

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	
⁴ API Number 30-025-49904	⁵ Pool Name Scahr; Wolfcamp South		⁶ Pool Code 55650
⁷ Property Code 325114	⁸ Property Name Charolais 28/21 W1MD State Com		⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. M	Section 28	Township 19S	Range 35E	Feet from the Lot Idn 205	North/South Line South	Feet from the East/West line West 870	County Lea
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¹¹ Bottom Hole Location

UL or lot no. D	Section 21	Township 19S	Range 35E	Feet from the Lot Idn 80	North/South line North	Feet from the East/West line West 1311	County Lea
¹² Lse Code S	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 08/05/2022	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date		

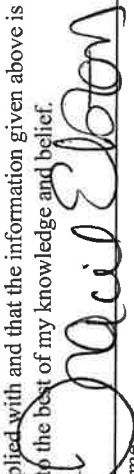
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address		²⁰ O/G/W
35246	Shell Trading US Co. PO Box 4604 Houston, TX 77210-4604		O
282301	Crestwood New Mexico Pipeline 801 Cherry Street, Suite 3800 Fort Worth, TX 76102		G

IV. Well Completion Data

²¹ Spud Date 3/28/2022	²² Ready Date 08/05/2022	²³ TD 21350' MD	²⁴ PBTD 21325'	²⁵ Perforations 11434' - 21308'	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size		²⁹ Depth Set		
17 1/2"	13 3/4" 54.5# J55		1862'		
12 1/4"	9 5/8" 40# HCL80		3485'		
8 3/4"	7" 29# HPP110		10470'		
6 1/8"	4 1/2" 13.5# HCP110		10228' - 21350'		

V. Well Test Data

³¹ Date New Oil 08/05/2022	³² Gas Delivery Date 08/05/2022	³³ Test Date 08/11/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure N/A	³⁶ Csg. Pressure 1690
³⁷ Choke Size 23/64"	³⁸ Oil 19	³⁹ Water 5224	⁴⁰ Gas 70	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: 					
Printed name: Tracie Elston					
Title: Regulatory					
E-mail Address: telston@mewbourne.com					
Date:	08/24/2022	Phone:	575-393-5905		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-49904	² Pool Code 55650	³ Pool Name SCHARB; WOLFCAMP SOUTH
⁴ Property Code 325114	⁵ Property Name CHAROLAIS 28/21 W1MD STATE COM	⁶ Well Number 1H
⁷ GRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 3728'

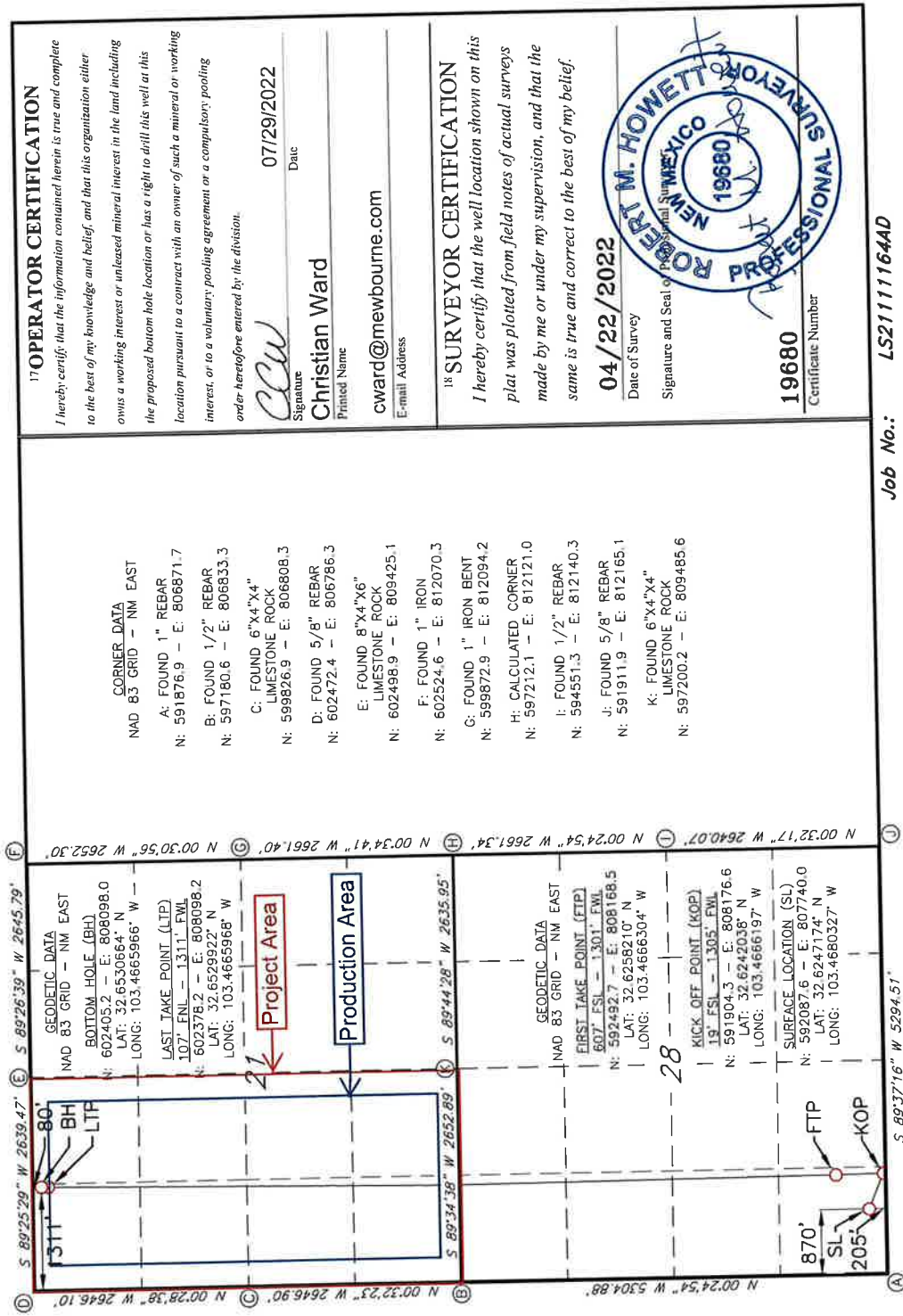
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line	Feet From the East/West line	County
M	28	19S	35E		205	870	WEST LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line	Feet From the East/West line	County
D	21	19S	35E		80	1311	WEST LEA
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.



