

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised August 1, 2011

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-46804
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Santa Vaca 19 B3NC Fee
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat Scharb; Bone Spring (55610)
4. Well Location Unit Letter <u>N</u> : <u>205</u> feet from the <u>South</u> line and <u>1380</u> feet from the <u>West</u> line Section <u>19</u> Township <u>19S</u> Range <u>35E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3793' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mewbourne Oil Company has an approved APD for the above well. MOC requests approval to make the following changes:

1 – Change well name to Santa Vaca 19/18 B2MD State Com #1H.

2 – Change BHL to 100' FNL & 500' FWL, Sec 18, T19S, R35E.

3 – Adjust casing & cement design as detailed below.

Casing Type	Fluid Type	Hole Size	Casing Size	Casing Grade	Casing Weight	Top MD	Setting Depth	Sacks Cement	Top Cement
Surface	Spud Mud	17.5	13 3/8"	J55	54.5	0	1875	1305	0
Intermediate	Brine	12.25	9 5/8"	L80	40	0	3500	795	0
Production	Cut Brine	8.75	7 5/8"	P110	39	0	10832	850	4750
Liner	OBM	6.125	4 1/2"	P110	13.5	9921	20756	435	9921

Spud Date: Est. July 2021

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Andrew W Taylor TITLE Engineer DATE 6/14/2021

Type or print name Andy Taylor E-mail address: ataylor@mewbourne.com PHONE: (575) 393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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 30-025-46803	² Pool Code 55610	³ Pool Name Scharb; Bone Spring
⁴ Property Code 331374	⁵ Property Name SANTA VACA 19 18 B3MD STATE COM	⁶ Well Number 1H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBORNE OIL COMPANY	⁹ Elevation 3788'

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
N	19	19S	35E		205	SOUTH	1350	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
1	18	19S	35E		100	NORTH	500	WEST	LEA
¹² Dedicated Acres 315.6	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.

© N 89°37'19" E 2638.39' (D) S 89°21'45" E 2634.50' (E)

16

100'

B.H.

500'

LOT 1
(39.40 Ac.)

LOT 2
(39.43 Ac.)

LOT 3
(39.47 Ac.)

LOT 4
(39.50 Ac.)

18

GEODETIC DATA
NAD 83 GRID - NM EAST

BOTTOM HOLE
LAT: 32.6676486° N
LONG: 103.5035764° W

S 89°59'47" E 2630.87' N 89°26'41" E 2644.73'

19

LOT 1
(39.50 Ac.)

LOT 2
(39.47 Ac.)

LOT 3
(39.43 Ac.)

LOT 4
(39.40 Ac.)

1350'

S.L.

205'

1

N 89°36'24" E 2640.61' (J) N 89°36'43" E 2639.80' (I)

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 Andrew W Taylor Date 6/14/2021

Printed Name Andy Taylor

E-mail Address ataylor@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.

Date of Survey 05-21-2021

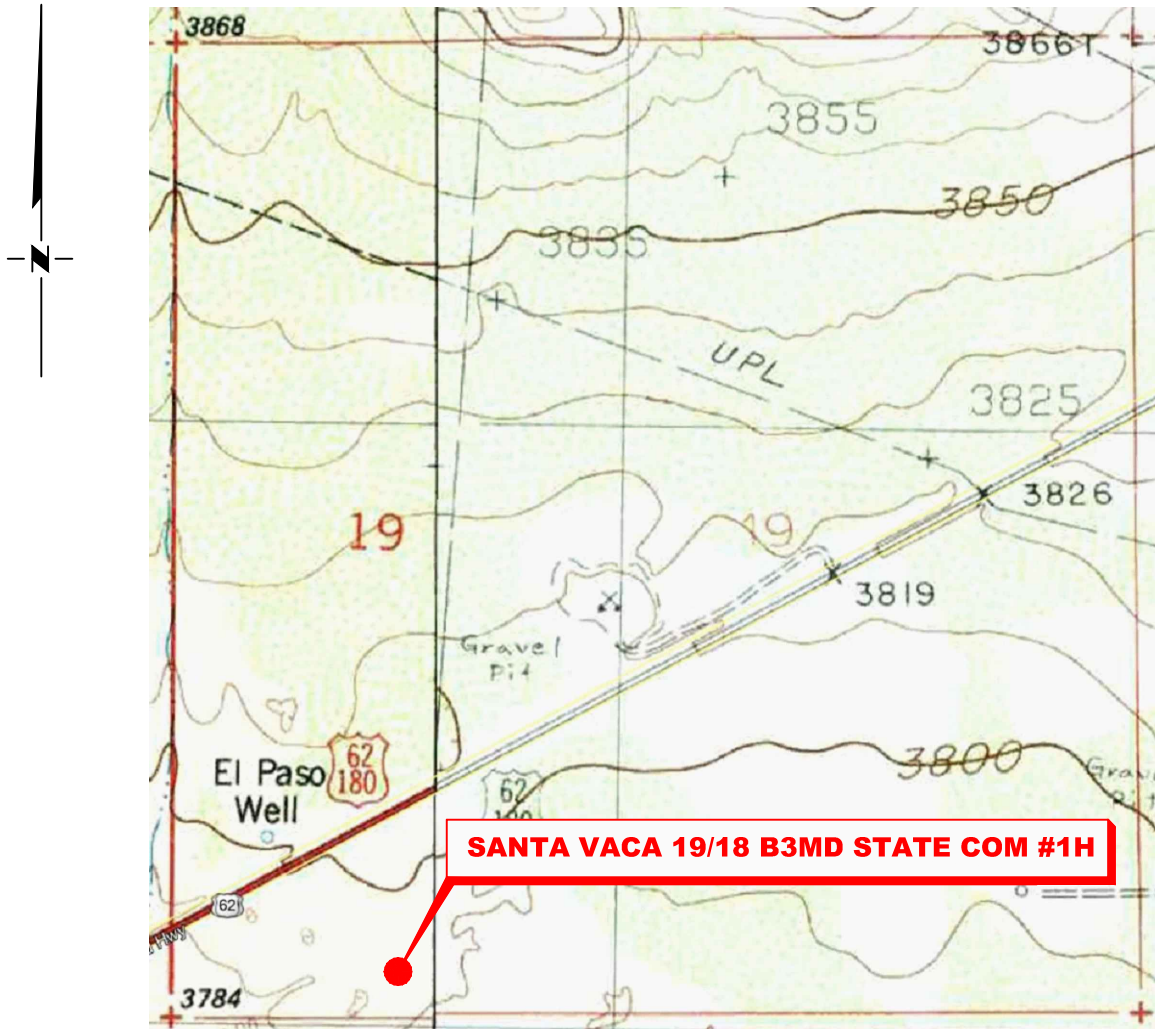
Signature and Seal of Professional Surveyor Robert M. Howett

Certificate Number

Job No: LS21050528

LOCATION VERIFICATION MAP

NOT TO SCALE



*SECTION 19, TWP. 19 SOUTH, RGE. 35 EAST,
N. M. P. M., LEA CO., NEW MEXICO*

OPERATOR: Mewbourne Oil CompanyLOCATION: 205' FSL & 1350' FWLLEASE: Santa Vaca 19/18 B3MD State ComCONTOUR INTERVAL: 10'WELL NO.: 1H

