14,100.0	90.39	179.91	11,016.8	-3,118.6	917.3	3,204.7	0.00	0.00	0.00
14,200.0	90.39	179.91	11,016.2	-3,218.6	917.5	3,304.0	0.00	0.00	0.00
14,300.0	90.39	179.91	11,015.5	-3,318.6	917.6	3,403.4	0.00	0.00	0.00
14,400.0	90.39	179.91	11,014.8	-3,418.6	917.8	3,502.7	0.00	0.00	0.00
14,500.0	90.39	179.91	11,014.1	-3,518.6	918.0	3,602.0	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 2965.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2965.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #1H	North Reference:	Grid
Well:	Sec 14, T26S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1363' FWL, Sec 23		
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)
14,600.0	90.39	179.91	11,013.5	-3,618.6	918.1	3,701.3	0.00	0.00	0.00
14,700.0	90.39	179.91	11,012.8	-3,718.6	918.3	3,800.7	0.00	0.00	0.00
14,800.0	90.39	179.91	11,012.1	-3,818.6	918.5	3,900.0	0.00	0.00	0.00
14,900.0	90.39	179.91	11,011.4	-3,918.6	918.6	3,999.3	0.00	0.00	0.00
15,000.0	90.39	179.91	11,010.8	-4,018.6	918.8	4,098.6	0.00	0.00	0.00
15,100.0	90.39	179.91	11,010.1	-4,118.6	918.9	4,198.0	0.00	0.00	0.00
15,200.0	90.39	179.91	11,009.4	-4,218.6	919.1	4,297.3	0.00	0.00	0.00
15,300.0	90.39	179.91	11,008.7	-4,318.6	919.3	4,396.6	0.00	0.00	0.00
15,400.0	90.39	179.91	11,008.1	-4,418.6	919.4	4,495.9	0.00	0.00	0.00
15,500.0	90.39	179.91	11,007.4	-4,518.6	919.6	4,595.3	0.00	0.00	0.00
15,600.0	90.39	179.91	11,006.7	-4,618.6	919.8	4,694.6	0.00	0.00	0.00
15,700.0	90.39	179.91	11,006.0	-4,718.6	919.9	4,793.9	0.00	0.00	0.00
15,800.0	90.39	179.91	11,005.4	-4,818.6	920.1	4,893.2	0.00	0.00	0.00
15,900.0	90.39	179.91	11,004.7	-4,918.6	920.3	4,992.6	0.00	0.00	0.00
16,000.0	90.39	179.91	11,004.0	-5,018.6	920.4	5,091.9	0.00	0.00	0.00
16,100.0	90.39	179.91	11,003.3	-5,118.6	920.6	5,191.2	0.00	0.00	0.00
16,200.0	90.39	179.91	11,002.7	-5,218.6	920.7	5,290.6	0.00	0.00	0.00
16,300.0	90.39	179.91	11,002.0	-5,318.6	920.9	5,389.9	0.00	0.00	0.00
16,400.0	90.39	179.91	11,001.3	-5,418.6	921.1	5,489.2	0.00	0.00	0.00
16,500.0	90.39	179.91	11,000.6	-5,518.6	921.2	5,588.5	0.00	0.00	0.00
16,600.0	90.39	179.91	11,000.0	-5,618.6	921.4	5,687.9	0.00	0.00	0.00
16,700.0	90.39	179.91	10,999.3	-5,718.6	921.6	5,787.2	0.00	0.00	0.00
16,800.0	90.39	179.91	10,998.6	-5,818.6	921.7	5,886.5	0.00	0.00	0.00
16,900.0	90.39	179.91	10,997.9	-5,918.6	921.9	5,985.8	0.00	0.00	0.00
17,000.0	90.39	179.91	10,997.2	-6,018.6	922.0	6,085.2	0.00	0.00	0.00
17,100.0	90.39	179.91	10,996.6	-6,118.6	922.2	6,184.5	0.00	0.00	0.00
17,200.0	90.39	179.91	10,995.9	-6,218.6	922.4	6,283.8	0.00	0.00	0.00
17,300.0	90.39	179.91	10,995.2	-6,318.6	922.5	6,383.1	0.00	0.00	0.00
17,400.0	90.39	179.91	10,994.5	-6,418.6	922.7	6,482.5	0.00	0.00	0.00
17,500.0	90.39	179.91	10,993.9	-6,518.5	922.9	6,581.8	0.00	0.00	0.00
17,600.0	90.39	179.91	10,993.2	-6,618.5	923.0	6,681.1	0.00	0.00	0.00
17,700.0	90.39	179.91	10,992.5	-6,718.5	923.2	6,780.5	0.00	0.00	0.00
17,800.0	90.39	179.91	10,991.8	-6,818.5	923.3	6,879.8	0.00	0.00	0.00
17,900.0	90.39	179.91	10,991.2	-6,918.5	923.5	6,979.1	0.00	0.00	0.00
18,000.0	90.39	179.91	10,990.5	-7,018.5	923.7	7,078.4	0.00	0.00	0.00
18,100.0	90.39	179.91	10,989.8	-7,118.5	923.8	7,177.8	0.00	0.00	0.00
18,200.0	90.39	179.91	10,989.1	-7,218.5	924.0	7,277.1	0.00	0.00	0.00
18,300.0	90.39	179.91	10,988.5	-7,318.5	924.2	7,376.4	0.00	0.00	0.00
18,400.0	90.39	179.91	10,987.8	-7,418.5	924.3	7,475.7	0.00	0.00	0.00
18,500.0	90.39	179.91	10,987.1	-7,518.5	924.5	7,575.1	0.00	0.00	0.00
18,600.0	90.39	179.91	10,986.4	-7,618.5	924.7	7,674.4	0.00	0.00	0.00
18,700.0	90.39	179.91	10,985.8	-7,718.5	924.8	7,773.7	0.00	0.00	0.00
18,800.0	90.39	179.91	10,985.1	-7,818.5	925.0	7,873.0	0.00	0.00	0.00
18,813.5	90.39	179.91	10,985.0	-7,832.0	925.0	7,886.4	0.00	0.00	0.00
BHL: 330' FSL & 1363' FWL (Sec 23)									

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Fuller 14/23 W2KN Fed Com #1H
Company:	Mowbourn Oil Company	TVD Reference:	WELL @ 2985.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 2985.0usft (Original Well Elev)
Site:	Fuller 14/23 W2KN Fed Com #1H	North Reference:	Grid
Well:	Sec 14, T28S, R29E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL- 330' FSL & 1363' FWL, Sec 23		
Design:	Design #1		

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL: 2600' FNL & 450' F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	379,318.00	656,517.00	32.0422802	-103.9616027
KOP: 2447' FNL & 1363' - plan hits target center - Point	0.00	0.00	10,462.0	147.0	912.0	379,465.00	657,429.00	32.0426756	-103.9586577
BHL: 330' FSL & 1363' F - plan hits target center - Point	0.00	0.00	10,985.0	-7,832.0	925.0	371,486.00	657,442.00	32.0207418	-103.9587051
FTP/LP: 2360' FSL & 13 - plan hits target center - Point	0.00	0.00	11,035.0	-429.0	912.9	378,889.00	657,429.94	32.0410923	-103.9586611

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

COMMENTS

Action 95604

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 95604
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 4/8/2022	4/8/2022

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 95604

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 95604
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	4/8/2022
jagarcia	New property number is 331334	7/27/2022