Plan #1



Project: Lea Co., NM (NAD 83)
 Site: Charolais Hereford Pad
 Well: Charolais 28-21 W1MD State Com 1H
 Wellbore: OH
 Design: Plan #1
 Lat: 32.624717
 Long: -103.468033
 GL: 3728.00
 KB: KB=28' @ 3756.00usft (Patterson 575)



WELL DETAILS: Charolais 28-21 W1MD State Com 1H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	592087.60	807740.00	32.624717	-103.468033

WELLBORE TARGET DETAILS (LAT/LONG)

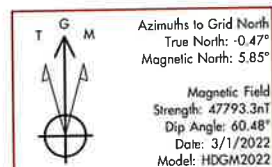
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Charolais 28-21 W1MD State Com 1H 88	10523.12	-192.04	441.60	591895.56	808181.60	Point
Charolais 28-21 W1MD State Com 1H PBHL	10931.00	10298.00	356.80	602385.60	808096.80	Point

SECTION DETAILS

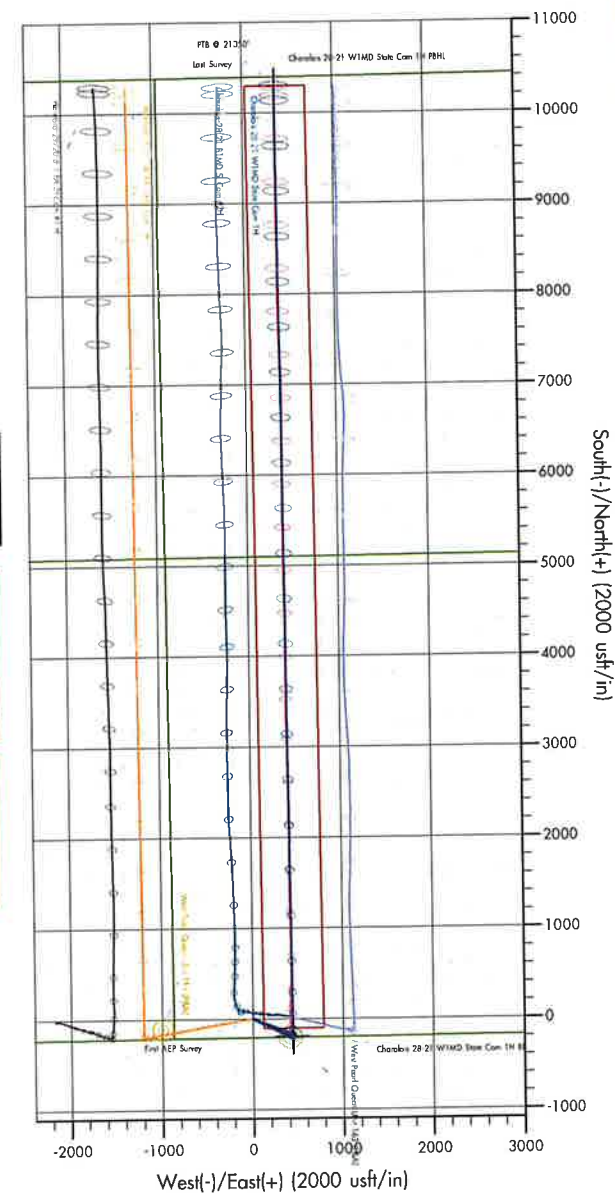
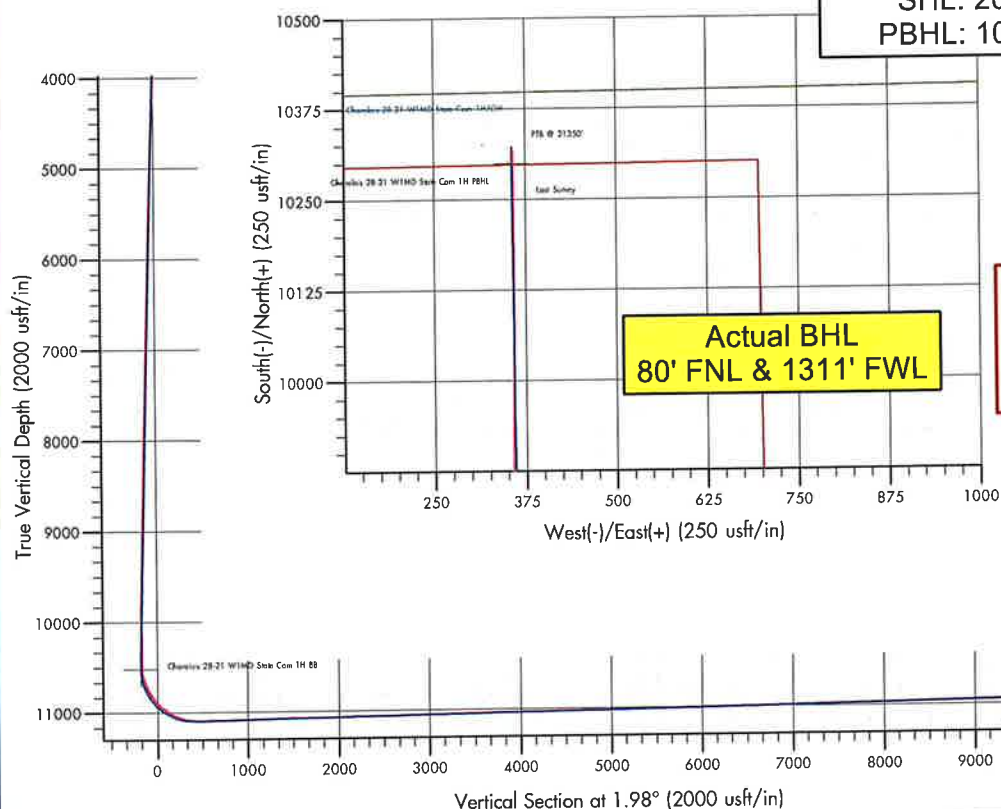
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	Build 1.5"/100'
3980.64	4.21	113.50	3980.39	-4.11	9.45	1.50	113.50	-3.78	6279' Hold
10259.92	4.21	113.50	10242.73	-187.93	432.15	0.00	0.00	-172.85	Drop 1.5"/100'
10540.57	0.00	0.00	10523.12	-192.04	441.60	1.50	180.00	-176.63	Build 10"/100'
11450.11	90.95	359.54	11096.00	390.44	436.89	10.00	359.54	405.33	9909' Hold
21359.36	90.95	359.54	10931.00	10298.00	356.80	0.00	0.00	10304.18	TD at 21359.36

Charolais 28-21 W1MD State Com 1H
 SHL: 205' FSL & 870' FWL
 PBHL: 100' FNL & 1310' FWL

Actual BHL
 80' FNL & 1311' FWL



100' FNL Hard Line
 100' FSL Hard Line
 330' FE1/4L Hard Line
 330' FW1/4L Hard Line



Plan: Plan #1 (Charolais 28-21 W1MD State Com 1H/OH)

Created By: Dusty Mayer Date: 5:46 April 19 2022



MEWBOURNE
OIL COMPANY

Mewbourne Oil Company

Lea Co., NM (NAD 83)

Charolais Hereford Pad

Charolais 28-21 W1MD State Com 1H

OH

Design: OH

Standard Survey Report

19 April, 2022





Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Charolais 28-21 W1MD State Com 1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3756.00usft (Patterson 575)
Site:	Charolais Hereford Pad	MD Reference:	KB=28' @ 3756.00usft (Patterson 575)
Well:	Charolais 28-21 W1MD State Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Lea Co., NM (NAD 83)	
Map System:	US State Plane 1983	System Datum:
Geo Datum:	North American Datum 1983	Mean Sea Level
Map Zone:	New Mexico Eastern Zone	