USGS TOPO. SOURCE MAP:

ELEVATION: 3788'Ironhouse Well, NM (1985)

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NO.	REVISION	DATE
JOB NO.: LS21050528		
DWG. NO.: 21050528-2		

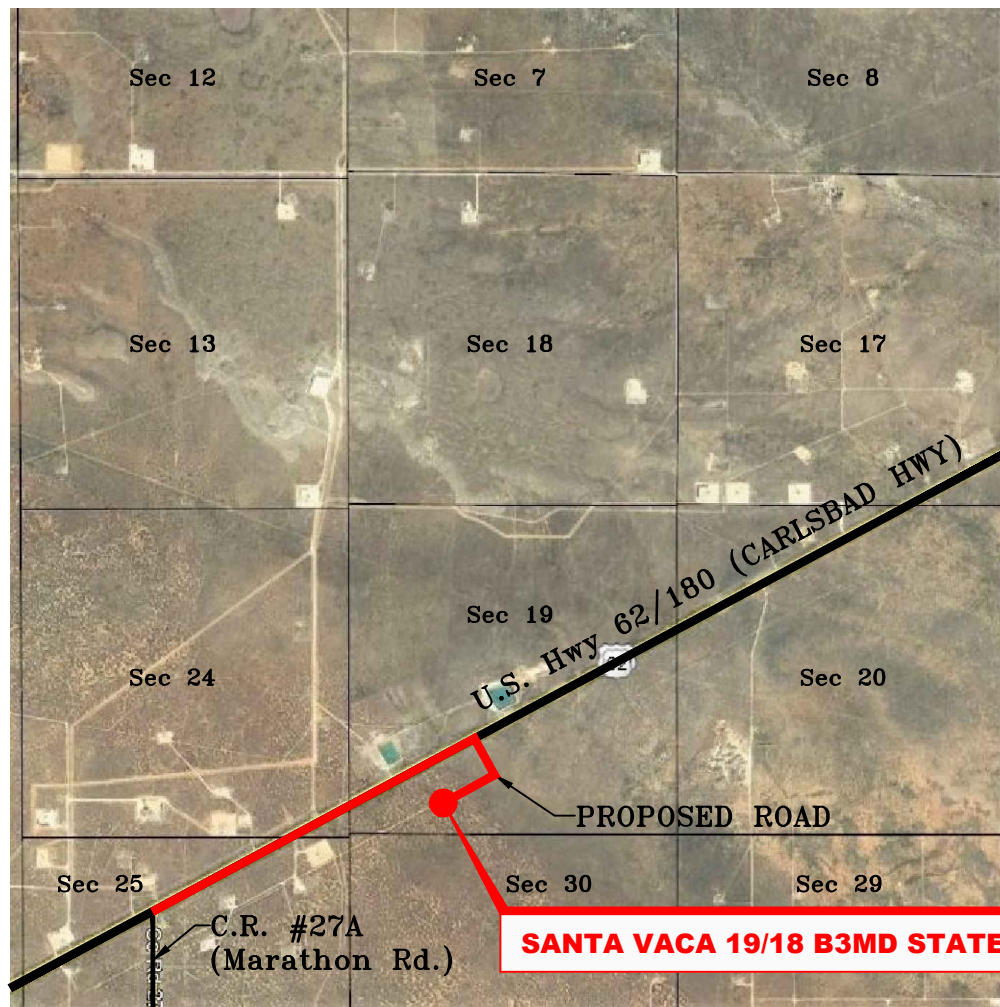


701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T. S.
DATE: 05-21-2021
SURVEYED BY: ML/JC
DRAWN BY: BB
APPROVED BY: RMH
SHEET: 1 OF 1

VICINITY MAP

NOT TO SCALE



*SECTION 19, TWP. 19 SOUTH, RGE. 35 EAST,
N. M. P. M., LEA CO., NEW MEXICO*

OPERATOR: Mewbourne Oil Company
 LEASE: Santa Vaca 19/18 B3MD State Com
 WELL NO.: 1H

LOCATION: 205' FSL & 1350' FWL
 ELEVATION: 3788'

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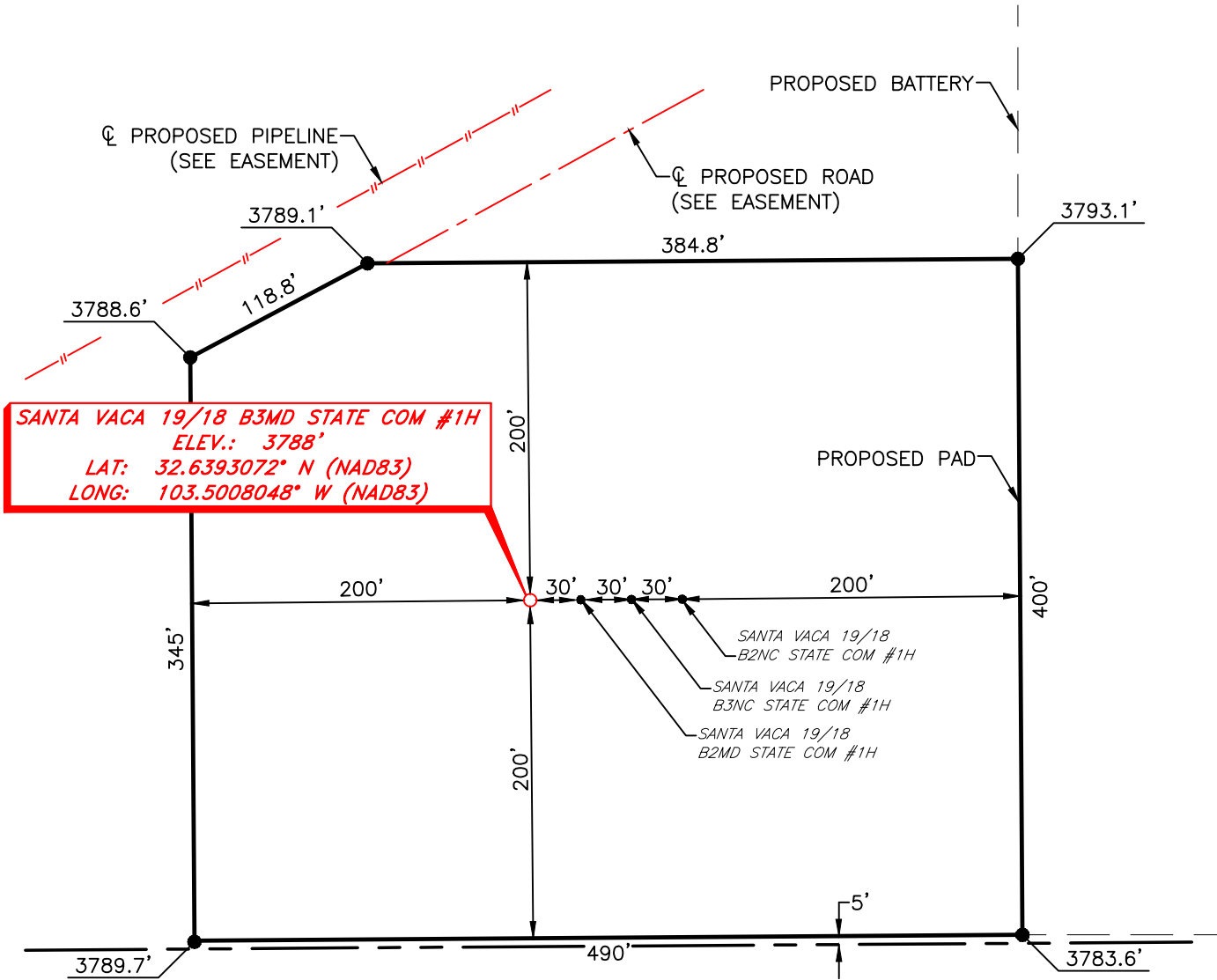
NO.	REVISION	DATE
JOB NO.: LS21050528		
DWG. NO.: 21050528-3		



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

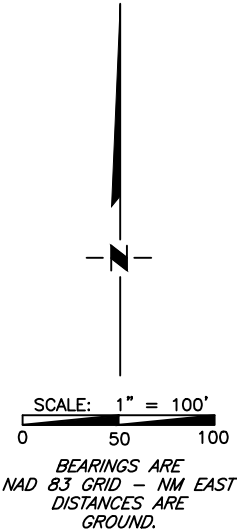
SCALE: N. T. S.
DATE: 05-21-2021
SURVEYED BY: ML/JC
DRAWN BY: BB
APPROVED BY: RMH
SHEET: 1 OF 1

MEWBOURNE OIL COMPANY
SANTA VACA 19/18 B3MD STATE COM #1H
(205' FSL & 1350' FWL)
SECTION 19, T19S, R35E
N. M. P. M., LEA CO., NEW MEXICO



DIRECTIONS TO LOCATION

From the intersection of U.S. Hwy 62/180 (Carlsbad Hwy) & CR #27A (Marathon Rd.);
Go Northeast on U.S. Hwy 62/180 approx. 1.1 miles to a proposed road on the right;
Turn right and go Southeast approx. 0.1 miles road turns right;
Turn right and go Southwest approx. 0.2 miles to location on the left.



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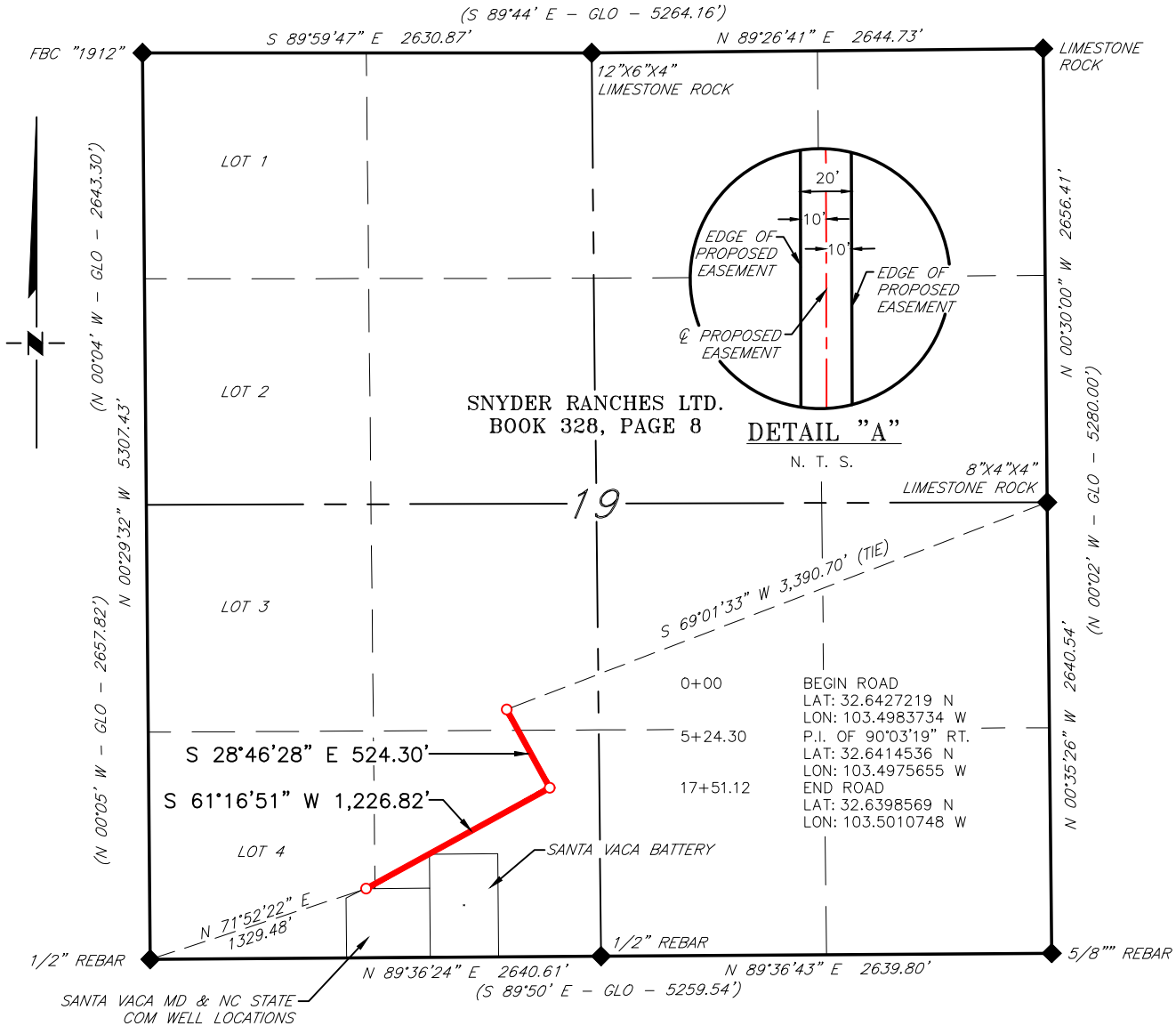
NO.	REVISION	DATE
JOB NO.: LS21050528		
DWG. NO.: 21050528-4		



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
DATE: 05-21-2021
SURVEYED BY: ML/JC
DRAWN BY: BB
APPROVED BY: RMH
SHEET: 1 OF 1

MEWBOURNE OIL COMPANY
PROPOSED ACCESS ROAD FOR THE SANTA VACA 19/18 MD & NC
STATE COM #1H WELL LOCATIONS & BATTERY
SECTION 19, T19S, R35E
N. M. P. M., LEA COUNTY, NEW MEXICO



DESCRIPTION

A strip of land 20 feet wide, being 1,751.12 feet or 106.129 rods in length, lying in Section 19, Township 19 South, Range 35 East, N. M. P. M., Lea County, New Mexico, being 10 feet left and 10 feet right of the following described survey of a centerline across the lands of Snyder Ranches LTD., according to a deed filed for record in Book 328, Page 8, of the Deed Records of Lea County, New Mexico:

BEGINNING at Engr. Sta. 0+00, a point in the Southwest quarter of Section 19, which bears, S 69°01'33" W, 3,390.70 feet from a 8"x4"x4" Limestone rock, found for the East quarter corner of Section 19;

Thence S 28°46'28" E, 524.30 feet, to Engr. Sta. 5+24.30, a P. I. of 90°03'19" right;

Thence S 61°16'51" W, 1,226.82 feet, to Engr. Sta. 17+51.12, the End of Survey, a point in Lot 4, Section 19, which bears, N 71°52'22" E, 1,329.48 feet from a 1/2" Rebar, found for the Southwest corner of Section 19.