Site	Charolais Hereford Pad			
Site Position:		592.087.60 usft	Latitude:	32.624717
From:	Map	807.740.00 usft	Easting:	-103.468033
Position Uncertainty:	0.00 usft	13-3/16 "	Slot Radius:	

Well	Charolais 28-21 W1MD State Com 1H			
Well Position	+N/S	Northing:	592,087.60 usft	Latitude: 32.624717
	+E/W	Easting:	807,740.00 usft	Longitude: -103.468033
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level: 3,728.00 usft
Grid Convergence:	0.47 °			

Wellbore	OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)	
HDGM2022		3/1/2022	6.32	60.48	47,793.30000000	

Design	OH				
Audit Notes:	Version:	1.0	Phase:	ACTUAL	Tie On Depth:
Vertical Section:		Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
		0.00	0.00	0.00	1.98

Survey Program		Date	4/19/2022
From (usft)	To (usft)	Survey / Wellbore)	Tool Name
95.00	1,788.00	Surface (OH)	MWD
1,907.00	21,350.00	MWD Survey (OH)	MWD + HDGM
			OWSG MWD - Standard
			MWD + HDGM - Standard

Survey									
Measured			Vertical			Vertical			Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Dogleg	Build	Rate
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.00	0.10	52.99	95.00	0.05	0.07	0.05	0.11	0.11	0.00
156.00	0.30	134.99	156.00	-0.03	0.22	-0.02	0.50	0.33	134.43
336.00	0.30	134.99	336.00	-0.70	0.89	-0.67	0.00	0.00	0.00
397.00	0.50	130.99	397.00	-0.98	1.20	-0.94	0.33	0.33	-6.56
453.00	0.30	94.99	452.99	-1.16	1.53	-1.10	0.56	-0.36	-64.29
518.00	0.20	144.99	517.99	-1.27	1.77	-1.20	0.35	-0.15	76.92
640.00	0.30	167.99	639.99	-1.75	1.96	-1.68	0.11	0.08	18.85
827.00	0.10	151.99	826.99	-2.38	2.13	-2.30	0.11	-0.11	-8.56


MEWBOURNE
OIL COMPANY

Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Charolais 28-21 W1MD State Com 1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3756.00ustf (Patterson 575)
Site:	Charolais Hereford Pad	MD Reference:	KB=28' @ 3756.00ustf (Patterson 575)
Well:	Charolais 28-21 W1MD State Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey	Measured Depth (ustf)	Inclination (°)	Azimuth (°)	Vertical Depth (ustf)	+N/-S (ustf)	+E/-W (ustf)	Vertical Section (ustf)	Dogleg Rate (°/100ustf)	Build Rate (°/100ustf)	Turn Rate (°/100ustf)
	921.00	0.20	203.99	920.99	-2.60	2.11	-2.52	0.17	0.11	55.32
	1,110.00	0.10	208.99	1,109.99	-3.04	1.89	-2.98	0.05	-0.05	2.65
	1,205.00	0.40	140.99	1,204.99	-3.37	2.06	-3.30	0.39	0.32	-71.58
	1,394.00	0.00	99.99	1,393.99	-3.89	2.48	-3.80	0.21	-0.21	0.00
	1,487.00	0.10	98.99	1,486.99	-3.90	2.56	-3.81	0.11	0.11	0.00
	1,584.00	0.30	138.99	1,583.99	-4.10	2.81	-4.00	0.24	0.21	41.24
	1,678.00	0.10	33.99	1,677.99	-4.22	3.01	-4.11	0.36	-0.21	-111.70
	1,772.00	0.50	38.99	1,771.99	-3.83	3.32	-3.72	0.43	0.43	5.32
	1,788.00	0.60	43.99	1,787.98	-3.72	3.42	-3.60	0.69	0.63	31.25
	1,907.00	0.82	18.76	1,906.98	-2.47	4.13	-2.32	0.32	0.18	-21.20
First AEP Survey	2,096.00	1.02	22.70	2,095.95	0.37	5.21	0.55	0.11	0.11	2.08
	2,190.00	1.03	8.98	2,189.94	1.97	5.66	2.17	0.26	0.01	-14.60
	2,284.00	0.58	10.04	2,283.93	3.28	5.88	3.48	0.48	-0.48	1.13
	2,379.00	0.60	31.98	2,378.92	4.17	6.23	4.38	0.24	0.02	23.09
	2,474.00	0.59	347.02	2,473.92	5.07	6.38	5.29	0.48	-0.01	-47.33
	2,568.00	0.35	308.76	2,567.91	5.72	6.05	5.93	0.41	-0.26	-40.70
	2,662.00	0.21	253.41	2,661.91	5.85	5.66	6.04	0.31	-0.15	-58.88
	2,757.00	0.10	85.53	2,756.91	5.81	5.57	6.00	0.32	-0.12	-176.72
	2,851.00	0.10	355.76	2,850.91	5.90	5.65	6.09	0.15	0.00	-95.50
	2,945.00	0.15	335.49	2,944.91	6.09	5.59	6.28	0.07	0.05	-21.56
	3,039.00	0.50	28.39	3,038.91	6.56	5.74	6.76	0.45	0.37	56.28
	3,134.00	0.54	62.86	3,133.91	7.13	6.33	7.35	0.33	0.04	36.28
	3,228.00	0.46	55.19	3,227.90	7.55	7.04	7.79	0.11	-0.09	-8.16
	3,323.00	0.58	18.54	3,322.90	8.22	7.50	8.48	0.36	0.13	-38.58
	3,416.00	0.43	2.03	3,415.90	9.02	7.66	9.28	0.22	-0.16	-17.75
	3,535.00	0.47	34.69	3,534.89	9.87	7.96	10.14	0.22	0.03	27.45
	3,630.00	1.16	127.87	3,629.89	9.60	8.94	9.90	1.34	0.73	98.08
	3,726.00	2.53	115.15	3,725.83	8.10	11.62	8.50	1.48	1.43	-13.25
	3,821.00	4.55	115.70	3,820.65	5.57	16.92	6.16	2.13	2.13	0.58
	3,916.00	4.51	116.01	3,915.35	2.30	23.67	3.12	0.05	-0.04	0.33
	4,012.00	4.04	117.05	4,011.08	-0.89	30.07	0.15	0.50	-0.49	1.08
	4,104.00	3.72	115.55	4,102.87	-3.65	35.65	-2.42	0.36	-0.35	-1.63
	4,198.00	3.39	122.72	4,197.69	-6.50	40.80	-5.08	0.58	-0.35	7.55
	4,294.00	3.30	142.92	4,292.53	-10.20	44.81	-8.64	1.24	-0.09	21.26
	4,389.00	3.67	133.17	4,387.36	-14.46	48.68	-12.77	0.73	0.39	-10.26
	4,484.00	4.14	133.21	4,482.14	-18.89	53.39	-17.03	0.49	0.49	0.04
	4,580.00	4.81	123.01	4,577.84	-23.45	59.29	-21.39	1.08	0.70	-10.63
	4,676.00	5.31	116.70	4,672.47	-27.60	66.56	-25.28	0.79	0.53	-6.64
	4,770.00	5.06	116.77	4,767.09	-31.46	74.23	-28.87	0.26	-0.26	0.07
	4,865.00	4.63	119.19	4,861.75	-35.22	81.32	-32.38	0.50	-0.45	2.55
	4,960.00	4.91	110.36	4,956.42	-38.50	88.47	-35.42	0.83	0.29	-9.29
	5,056.00	5.37	107.70	5,052.03	-41.30	96.61	-37.93	0.54	0.48	-2.77