Said strip of land contains 0.804 acres, more or less, and is allocated by forties as follows:

NE 1/4 SW 1/4	8.411 Rods	0.064 Acres
SE 1/4 SW 1/4	94.086 Rods	0.713 Acres
LOT 4	3.632 Rods	0.027 Acres

SCALE: 1" = 1000'
0 500' 1000'
BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND

- () RECORD DATA - GLO
- ◆ FOUND MONUMENT AS NOTED
- PROPOSED ACCESS ROAD

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
Robert M. Howett NM PS 19680



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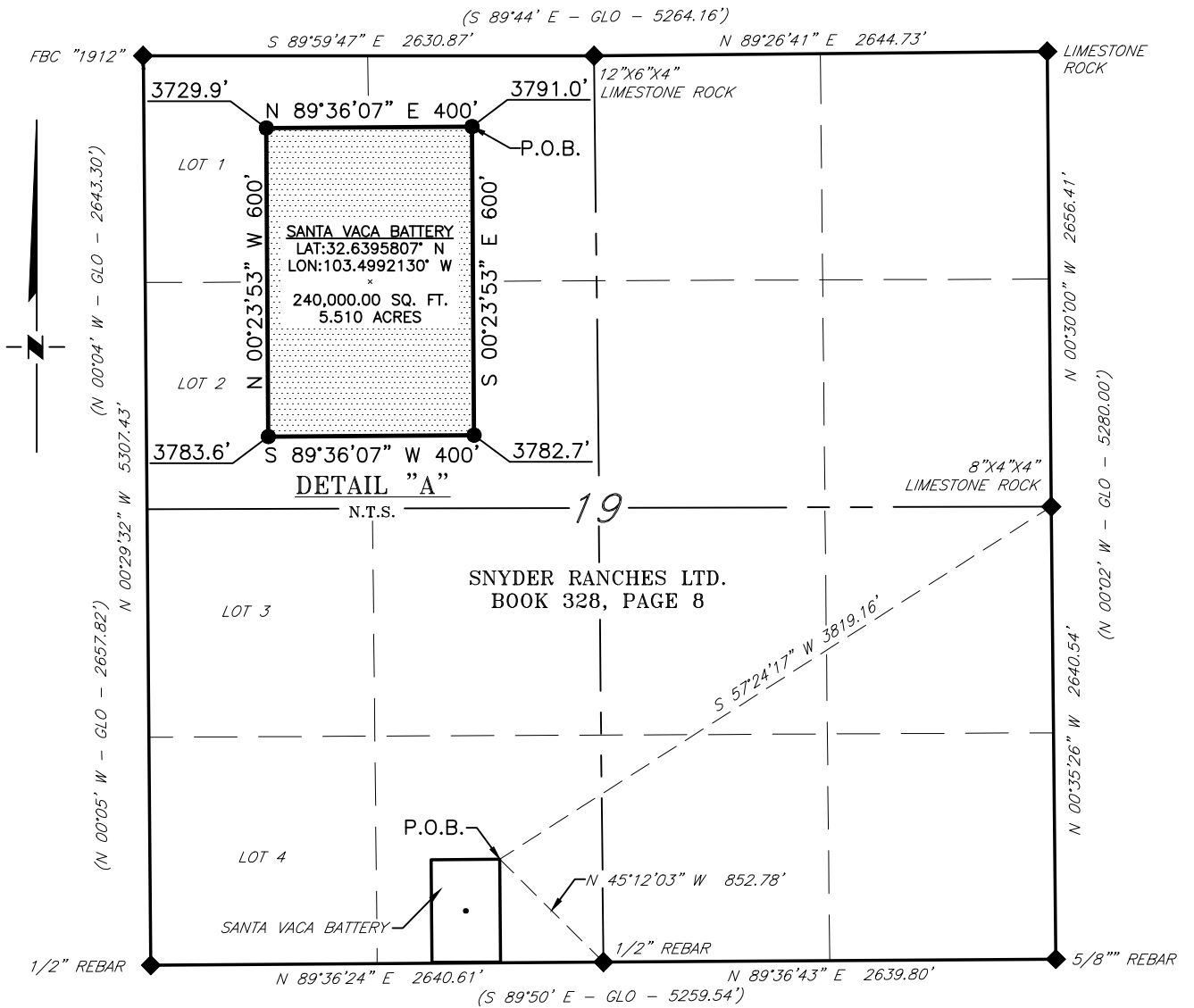
NO.	REVISION	DATE
JOB NO.:	LS21020105	
DWG. NO.:	21020105-5	



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 05-21-2021
SURVEYED BY: ML/JC
DRAWN BY: BB
APPROVED BY: RMH
SHEET: 1 OF 1

MEWBOURNE OIL COMPANY
PROPOSED SANTA VACA BATTERY
SECTION 19, T19S, R35E
N. M. P. M., LEA COUNTY, NEW MEXICO



DESCRIPTION

A tract of land situated within the Southwest quarter of Section 19, Township 19 South, Range 35 East, N. M. P. M. Lea County, New Mexico, across the lands of Snyder Ranches LTD., according to a deed filed for record in Book 328, Page 8, of the Deed Records of Lea County, New Mexico and being more particularly described by metes and bounds as follows:

BEGINNING at a point which bears, S 57°24'17" W, 3,819.16 feet from a 8"x4"x4" Limestone rock, found for the East quarter corner of Section 19 and being N 45°12'03" W, 852.78 feet from a 1/2" Rebar, found for the South quarter corner of Section 19;

Thence S 00°23'53" E, 600 feet, to a point;

Thence S 89°36'07" W, 400 feet, to a point;

Thence N 00°23'53" W, 600 feet, to a point;

Thence N 89°36'07" E, 400 feet, to the Point of Beginning.

Said tract of land contains 240,000 square feet or 5.510 acres, more or less and is allocated by forties as follows:

SCALE: 1" = 1000'
0 500' 1000'

SE 1/4 SW 1/4 240,000 Sq. Ft. 5.510 Acres

BEARINGS ARE GRID NAD 83
NM EAST
DISTANCES ARE HORIZ. GROUND.

LEGEND

() RECORD DATA - GLO
◆ FOUND MONUMENT
AS NOTED
P.O.B. POINT OF BEGINNING

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett NM PS 19680



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NO.	REVISION	DATE
JOB NO.:	LS21020105	
DWG. NO.:	21020105-6	



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 05-21-2021
SURVEYED BY: ML/JC
DRAWN BY: BB
APPROVED BY: RMH
SHEET: 1 OF 1

Mewbourne Oil Company

Lea County, New Mexico NAD 83

Santa Vaca 19/18 B2MD State Com #1H

Sec 19, T19S, R35E

SHL: 205' FSL & 1380' FWL, Sec 19

BHL: 100' FNL & 500' FWL, Sec 18

Plan: Design #1

Standard Planning Report

07 June, 2021

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Santa Vaca 19/18 B2MD State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3816.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3816.0usft (Original Well Elev)
Site:	Santa Vaca 19/18 B2MD State Com #1H	North Reference:	Grid
Well:	Sec 19, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FNL & 500' FWL, Sec 18		
Design:	Design #1		