4/19/2022 5:45:41AM

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COMPASS 5000.16 Build 100



MEWBOURNE
OIL COMPANY

Altitude Energy Partners

Survey Report



ALTITUDE
ENERGY PARTNERS

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Charolais 28-21 W1MD State Corn 1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3756.00usft (Patterson 575)
Site:	Charolais Hereford Pad	MD Reference:	KB=28' @ 3756.00usft (Patterson 575)
Well:	Charolais 28-21 W1MD State Corn 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
	5,151.00	5.27	107.53	5,146.62	-43.96	105.00	-40.30	0.11	-0.11	-0.18
	5,245.00	5.12	109.42	5,240.24	-46.66	113.07	-42.72	0.24	-0.16	2.01
	5,340.00	4.74	109.70	5,334.89	-49.39	120.77	-45.18	0.40	-0.40	0.29
	5,435.00	4.84	109.77	5,429.55	-52.07	128.23	-47.60	0.11	0.11	0.07
	5,529.00	4.64	113.66	5,523.23	-54.94	135.45	-50.21	0.40	-0.21	4.14
	5,625.00	4.25	113.05	5,618.94	-57.89	142.28	-52.93	0.41	-0.41	-0.64
	5,719.00	3.98	112.39	5,712.70	-60.50	148.50	-55.32	0.29	-0.29	-0.70
	5,814.00	4.55	116.51	5,807.44	-63.43	154.92	-58.03	0.68	0.60	4.34
	5,909.00	4.63	117.40	5,902.13	-66.88	161.70	-61.24	0.11	0.08	0.94
	6,004.00	4.32	118.11	5,996.84	-70.33	168.26	-64.46	0.33	-0.33	0.75
	6,099.00	4.05	118.78	6,091.59	-73.63	174.35	-67.55	0.29	-0.28	0.71
	6,194.00	4.40	116.01	6,186.33	-76.84	180.57	-70.55	0.43	0.37	-2.92
	6,289.00	4.82	115.63	6,281.02	-80.17	187.44	-73.63	0.44	0.44	-0.40
	6,384.00	4.23	113.17	6,375.73	-83.27	194.26	-76.50	0.65	-0.62	-2.59
	6,479.00	3.99	110.28	6,470.48	-85.80	200.58	-78.80	0.33	-0.25	-3.04
	6,575.00	5.02	109.43	6,566.19	-88.35	207.68	-81.11	1.08	1.07	-0.89
	6,670.00	5.57	112.76	6,660.78	-91.52	215.85	-83.99	0.66	0.58	3.51
	6,765.00	5.13	114.41	6,755.37	-95.06	223.97	-87.25	0.49	-0.46	1.74
	6,860.00	5.08	114.69	6,849.99	-98.57	231.66	-90.49	0.06	-0.05	0.29
	6,956.00	4.30	115.06	6,945.67	-101.87	238.78	-93.54	0.81	-0.81	0.39
	7,051.00	4.16	111.33	7,040.41	-104.63	245.21	-96.08	0.32	-0.15	-3.93
	7,146.00	4.07	111.83	7,135.16	-107.14	251.55	-98.36	0.10	-0.09	0.53
	7,241.00	3.91	114.71	7,229.93	-109.75	257.62	-100.76	0.27	-0.17	3.03
	7,336.00	3.77	114.52	7,324.72	-112.40	263.41	-103.21	0.15	-0.15	-0.20
	7,431.00	4.10	111.99	7,419.50	-114.96	269.40	-105.57	0.39	0.35	-2.66
	7,526.00	4.17	116.78	7,514.25	-117.79	275.63	-108.18	0.37	0.07	5.04
	7,622.00	4.43	117.79	7,609.98	-121.09	282.03	-111.25	0.28	0.27	1.05
	7,717.00	4.28	117.71	7,704.70	-124.45	288.41	-114.39	0.16	-0.16	-0.08
	7,812.00	4.23	110.68	7,799.44	-127.34	294.83	-117.05	0.55	-0.05	-7.40
	7,908.00	3.88	110.81	7,895.20	-129.74	301.18	-119.24	0.36	-0.36	0.14
	8,002.00	4.53	115.51	7,988.95	-132.47	307.50	-121.74	0.78	0.69	5.00
	8,098.00	4.22	113.96	8,084.67	-135.54	314.15	-124.58	0.35	-0.32	-1.61
	8,193.00	4.03	114.03	8,179.42	-138.32	320.39	-127.14	0.20	-0.20	0.07
	8,289.00	3.56	111.40	8,275.21	-140.78	326.25	-129.40	0.52	-0.49	-2.74
	8,384.00	4.41	115.60	8,369.98	-143.43	332.29	-131.84	0.95	0.89	4.42
	8,479.00	4.05	112.99	8,464.72	-146.32	338.67	-134.51	0.43	-0.38	-2.75
	8,575.00	3.70	112.25	8,560.50	-148.82	344.66	-136.79	0.37	-0.36	-0.77
	8,670.00	3.33	120.21	8,655.33	-151.37	349.88	-139.16	0.64	-0.39	8.38
	8,765.00	3.89	109.91	8,750.14	-153.85	355.29	-141.46	0.90	0.59	-10.84
	8,860.00	4.29	87.27	8,844.90	-154.78	361.87	-142.16	1.74	0.42	-23.83
	8,955.00	3.55	95.13	8,939.68	-154.87	368.35	-142.03	0.96	-0.78	8.27
	9,050.00	4.79	120.97	9,034.44	-157.17	374.68	-144.11	2.33	1.29	27.20
	9,146.00	4.81	126.48	9,130.10	-161.63	381.34	-148.32	0.48	0.03	5.74
	9,240.00	3.75	113.12	9,223.84	-165.18	387.34	-151.66	1.54	-1.13	-14.21