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

Site	Santa Vaca 19/18 B2MD State Com #1H		
Site Position:		Northing:	597,315.00 usft
From:	Map	Easting:	797,639.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32.6393063
		Longitude:	-103.5007057

Well	Sec 19, T19S, R35E		
Well Position	+N/-S	0.0 usft	Northing: 597,315.00 usft
	+E/-W	0.0 usft	Easting: 797,639.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,816.0 usft
Grid Convergence:	0.45 °	Ground Level:	3,788.0 usft

Wellbore	BHL: 100' FNL & 500' FWL, Sec 18				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.14	60.49	48,515.92806601

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	354.66

Plan Survey Tool Program	Date	6/7/2021		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	20,756.0	Design #1 (BHL: 100' FNL & 500'	

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,950.0	0.00	0.00	1,950.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,288.9	6.78	257.11	2,288.1	-4.5	-19.5	2.00	2.00	0.00	257.11	
9,581.7	6.78	257.11	9,529.9	-196.5	-858.5	0.00	0.00	0.00	0.00	
9,920.6	0.00	0.00	9,868.0	-201.0	-878.0	2.00	-2.00	0.00	180.00	KOP: 10' FSL & 500' I
10,832.0	91.13	359.53	10,441.0	383.3	-882.8	10.00	10.00	0.00	-0.47	
20,756.0	91.13	359.53	10,246.0	10,305.0	-964.0	0.00	0.00	0.00	0.00	BHL: 100' FNL & 500'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Santa Vaca 19/18 B2MD State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3816.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3816.0usft (Original Well Elev)
Site:	Santa Vaca 19/18 B2MD State Com #1H	North Reference:	Grid
Well:	Sec 19, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FNL & 500' FWL, Sec 18		
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: 205' FSL & 1380' FWL (19)									
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	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,950.0	0.00	0.00	1,950.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	1.00	257.11	2,000.0	-0.1	-0.4	-0.1	2.00	2.00	0.00
2,100.0	3.00	257.11	2,099.9	-0.9	-3.8	-0.5	2.00	2.00	0.00
2,200.0	5.00	257.11	2,199.7	-2.4	-10.6	-1.4	2.00	2.00	0.00
2,288.9	6.78	257.11	2,288.1	-4.5	-19.5	-2.6	2.00	2.00	0.00
2,300.0	6.78	257.11	2,299.1	-4.8	-20.8	-2.8	0.00	0.00	0.00
2,400.0	6.78	257.11	2,398.4	-7.4	-32.3	-4.4	0.00	0.00	0.00
2,500.0	6.78	257.11	2,497.7	-10.0	-43.8	-5.9	0.00	0.00	0.00
2,600.0	6.78	257.11	2,597.0	-12.7	-55.3	-7.5	0.00	0.00	0.00
2,700.0	6.78	257.11	2,696.3	-15.3	-66.8	-9.0	0.00	0.00	0.00
2,800.0	6.78	257.11	2,795.6	-17.9	-78.3	-10.6	0.00	0.00	0.00
2,900.0	6.78	257.11	2,894.9	-20.6	-89.8	-12.1	0.00	0.00	0.00
3,000.0	6.78	257.11	2,994.2	-23.2	-101.3	-13.7	0.00	0.00	0.00
3,100.0	6.78	257.11	3,093.5	-25.8	-112.8	-15.2	0.00	0.00	0.00
3,200.0	6.78	257.11	3,192.8	-28.5	-124.3	-16.8	0.00	0.00	0.00
3,300.0	6.78	257.11	3,292.1	-31.1	-135.8	-18.3	0.00	0.00	0.00
3,400.0	6.78	257.11	3,391.4	-33.7	-147.3	-19.9	0.00	0.00	0.00
3,500.0	6.78	257.11	3,490.7	-36.4	-158.8	-21.4	0.00	0.00	0.00
3,600.0	6.78	257.11	3,590.0	-39.0	-170.3	-23.0	0.00	0.00	0.00
3,700.0	6.78	257.11	3,689.3	-41.6	-181.9	-24.5	0.00	0.00	0.00
3,800.0	6.78	257.11	3,788.6	-44.3	-193.4	-26.1	0.00	0.00	0.00
3,900.0	6.78	257.11	3,888.0	-46.9	-204.9	-27.6	0.00	0.00	0.00
4,000.0	6.78	257.11	3,987.3	-49.5	-216.4	-29.2	0.00	0.00	0.00
4,100.0	6.78	257.11	4,086.6	-52.2	-227.9	-30.7	0.00	0.00	0.00
4,200.0	6.78	257.11	4,185.9	-54.8	-239.4	-32.3	0.00	0.00	0.00
4,300.0	6.78	257.11	4,285.2	-57.4	-250.9	-33.8	0.00	0.00	0.00
4,400.0	6.78	257.11	4,384.5	-60.1	-262.4	-35.4	0.00	0.00	0.00
4,500.0	6.78	257.11	4,483.8	-62.7	-273.9	-36.9	0.00	0.00	0.00
4,600.0	6.78	257.11	4,583.1	-65.3	-285.4	-38.5	0.00	0.00	0.00
4,700.0	6.78	257.11	4,682.4	-68.0	-296.9	-40.0	0.00	0.00	0.00
4,800.0	6.78	257.11	4,781.7	-70.6	-308.4	-41.6	0.00	0.00	0.00
4,900.0	6.78	257.11	4,881.0	-73.2	-319.9	-43.1	0.00	0.00	0.00
5,000.0	6.78	257.11	4,980.3	-75.9	-331.4	-44.7	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Santa Vaca 19/18 B2MD State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3816.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3816.0usft (Original Well Elev)
Site:	Santa Vaca 19/18 B2MD State Com #1H	North Reference:	Grid
Well:	Sec 19, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FNL & 500' FWL, Sec 18		
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	6.78	257.11	5,079.6	-78.5	-342.9	-46.2	0.00	0.00	0.00
5,200.0	6.78	257.11	5,178.9	-81.1	-354.4	-47.8	0.00	0.00	0.00
5,300.0	6.78	257.11	5,278.2	-83.8	-365.9	-49.3	0.00	0.00	0.00
5,400.0	6.78	257.11	5,377.5	-86.4	-377.4	-50.9	0.00	0.00	0.00
5,500.0	6.78	257.11	5,476.8	-89.0	-388.9	-52.4	0.00	0.00	0.00
5,600.0	6.78	257.11	5,576.1	-91.7	-400.4	-54.0	0.00	0.00	0.00
5,700.0	6.78	257.11	5,675.4	-94.3	-411.9	-55.5	0.00	0.00	0.00
5,800.0	6.78	257.11	5,774.7	-96.9	-423.4	-57.1	0.00	0.00	0.00
5,900.0	6.78	257.11	5,874.0	-99.6	-434.9	-58.6	0.00	0.00	0.00
6,000.0	6.78	257.11	5,973.3	-102.2	-446.4	-60.2	0.00	0.00	0.00
6,100.0	6.78	257.11	6,072.6	-104.8	-457.9	-61.7	0.00	0.00	0.00
6,200.0	6.78	257.11	6,171.9	-107.5	-469.5	-63.3	0.00	0.00	0.00
6,300.0	6.78	257.11	6,271.2	-110.1	-481.0	-64.8	0.00	0.00	0.00
6,400.0	6.78	257.11	6,370.5	-112.7	-492.5	-66.4	0.00	0.00	0.00
6,500.0	6.78	257.11	6,469.8	-115.4	-504.0	-67.9	0.00	0.00	0.00
6,600.0	6.78	257.11	6,569.1	-118.0	-515.5	-69.5	0.00	0.00	0.00