MEWBOURNE
OIL COMPANY

Altitude Energy Partners

Survey Report



AIT U D E
ENERGY PARTNERS

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Charolais 28-21 W1MD State Com 1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3756.00ustf (Patterson 575)
Site:	Charolais Hereford Pad	MD Reference:	KB=28' @ 3756.00ustf (Patterson 575)
Well:	Charolais 28-21 W1MD State Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey	Measured			Vertical			Vertical Section	Dogleg			Build	Turn
	Depth (ustf)	Inclination (°)	Azimuth (°)	Depth (ustf)	+N/S (ustf)	+E/W (ustf)		Rate (°/100ustf)	Rate (°/100ustf)	Rate (°/100ustf)		
	9,336.00	3.97	117.87	9,319.62	-167.96	393.16	-154.25	0.40		0.23		4.95
	9,431.00	3.47	124.48	9,414.42	-171.13	386.44	-157.23	0.69		-0.53		6.96
	9,526.00	3.79	126.45	9,509.23	-174.62	403.34	-160.55	0.36		0.34		2.07
	9,621.00	4.18	109.41	9,604.00	-177.64	409.13	-163.36	1.31		0.41		-17.94
	9,717.00	3.46	114.36	9,699.79	-179.99	415.07	-165.51	0.82		-0.75		5.16
	9,812.00	2.80	118.61	9,794.65	-182.29	419.71	-167.64	0.74		-0.69		4.47
	9,906.00	2.53	132.18	9,888.55	-184.78	423.27	-170.01	0.73		-0.29		14.44
	10,001.00	2.34	92.59	9,983.47	-186.28	426.76	-171.39	1.75		-0.20		-41.67
	10,097.00	2.31	78.98	10,079.39	-185.99	430.62	-170.97	0.57		-0.03		-14.18
	10,191.00	1.99	71.12	10,173.32	-185.10	434.02	-169.96	0.46		-0.34		-8.36
	10,287.00	0.59	60.16	10,269.30	-184.32	436.03	-169.11	1.47		-1.46		-11.42
	10,382.00	0.20	41.78	10,364.29	-183.95	436.56	-168.72	0.43		-0.41		-19.35
	10,475.00	0.46	352.30	10,457.29	-183.46	436.62	-168.23	0.39		0.28		-63.20
	10,497.00	0.44	350.86	10,479.29	-183.29	436.59	-168.06	0.10		-0.09		-6.55
	10,591.00	9.25	344.53	10,572.86	-175.64	434.52	-160.49	9.38		9.37		-6.73
	10,639.00	17.24	350.19	10,619.55	-164.89	432.27	-149.83	16.84		16.65		11.79
	10,687.00	19.27	350.05	10,665.13	-150.08	429.69	-135.11	4.23		4.23		-0.29
	10,734.00	22.21	351.64	10,709.08	-133.65	427.06	-118.78	6.37		6.26		3.38
	10,782.00	28.54	355.35	10,752.43	-113.22	424.81	-98.45	13.59		13.19		7.73
	10,830.00	29.24	352.83	10,794.46	-90.16	422.42	-75.48	2.93		1.46		-5.25
	10,878.00	34.90	355.80	10,835.12	-64.81	419.94	-50.23	12.24		11.79		6.19
	10,925.00	40.08	355.01	10,872.40	-36.31	417.64	-21.83	11.07		11.02		-1.68
	10,973.00	44.05	356.99	10,908.03	-4.24	415.42	10.15	8.72		8.27		4.13
	11,020.00	48.46	357.54	10,940.52	29.67	413.81	43.98	9.42		9.38		1.17
	11,068.00	53.09	0.27	10,970.87	66.83	413.13	81.09	10.60		9.65		5.69
	11,116.00	57.53	1.77	10,998.18	106.28	413.84	120.55	9.60		9.25		3.13
	11,164.00	62.37	1.67	11,022.21	147.80	415.09	162.08	10.08		10.08		-0.21
	11,212.00	64.73	2.14	11,043.59	190.74	416.52	205.05	4.99		4.92		0.98
	11,260.00	69.97	3.74	11,062.07	234.97	418.80	249.33	11.34		10.92		3.33
	11,307.00	77.18	3.69	11,075.35	279.92	421.72	294.36	15.34		15.34		-0.11
	11,355.00	80.16	2.96	11,084.78	326.90	424.45	341.41	6.38		6.21		-1.52
	11,403.00	81.74	2.94	11,092.33	374.24	426.89	388.80	3.29		3.29		-0.04
	11,451.00	87.58	3.05	11,096.80	421.95	429.38	436.56	12.17		12.17		0.23
	11,547.00	90.13	359.37	11,098.71	517.88	431.41	532.51	4.66		2.66		-3.83
	11,641.00	92.39	359.39	11,096.65	611.85	430.39	626.38	2.40		2.40		0.02
	11,736.00	92.12	359.53	11,092.91	706.77	429.50	721.22	0.32		-0.28		0.15
	11,831.00	90.83	358.89	11,090.46	801.73	428.19	816.07	1.52		-1.36		-0.67
	11,926.00	93.15	359.66	11,087.17	896.66	426.99	910.90	2.57		2.44		0.81
	12,021.00	89.99	358.36	11,084.56	991.59	425.34	1,005.73	3.60		-3.33		-1.37
	12,116.00	89.17	358.08	11,085.26	1,086.54	422.39	1,100.52	0.91		-0.86		-0.29
	12,211.00	91.11	359.09	11,085.03	1,181.51	420.05	1,195.34	2.30		2.04		1.06
	12,307.00	91.70	359.12	11,082.67	1,277.47	418.55	1,291.19	0.62		0.61		0.03
	12,402.00	94.19	359.61	11,077.79	1,372.33	417.50	1,385.96	2.67		2.62		0.52