6,700.0	6.78	257.11	6,668.4	-120.6	-527.0	-71.0	0.00	0.00	0.00
6,800.0	6.78	257.11	6,767.7	-123.3	-538.5	-72.6	0.00	0.00	0.00
6,900.0	6.78	257.11	6,867.0	-125.9	-550.0	-74.1	0.00	0.00	0.00
7,000.0	6.78	257.11	6,966.3	-128.5	-561.5	-75.7	0.00	0.00	0.00
7,100.0	6.78	257.11	7,065.6	-131.2	-573.0	-77.2	0.00	0.00	0.00
7,200.0	6.78	257.11	7,164.9	-133.8	-584.5	-78.8	0.00	0.00	0.00
7,300.0	6.78	257.11	7,264.2	-136.4	-596.0	-80.3	0.00	0.00	0.00
7,400.0	6.78	257.11	7,363.5	-139.1	-607.5	-81.9	0.00	0.00	0.00
7,500.0	6.78	257.11	7,462.8	-141.7	-619.0	-83.4	0.00	0.00	0.00
7,600.0	6.78	257.11	7,562.1	-144.3	-630.5	-85.0	0.00	0.00	0.00
7,700.0	6.78	257.11	7,661.4	-147.0	-642.0	-86.5	0.00	0.00	0.00
7,800.0	6.78	257.11	7,760.7	-149.6	-653.5	-88.1	0.00	0.00	0.00
7,900.0	6.78	257.11	7,860.0	-152.2	-665.0	-89.6	0.00	0.00	0.00
8,000.0	6.78	257.11	7,959.3	-154.9	-676.5	-91.2	0.00	0.00	0.00
8,100.0	6.78	257.11	8,058.6	-157.5	-688.0	-92.7	0.00	0.00	0.00
8,200.0	6.78	257.11	8,157.9	-160.1	-699.5	-94.3	0.00	0.00	0.00
8,300.0	6.78	257.11	8,257.2	-162.8	-711.0	-95.8	0.00	0.00	0.00
8,400.0	6.78	257.11	8,356.5	-165.4	-722.5	-97.4	0.00	0.00	0.00
8,500.0	6.78	257.11	8,455.8	-168.0	-734.0	-98.9	0.00	0.00	0.00
8,600.0	6.78	257.11	8,555.1	-170.7	-745.5	-100.5	0.00	0.00	0.00
8,700.0	6.78	257.11	8,654.4	-173.3	-757.1	-102.0	0.00	0.00	0.00
8,800.0	6.78	257.11	8,753.7	-175.9	-768.6	-103.6	0.00	0.00	0.00
8,900.0	6.78	257.11	8,853.0	-178.6	-780.1	-105.1	0.00	0.00	0.00
9,000.0	6.78	257.11	8,952.3	-181.2	-791.6	-106.7	0.00	0.00	0.00
9,100.0	6.78	257.11	9,051.6	-183.8	-803.1	-108.2	0.00	0.00	0.00
9,200.0	6.78	257.11	9,150.9	-186.5	-814.6	-109.8	0.00	0.00	0.00
9,300.0	6.78	257.11	9,250.2	-189.1	-826.1	-111.4	0.00	0.00	0.00
9,400.0	6.78	257.11	9,349.5	-191.7	-837.6	-112.9	0.00	0.00	0.00
9,500.0	6.78	257.11	9,448.8	-194.4	-849.1	-114.5	0.00	0.00	0.00
9,581.7	6.78	257.11	9,529.9	-196.5	-858.5	-115.7	0.00	0.00	0.00
9,600.0	6.41	257.11	9,548.1	-197.0	-860.5	-116.0	2.00	-2.00	0.00
9,700.0	4.41	257.11	9,647.7	-199.1	-869.7	-117.2	2.00	-2.00	0.00
9,800.0	2.41	257.11	9,747.5	-200.4	-875.5	-118.0	2.00	-2.00	0.00
9,900.0	0.41	257.11	9,847.5	-201.0	-877.9	-118.3	2.00	-2.00	0.00
9,920.6	0.00	0.00	9,868.0	-201.0	-878.0	-118.3	2.00	-2.00	0.00
KOP: 10' FSL & 500' FWL (19)									
9,950.0	2.94	359.53	9,897.4	-200.2	-878.0	-117.6	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Santa Vaca 19/18 B2MD State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3816.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3816.0usft (Original Well Elev)
Site:	Santa Vaca 19/18 B2MD State Com #1H	North Reference:	Grid
Well:	Sec 19, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FNL & 500' FWL, Sec 18		
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)
10,000.0	7.94	359.53	9,947.2	-195.5	-878.0	-112.9	10.00	10.00	0.00
10,050.0	12.94	359.53	9,996.4	-186.4	-878.1	-103.9	10.00	10.00	0.00
10,100.0	17.94	359.53	10,044.5	-173.1	-878.2	-90.6	10.00	10.00	0.00
10,150.0	22.94	359.53	10,091.4	-155.7	-878.4	-73.2	10.00	10.00	0.00
10,200.0	27.94	359.53	10,136.5	-134.2	-878.5	-51.8	10.00	10.00	0.00
10,246.1	32.55	359.53	10,176.4	-111.0	-878.7	-28.7	10.00	10.00	0.00
FTP: 100' FSL & 500' FWL (19)									
10,250.0	32.94	359.53	10,179.6	-108.9	-878.8	-26.6	10.00	10.00	0.00
10,300.0	37.93	359.53	10,220.3	-79.9	-879.0	2.3	10.00	10.00	0.00
10,350.0	42.93	359.53	10,258.4	-47.5	-879.3	34.6	10.00	10.00	0.00
10,400.0	47.93	359.53	10,293.5	-11.9	-879.5	70.1	10.00	10.00	0.00
10,450.0	52.93	359.53	10,325.3	26.6	-879.9	108.5	10.00	10.00	0.00
10,500.0	57.93	359.53	10,353.7	67.8	-880.2	149.5	10.00	10.00	0.00
10,550.0	62.93	359.53	10,378.3	111.3	-880.6	192.8	10.00	10.00	0.00
10,600.0	67.93	359.53	10,399.1	156.7	-880.9	238.1	10.00	10.00	0.00
10,650.0	72.93	359.53	10,415.9	203.8	-881.3	285.0	10.00	10.00	0.00
10,700.0	77.93	359.53	10,428.4	252.2	-881.7	333.2	10.00	10.00	0.00
10,750.0	82.93	359.53	10,436.7	301.5	-882.1	382.3	10.00	10.00	0.00
10,800.0	87.92	359.53	10,440.7	351.3	-882.5	432.0	10.00	10.00	0.00
10,832.0	91.12	359.53	10,441.0	383.3	-882.8	463.9	10.00	10.00	0.00
LP: 590' FSL & 500' FWL (19)									
10,900.0	91.13	359.53	10,439.7	451.3	-883.3	531.6	0.00	0.00	0.00
11,000.0	91.13	359.53	10,437.7	551.3	-884.2	631.2	0.00	0.00	0.00
11,100.0	91.13	359.53	10,435.7	651.2	-885.0	730.8	0.00	0.00	0.00
11,200.0	91.13	359.53	10,433.8	751.2	-885.8	830.4	0.00	0.00	0.00
11,300.0	91.13	359.53	10,431.8	851.2	-886.6	930.1	0.00	0.00	0.00
11,400.0	91.13	359.53	10,429.8	951.2	-887.4	1,029.7	0.00	0.00	0.00
11,500.0	91.13	359.53	10,427.9	1,051.1	-888.2	1,129.3	0.00	0.00	0.00
11,600.0	91.13	359.53	10,425.9	1,151.1	-889.1	1,228.9	0.00	0.00	0.00
11,700.0	91.13	359.53	10,423.9	1,251.1	-889.9	1,328.5	0.00	0.00	0.00
11,800.0	91.13	359.53	10,422.0	1,351.1	-890.7	1,428.2	0.00	0.00	0.00
11,900.0	91.13	359.53	10,420.0	1,451.0	-891.5	1,527.8	0.00	0.00	0.00
12,000.0	91.13	359.53	10,418.0	1,551.0	-892.3	1,627.4	0.00	0.00	0.00
12,100.0	91.13	359.53	10,416.1	1,651.0	-893.2	1,727.0	0.00	0.00	0.00
12,200.0	91.13	359.53	10,414.1	1,751.0	-894.0	1,826.6	0.00	0.00	0.00
12,300.0	91.13	359.53	10,412.2	1,851.0	-894.8	1,926.3	0.00	0.00	0.00
12,400.0	91.13	359.53	10,410.2	1,950.9	-895.6	2,025.9	0.00	0.00	0.00
12,500.0	91.13	359.53	10,408.2	2,050.9	-896.4	2,125.5	0.00	0.00	0.00