MEWBOURNE
OIL COMPANY

Altitude Energy Partners

Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Charolais 28-21 W1MD State Corn 1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3756.00usft (Patterson 575)
Site:	Charolais Hereford Pad	MD Reference:	KB=28' @ 3756.00usft (Patterson 575)
Well:	Charolais 28-21 W1MD State Corn 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
	12,498.00	91.98	359.82	11,072.63	1,468.18	417.02	1,481.74	2.31	-2.30	0.22
	12,592.00	89.57	1.23	11,071.35	1,562.16	417.88	1,575.69	2.97	-2.56	1.50
	12,688.00	89.31	0.69	11,072.29	1,658.14	419.49	1,671.67	0.62	-0.27	-0.56
	12,783.00	88.64	0.36	11,073.99	1,753.12	420.36	1,766.63	0.79	-0.71	-0.35
	12,878.00	90.55	0.38	11,074.66	1,848.11	420.97	1,861.58	2.01	2.01	0.02
	12,973.00	93.37	1.30	11,071.42	1,943.04	422.36	1,956.50	3.12	2.97	0.97
	13,069.00	91.86	0.51	11,067.04	2,038.92	423.88	2,052.38	1.77	-1.57	-0.82
	13,164.00	91.95	0.77	11,063.88	2,133.86	424.94	2,147.30	0.29	0.09	0.27
	13,260.00	89.23	357.64	11,062.89	2,229.83	423.61	2,243.16	4.32	-2.83	-3.26
	13,355.00	89.37	358.03	11,064.05	2,324.75	420.02	2,337.90	0.44	0.15	0.41
	13,450.00	89.59	359.74	11,064.91	2,419.73	418.17	2,432.75	1.81	0.23	1.80
	13,545.00	90.38	359.64	11,064.94	2,514.72	417.66	2,527.68	0.84	0.83	-0.11
	13,640.00	92.90	359.75	11,062.22	2,609.68	417.15	2,622.56	2.66	2.65	0.12
	13,736.00	92.60	359.17	11,057.61	2,705.56	416.25	2,718.35	0.68	-0.31	-0.60
	13,831.00	91.30	359.14	11,054.38	2,800.49	414.85	2,813.18	1.37	-1.37	-0.03
	13,927.00	90.57	358.40	11,052.81	2,896.46	412.79	2,909.01	1.08	-0.76	-0.77
	14,022.00	91.50	358.15	11,051.10	2,991.40	409.93	3,003.80	1.01	0.98	-0.26
	14,118.00	89.37	359.25	11,050.37	3,087.36	407.75	3,099.63	2.50	-2.22	1.15
	14,213.00	91.83	359.57	11,049.37	3,182.35	406.77	3,194.52	2.61	2.59	0.34
	14,309.00	91.61	358.45	11,046.49	3,278.29	405.11	3,290.35	1.19	-0.23	-1.17
	14,403.00	92.22	0.38	11,043.35	3,372.22	404.15	3,384.20	2.15	0.65	2.05
	14,467.00	90.24	359.79	11,041.98	3,436.21	404.25	3,448.14	3.23	-3.09	-0.92
	14,555.00	90.69	359.90	11,041.26	3,524.20	404.01	3,536.08	0.53	0.51	0.13
	14,650.00	90.63	359.83	11,040.17	3,619.20	403.79	3,631.01	0.10	-0.06	-0.07
	14,745.00	90.57	359.70	11,039.17	3,714.19	403.40	3,725.93	0.15	-0.06	-0.14
	14,841.00	90.60	359.37	11,038.19	3,810.18	402.62	3,821.84	0.35	0.03	-0.34
	14,936.00	90.52	0.18	11,037.26	3,905.18	402.25	3,916.76	0.86	-0.08	0.85
	15,032.00	91.08	0.89	11,035.92	4,001.16	403.14	4,012.72	0.94	0.58	0.74
	15,128.00	90.52	0.27	11,034.58	4,097.15	404.11	4,108.68	0.87	-0.58	-0.65
	15,223.00	90.55	0.34	11,033.70	4,192.14	404.62	4,203.64	0.08	0.03	0.07
	15,317.00	91.44	0.60	11,032.06	4,286.12	405.39	4,297.59	0.99	0.95	0.28
	15,413.00	91.05	359.81	11,029.98	4,382.10	405.73	4,393.52	0.92	-0.41	-0.82
	15,508.00	91.05	359.98	11,028.24	4,477.08	405.56	4,488.44	0.18	0.00	0.18
	15,604.00	91.11	358.98	11,026.43	4,573.06	404.69	4,584.33	1.04	0.06	-1.04
	15,699.00	91.13	358.87	11,024.57	4,668.02	402.91	4,679.18	0.12	0.02	-0.12
	15,793.00	91.02	358.90	11,022.81	4,761.99	401.08	4,773.02	0.12	-0.12	0.03
	15,889.00	91.11	358.74	11,021.02	4,857.95	399.10	4,868.86	0.19	0.09	-0.17
	15,984.00	91.05	357.91	11,019.23	4,952.89	396.32	4,963.65	0.88	-0.06	-0.87
	16,080.00	91.13	358.46	11,017.41	5,048.83	393.28	5,059.42	0.58	0.08	0.57
	16,175.00	91.02	359.41	11,015.62	5,143.79	391.52	5,154.27	1.01	-0.12	1.00
	16,270.00	91.30	359.90	11,013.70	5,238.77	390.95	5,249.17	0.59	0.29	0.52
	16,365.00	91.08	0.20	11,011.73	5,333.75	391.03	5,344.09	0.39	-0.23	0.32
	16,460.00	90.63	359.80	11,010.31	5,428.74	391.03	5,439.03	0.63	-0.47	-0.42



MEWBOURNE
OIL COMPANY

Altitude Energy Partners

Survey Report



ALTITUDE
ENERGY PARTNERS

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Charolais 28-21 W1MD State Com 1H
Project:	Lea Co., NM (NAD 83)	TVD Reference:	KB=28' @ 3756.00usft (Patterson 575)
Site:	Charolais Hereford Pad	MD Reference:	KB=28' @ 3756.00usft (Patterson 575)
Well:	Charolais 28-21 W1MD State Com 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