12,600.0	91.13	359.53	10,406.3	2,150.9	-897.3	2,225.1	0.00	0.00	0.00
12,700.0	91.13	359.53	10,404.3	2,250.9	-898.1	2,324.7	0.00	0.00	0.00
12,800.0	91.13	359.53	10,402.3	2,350.8	-898.9	2,424.3	0.00	0.00	0.00
12,900.0	91.13	359.53	10,400.4	2,450.8	-899.7	2,524.0	0.00	0.00	0.00
13,000.0	91.13	359.53	10,398.4	2,550.8	-900.5	2,623.6	0.00	0.00	0.00
13,100.0	91.13	359.53	10,396.4	2,650.8	-901.3	2,723.2	0.00	0.00	0.00
13,200.0	91.13	359.53	10,394.5	2,750.8	-902.2	2,822.8	0.00	0.00	0.00
13,300.0	91.13	359.53	10,392.5	2,850.7	-903.0	2,922.4	0.00	0.00	0.00
13,400.0	91.13	359.53	10,390.5	2,950.7	-903.8	3,022.1	0.00	0.00	0.00
13,500.0	91.13	359.53	10,388.6	3,050.7	-904.6	3,121.7	0.00	0.00	0.00
13,600.0	91.13	359.53	10,386.6	3,150.7	-905.4	3,221.3	0.00	0.00	0.00
13,700.0	91.13	359.53	10,384.6	3,250.6	-906.3	3,320.9	0.00	0.00	0.00
13,800.0	91.13	359.53	10,382.7	3,350.6	-907.1	3,420.5	0.00	0.00	0.00
13,900.0	91.13	359.53	10,380.7	3,450.6	-907.9	3,520.2	0.00	0.00	0.00
14,000.0	91.13	359.53	10,378.8	3,550.6	-908.7	3,619.8	0.00	0.00	0.00
14,100.0	91.13	359.53	10,376.8	3,650.5	-909.5	3,719.4	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Santa Vaca 19/18 B2MD State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3816.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3816.0usft (Original Well Elev)
Site:	Santa Vaca 19/18 B2MD State Com #1H	North Reference:	Grid
Well:	Sec 19, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FNL & 500' FWL, Sec 18		
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)	
14,200.0	91.13	359.53	10,374.8	3,750.5	-910.3	3,819.0	0.00	0.00	0.00	
14,300.0	91.13	359.53	10,372.9	3,850.5	-911.2	3,918.6	0.00	0.00	0.00	
14,400.0	91.13	359.53	10,370.9	3,950.5	-912.0	4,018.2	0.00	0.00	0.00	
14,500.0	91.13	359.53	10,368.9	4,050.5	-912.8	4,117.9	0.00	0.00	0.00	
14,600.0	91.13	359.53	10,367.0	4,150.4	-913.6	4,217.5	0.00	0.00	0.00	
14,700.0	91.13	359.53	10,365.0	4,250.4	-914.4	4,317.1	0.00	0.00	0.00	
14,800.0	91.13	359.53	10,363.0	4,350.4	-915.3	4,416.7	0.00	0.00	0.00	
14,900.0	91.13	359.53	10,361.1	4,450.4	-916.1	4,516.3	0.00	0.00	0.00	
15,000.0	91.13	359.53	10,359.1	4,550.3	-916.9	4,616.0	0.00	0.00	0.00	
15,100.0	91.13	359.53	10,357.1	4,650.3	-917.7	4,715.6	0.00	0.00	0.00	
15,200.0	91.13	359.53	10,355.2	4,750.3	-918.5	4,815.2	0.00	0.00	0.00	
15,300.0	91.13	359.53	10,353.2	4,850.3	-919.3	4,914.8	0.00	0.00	0.00	
15,400.0	91.13	359.53	10,351.2	4,950.3	-920.2	5,014.4	0.00	0.00	0.00	
15,500.0	91.13	359.53	10,349.3	5,050.2	-921.0	5,114.1	0.00	0.00	0.00	
15,600.0	91.13	359.53	10,347.3	5,150.2	-921.8	5,213.7	0.00	0.00	0.00	
15,700.0	91.13	359.53	10,345.3	5,250.2	-922.6	5,313.3	0.00	0.00	0.00	
15,800.0	91.13	359.53	10,343.4	5,350.2	-923.4	5,412.9	0.00	0.00	0.00	
15,900.0	91.13	359.53	10,341.4	5,450.1	-924.3	5,512.5	0.00	0.00	0.00	
16,000.0	91.13	359.53	10,339.5	5,550.1	-925.1	5,612.2	0.00	0.00	0.00	
16,100.0	91.13	359.53	10,337.5	5,650.1	-925.9	5,711.8	0.00	0.00	0.00	
16,200.0	91.13	359.53	10,335.5	5,750.1	-926.7	5,811.4	0.00	0.00	0.00	
16,300.0	91.13	359.53	10,333.6	5,850.0	-927.5	5,911.0	0.00	0.00	0.00	
16,400.0	91.13	359.53	10,331.6	5,950.0	-928.4	6,010.6	0.00	0.00	0.00	
16,500.0	91.13	359.53	10,329.6	6,050.0	-929.2	6,110.2	0.00	0.00	0.00	
16,600.0	91.13	359.53	10,327.7	6,150.0	-930.0	6,209.9	0.00	0.00	0.00	
16,700.0	91.13	359.53	10,325.7	6,250.0	-930.8	6,309.5	0.00	0.00	0.00	
16,800.0	91.13	359.53	10,323.7	6,349.9	-931.6	6,409.1	0.00	0.00	0.00	
16,900.0	91.13	359.53	10,321.8	6,449.9	-932.4	6,508.7	0.00	0.00	0.00	
17,000.0	91.13	359.53	10,319.8	6,549.9	-933.3	6,608.3	0.00	0.00	0.00	
17,100.0	91.13	359.53	10,317.8	6,649.9	-934.1	6,708.0	0.00	0.00	0.00	
17,200.0	91.13	359.53	10,315.9	6,749.8	-934.9	6,807.6	0.00	0.00	0.00	
17,300.0	91.13	359.53	10,313.9	6,849.8	-935.7	6,907.2	0.00	0.00	0.00	
17,400.0	91.13	359.53	10,311.9	6,949.8	-936.5	7,006.8	0.00	0.00	0.00	
17,500.0	91.13	359.53	10,310.0	7,049.8	-937.4	7,106.4	0.00	0.00	0.00	
17,600.0	91.13	359.53	10,308.0	7,149.8	-938.2	7,206.1	0.00	0.00	0.00	
17,700.0	91.13	359.53	10,306.0	7,249.7	-939.0	7,305.7	0.00	0.00	0.00	
17,800.0	91.13	359.53	10,304.1	7,349.7	-939.8	7,405.3	0.00	0.00	0.00	
17,900.0	91.13	359.53	10,302.1	7,449.7	-940.6	7,504.9	0.00	0.00	0.00	
18,000.0	91.13	359.53	10,300.2	7,549.7	-941.4	7,604.5	0.00	0.00	0.00	
18,100.0	91.13	359.53	10,298.2	7,649.6	-942.3	7,704.2	0.00	0.00	0.00	
18,200.0	91.13	359.53	10,296.2	7,749.6	-943.1	7,803.8	0.00	0.00	0.00	
18,300.0	91.13	359.53	10,294.3	7,849.6	-943.9	7,903.4	0.00	0.00	0.00	
18,400.0	91.13	359.53	10,292.3	7,949.6	-944.7	8,003.0	0.00	0.00	0.00	
18,500.0	91.13	359.53	10,290.3	8,049.6	-945.5	8,102.6	0.00	0.00	0.00	
18,600.0	91.13	359.53	10,288.4	8,149.5	-946.4	8,202.2	0.00	0.00	0.00	
18,700.0	91.13	359.53	10,286.4	8,249.5	-947.2	8,301.9	0.00	0.00	0.00	
18,800.0	91.13	359.53	10,284.4	8,349.5	-948.0	8,401.5	0.00	0.00	0.00	
18,900.0	91.13	359.53	10,282.5	8,449.5	-948.8	8,501.1	0.00	0.00	0.00	
19,000.0	91.13	359.53	10,280.5	8,549.4	-949.6	8,600.7	0.00	0.00	0.00	
19,100.0	91.13	359.53	10,278.5	8,649.4	-950.4	8,700.3	0.00	0.00	0.00	
19,200.0	91.13	359.53	10,276.6	8,749.4	-951.3	8,800.0	0.00	0.00	0.00	
19,300.0	91.13	359.53	10,274.6	8,849.4	-952.1	8,899.6	0.00	0.00	0.00	
19,400.0	91.13	359.53	10,272.6	8,949.3	-952.9	8,999.2	0.00	0.00	0.00	
19,500.0	91.13	359.53	10,270.7	9,049.3	-953.7	9,098.8	0.00	0.00	0.00	