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)
	16,556.00	90.60	359.94	11,009.28	5,524.74	390.81	5,534.95	0.15	-0.03	0.15
	16,651.00	90.66	0.34	11,008.24	5,619.73	391.04	5,629.90	0.43	0.06	0.42
	16,746.00	90.63	0.07	11,007.17	5,714.72	391.38	5,724.85	0.29	-0.03	-0.28
	16,841.00	90.55	0.21	11,006.19	5,809.72	391.62	5,819.79	0.17	-0.08	0.15
	16,936.00	90.63	359.73	11,005.21	5,904.71	391.57	5,914.73	0.51	0.08	-0.51
	17,032.00	90.83	359.92	11,003.99	6,000.70	391.27	6,010.65	0.29	0.21	0.20
	17,127.00	90.60	359.59	11,002.80	6,095.69	390.87	6,105.57	0.42	-0.24	-0.35
	17,222.00	90.66	359.88	11,001.76	6,190.69	390.43	6,200.49	0.31	0.06	0.31
	17,317.00	91.11	359.88	11,000.29	6,285.68	390.23	6,295.42	0.47	0.47	0.00
	17,412.00	91.02	359.87	10,998.52	6,380.66	390.02	6,390.34	0.10	-0.09	-0.01
	17,508.00	91.05	359.87	10,996.79	6,476.64	389.80	6,486.26	0.03	0.03	0.00
	17,602.00	90.94	359.59	10,995.16	6,570.63	389.36	6,580.17	0.32	-0.12	-0.30
	17,697.00	91.75	0.12	10,992.93	6,665.60	389.12	6,675.08	1.02	0.85	0.56
	17,793.00	90.97	0.05	10,990.65	6,761.57	389.26	6,771.00	0.82	-0.81	-0.07
	17,888.00	91.13	0.28	10,988.91	6,856.56	389.54	6,866.93	0.29	0.17	0.24
	17,983.00	91.19	0.11	10,986.98	6,951.54	389.89	6,960.87	0.19	0.06	-0.18
	18,079.00	90.94	358.57	10,985.20	7,047.51	388.75	7,056.75	1.62	-0.26	-1.60
	18,174.00	90.74	357.28	10,983.81	7,142.44	385.31	7,151.49	1.37	-0.21	-1.36
	18,269.00	91.08	357.99	10,982.30	7,237.34	381.39	7,246.21	0.83	0.36	0.75
	18,364.00	91.41	358.48	10,980.23	7,332.27	378.47	7,340.98	0.62	0.35	0.52
	18,459.00	91.19	359.00	10,978.08	7,427.23	376.38	7,435.81	0.59	-0.23	0.55
	18,555.00	91.19	358.91	10,976.08	7,523.19	374.63	7,531.65	0.09	0.00	-0.09
	18,650.00	90.80	358.21	10,974.44	7,618.14	372.24	7,626.47	0.84	-0.41	-0.74
	18,745.00	91.11	358.78	10,972.85	7,713.10	369.75	7,721.28	0.68	0.33	0.60
	18,841.00	90.88	359.01	10,971.18	7,809.07	367.90	7,817.12	0.34	-0.24	0.24
	18,936.00	90.57	359.50	10,969.98	7,904.05	366.66	7,912.01	0.61	-0.33	0.52
	19,032.00	90.83	0.09	10,968.81	8,000.04	366.32	8,007.93	0.67	0.27	0.61
	19,127.00	90.69	0.23	10,967.55	8,095.03	366.58	8,102.87	0.21	-0.15	0.15
	19,223.00	91.27	0.15	10,965.91	8,191.02	366.90	8,198.81	0.61	0.60	-0.08
	19,318.00	90.88	0.06	10,964.13	8,286.00	367.08	8,293.74	0.42	-0.41	-0.09
	19,414.00	90.80	359.39	10,962.72	8,381.99	366.62	8,389.66	0.70	-0.08	-0.70
	19,509.00	90.85	359.72	10,961.35	8,476.98	365.88	8,484.56	0.35	0.05	0.35
	19,605.00	91.11	359.90	10,959.71	8,572.96	365.56	8,580.48	0.33	0.27	0.19
	19,700.00	90.97	359.16	10,957.98	8,667.94	364.78	8,675.37	0.79	-0.15	-0.78
	19,796.00	90.97	359.13	10,956.36	8,763.92	363.35	8,771.24	0.03	0.00	-0.03
	19,891.00	91.05	359.28	10,954.68	8,858.89	362.03	8,866.12	0.18	0.08	0.16
	19,987.00	90.91	359.61	10,953.04	8,954.87	361.10	8,962.01	0.37	-0.15	0.34
	20,082.00	90.77	359.71	10,951.65	9,049.86	360.54	9,056.92	0.18	-0.15	0.11
	20,177.00	91.05	359.97	10,950.14	9,144.85	360.27	9,151.84	0.40	0.29	0.27
	20,272.00	91.13	359.86	10,948.33	9,239.83	360.13	9,246.76	0.14	0.08	-0.12
	20,366.00	91.02	0.20	10,946.57	9,333.82	360.18	9,340.69	0.38	-0.12	0.36
	20,462.00	91.22	0.06	10,944.69	9,429.80	360.40	9,436.62	0.25	0.21	-0.15
	20,557.00	90.88	359.78	10,942.95	9,524.78	360.27	9,531.54	0.46	-0.36	-0.29
	20,652.00	91.13	359.33	10,941.29	9,619.76	359.53	9,626.44	0.54	0.26	-0.47



Altitude Energy Partners Survey Report



Company: Mewbourne Oil Company
Project: Lea Co., NM (NAD 83)
Site: Charolais Hereford Pad
Well: Charolais 28-21 W1MD State Com 1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well Charolais 28-21 W1MD State Com 1H
 KB=28' @ 3756.00ustf (Patterson 575)
 KB=28' @ 3756.00ustf (Patterson 575)
 Grd
 Minimum Curvature
 EDM 5000.1 Single User Db

Survey	Measured Depth (ustf)	Inclination (°)	Azimuth (°)	Vertical Depth (ustf)	+N-S (ustf)	+E/W (ustf)	Vertical Section (ustf)	Dogleg Rate (%/100ustf)	Build Rate (%/100ustf)	Turn Rate (%/100ustf)
	20,747.00	91.16	359.53	10,939.39	9,714.74	358.58	9,721.33	0.21	0.03	0.21
	20,842.00	91.05	359.35	10,937.56	9,809.72	357.65	9,816.22	0.22	-0.12	-0.19
	20,937.00	91.11	0.29	10,935.77	9,904.70	357.36	9,911.13	0.99	0.06	0.99
	21,033.00	91.27	0.80	10,933.77	10,000.67	358.27	10,007.08	0.56	0.17	0.53
	21,128.00	91.36	0.14	10,931.59	10,095.64	359.05	10,102.02	0.70	0.09	-0.69
	21,224.00	90.91	359.62	10,929.69	10,191.63	358.85	10,197.94	0.72	-0.47	-0.54
	21,312.00	90.49	359.61	10,928.61	10,279.62	358.26	10,285.86	0.48	-0.48	-0.01
Last Survey	21,350.00									
PTB @ 21350'		90.49	359.61	10,928.29	10,317.61	358.00	10,323.82	0.00	0.00	0.00

Design Annotations					
Measured Depth (ustf)	Vertical Depth (ustf)	Local Coordinates +N-S (ustf)	+E/W (ustf)	Comment	
1,907.00	1,906.98	-2.47	4.13	First AEP Survey	
21,312.00	10,928.61	10,279.62	358.26	Last Survey	
21,350.00	10,928.29	10,317.61	358.00	PTB @ 21350'	

Checked By: _____

Approved By: _____

Date: _____

Intent ☐ As Drilled ☒

API # 30-025-49904	Property Name: Charolais 28/21 W1MD State Com		Well Number 1H
Operator Name: Mewbourne Oil Co.			

Kick Off Point (KOP)

UL M	Section 28	Township 19S	Range 35E	Lot	Feet 19	From N/S S	Feet 1305	From E/W W	County LEA
Latitude 32.6242038				Longitude -103.4666197		NAD 83			

First Take Point (FTP)

UL M	Section 28	Township 19S	Range 35E	Lot	Feet 607	From N/S S	Feet 1301	From E/W W	County LEA
Latitude 32.6258210				Longitude -103.4666304		NAD 83			

Last Take Point (LTP)

UL D	Section 21	Township 19S	Range 35E	Lot	Feet 107	From N/S N	Feet 1311	From E/W W	County LEA
Latitude 32.6529922				Longitude -103.4665968		NAD 83			

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

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

API #	Property Name:		Well Number
Operator Name:			

KZ 06/29/2018

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 8111 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017													
1. WELL API NO. 30-025-49904										2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN											
3. State Oil & Gas Lease No.										5. Lease Name or Unit Agreement Name Charolais 28/21 W1MD State Com											
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)										6. Well Number: 1H											
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										9. OGRID 14744											
8. Name of Operator Mewbourne Oil Company PO Box 5270 Hobbs, NM 88240										11. Pool name or Wildcat [55650] Scahr; Wolfcamp South											
12. Location		Unit Ltr		Section		Township		Range		Lot		Feet from the		N/S Line		Feet from the		E/W Line		County	
Surface:		M		28		19S		35E				205		South		870		West		Lea	
BH:		D		21		19S		35E				80		North		1311		West		Lea	
13. Date Spudded 03/28/2022		14. Date T.D. Reached 04/19/2022		15. Date Rig Released 04/21/2022		16. Date Completed (Ready to Produce) 08/05/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3728 GL				20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR							
18. Total Measured Depth of Well 21350' MD																					
22. Producing Interval(s), of this completion - Top, Bottom, Name 10228'-21350' Wolfcamp																					
CASING RECORD (Report all strings set in well)																					
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED											
13 3/8"		54.5		1862'		17 1/2"		1200		0											
9 5/8"		40		3485'		12 1/4"		800		0											
7"		29		10470'		8 3/4"		900		0											
24. LINER RECORD																					
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET							
4 1/2"		10228'		21350'																	
26. Perforation record (interval, size, and number) 11434'-21308' (79 stages, 0.39" EHD, 2844 holes)																					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED																	
11434'-21308'				Frac horizontal Wolfcamp w/ 24455424 gals brackish slickwater, carrying 24003320# Local 100 Mesh																	
PRODUCTION																					
Date First Production 08/05/2022				Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing													
Date of Test 08/05/2022		Hours Tested 24		Choke Size 23/64"		Prod'n For Test Period		Oil - Bbl 19		Gas - MCF 70		Water - Bbl. 5224		Gas - Oil Ratio 3684							
Flow Tubing Press. NA		Casing Pressure 1690		Calculated 24-Hour Rate		Oil - Bbl. 19		Gas - MCF 70		Water - Bbl. 5224		Oil Gravity - API - (Corr.)									
29. Disposition of Gas (Sold, used for fuel, vented, etc.)																					
30. Test Witnessed By Robin Terrell																					
31. List Attachments C104, Deviation Survey, completion sundry, Directional Survey, Gyro log, Final C-102																					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.																					
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																					
Printed Name: Tracie Elston Signature: <i>Tracie Elston</i> Date: 08/24/2022										Title: Regulatory E-mail Address: telston@mewbourne.com											
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										Latitude Longitude NAD83											

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Rustler	1780	T. Bell Canyon	T. Ojo Alamo	T. Penn A"	
T. Salt	2080	T. Strawn	T. Kirtland	T. Penn. "B"	
B. Salt	3260	T. Atoka	T. Fruitland	T. Penn. "C"	
T. Yates	3460	T. Miss	T. Pictured Cliffs	T. Penn. "D"	
T. 7 Rivers	3960	T. Devonian	T. Cliff House	T. Leadville	
T. Queen	4640	T. Silurian	T. Menefee	T. Madison	
T. Grayburg		T. Montoya	T. Point Lookout	T. Elbert	
T. San Andres		T. Simpson	T. Mancos	T. McCracken	
T. Glorieta		T. McKee	T. Gallup	T. Ignacio Ortiz	
T. Paddock		T. Ellenburger	Base Greenhorn	T. Granite	
T. Blinberry		T. Gr. Wash	T. Dakota		
T. Tubb		T. Delaware 5930	T. Morrison		
T. Drinkard		T. Bone Springs 7970	T. Todilto		
T. Abo		T. Castile	T. Entrada		
T. Wolfcamp		T. Manzanita	T. Wingate		
T. Penn		B. Cherry Canyon	T. Chinle		
T. Cisco (Bough C)		T. Bell Canyon	T. Wolfcamp 11055		

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
------	----	----------------------	-----------	------	----	----------------------	-----------

Mewbourne Oil Company
Well Name: Charotals 28/21 WMD State Com #1H
API: 30-025-49804 Property Code: 325114 Lea Co., NM
Pools: LEIN RANCH; WOLFCAMP/SCHARB; WOLFCAMI 320 Acre Spacing
Updated by: Christian Ward
Date Updated: 8/05/2022

Spud Date: 3/28/2022
TD Date: 4/19/2022
Rig Release: 4/21/2022
Free Complete: 7/28/2022
Prod Date: 8/5/2022
GL: 3728

Formation	Depth
Rustler	1780'
Salt Top	2030'
Salt Base	3200'
Texas	3460'
Shinarump	3600'
Shinarump	3800'
Shinarump	4000'
Shinarump	4200'
Shinarump	4400'
Shinarump	4600'
Shinarump	4800'
Shinarump	5000'
Shinarump	5200'
Shinarump	5400'
Shinarump	5600'
Shinarump	5800'
Shinarump	6000'
Shinarump	6200'
Shinarump	6400'
Shinarump	6600'
Shinarump	6800'
Shinarump	7000'
Shinarump	7200'
Shinarump	7400'
Shinarump	7600'
Shinarump	7800'
Shinarump	8000'
Shinarump	8200'
Shinarump	8400'
Shinarump	8600'
Shinarump	8800'
Shinarump	9000'
Shinarump	9200'
Shinarump	9400'
Shinarump	9600'
Shinarump	9800'
Shinarump	10000'
Shinarump	10200'
Shinarump	10400'
Shinarump	10600'
Shinarump	10800'
Shinarump	11000'

Surface
17 1/2" x 13 3/8" 54.5# J55 STC
Set @ 1602'
Cml w/ 1200' sx
Circ 5 1/8" sx to pit
Lead TOC: Surface
Tail TOC: 1625'

Intermediate
12 1/4" x 9 5/8" 40# L80 LTC
Set @ 3485'
Cml w/ 800' sx
Circ 87 sx to pit
Lead TOC: Surface
Tail TOC: 2690'

Production
8 3/4" x 7" 28# HCP110 BT&C
Set @ 10470'
Cml w/ 800' sx
Circ 48 sx to pit
Lead TOC: Surface
Tail TOC: 7383'

Liner
6 1/8" x 4 1/2" 13.5# HCP110 CDC HTQ
Set @ 10228' - 21350'
TOC @ 10228'

KOP @ 10497'
Dev @ KOP: 0.44°
TVD @ 11089'
TD 8 1/8" hole @ 21350'
PBD: 21325'
Perfs: 11434' - 21308', 0.39, 2844

Free horizontal Wolfcamp w/ 24455424 gals brackish slickwater, carrying 24003320# Local 100 Mesh Sand

MD	TVD	Lat	Long	Footage	FSL	B70'	FWL	Section	Township	Lease	Prod // lease	Qtr
SHL	0	32.6247162	-103.4671856	205'	FSL	1305'	FWL	28	18S35E	State	Yes	SWSW
KOP	10497	32.6242038	-103.4666197	19'	FSL	1305'	FWL	28	18S35E	State	Yes	SWSW
FTP	11434	32.6258210	-103.4666304	607'	FSL	1301'	FWL	28	18S35E	State	Yes	SWSW
LTP	21323	32.6529922	-103.4655968	107'	FNL	1311'	FWL	21	18S35E	State	Yes	SWSW
BHL	21350	32.6530664	-103.4655966	80'	FNL	1311'	FWL	21	18S35E	State	Yes	NNNW

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 137568

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 137568
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 137568

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 137568
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	10/21/2025