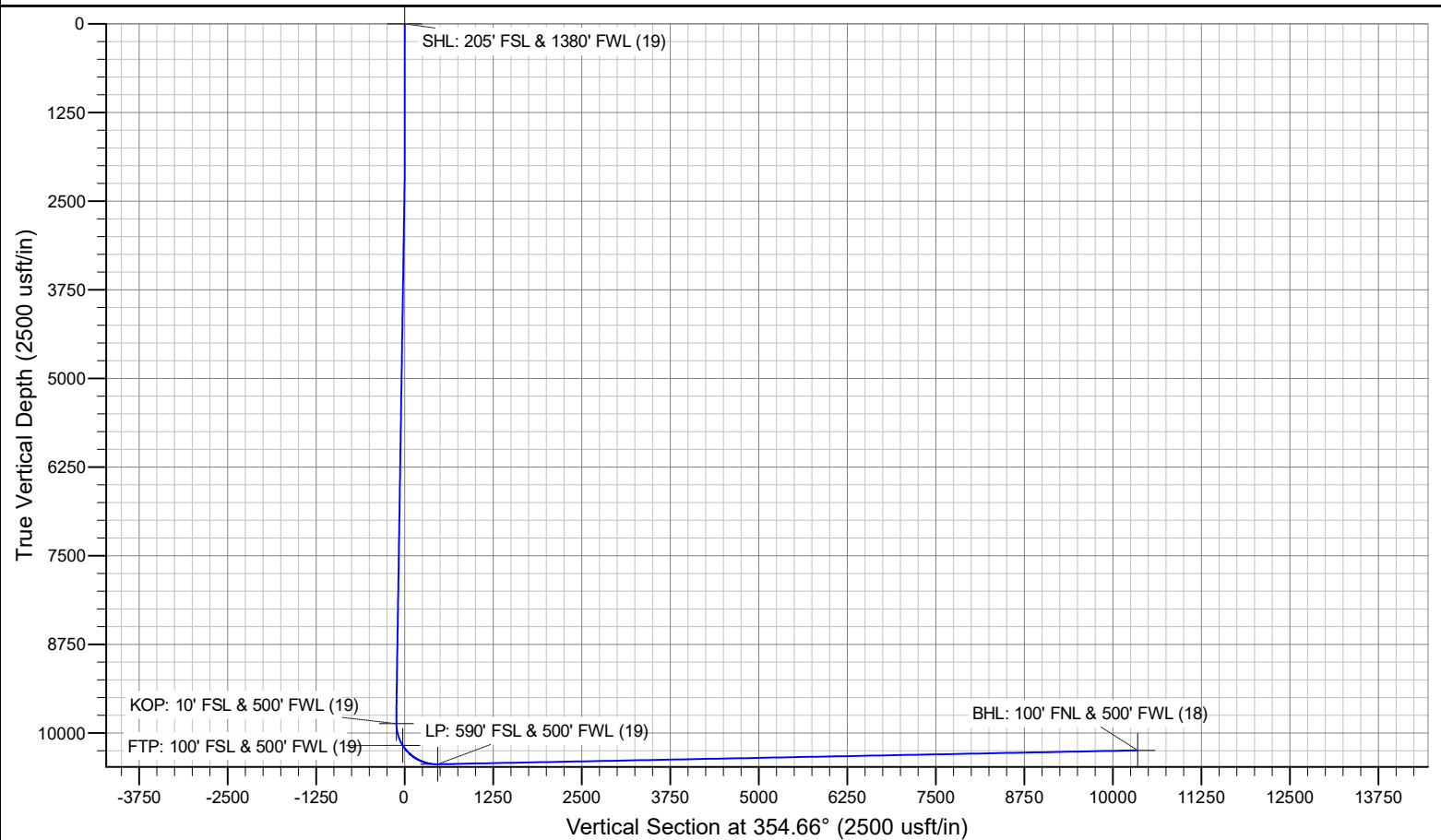
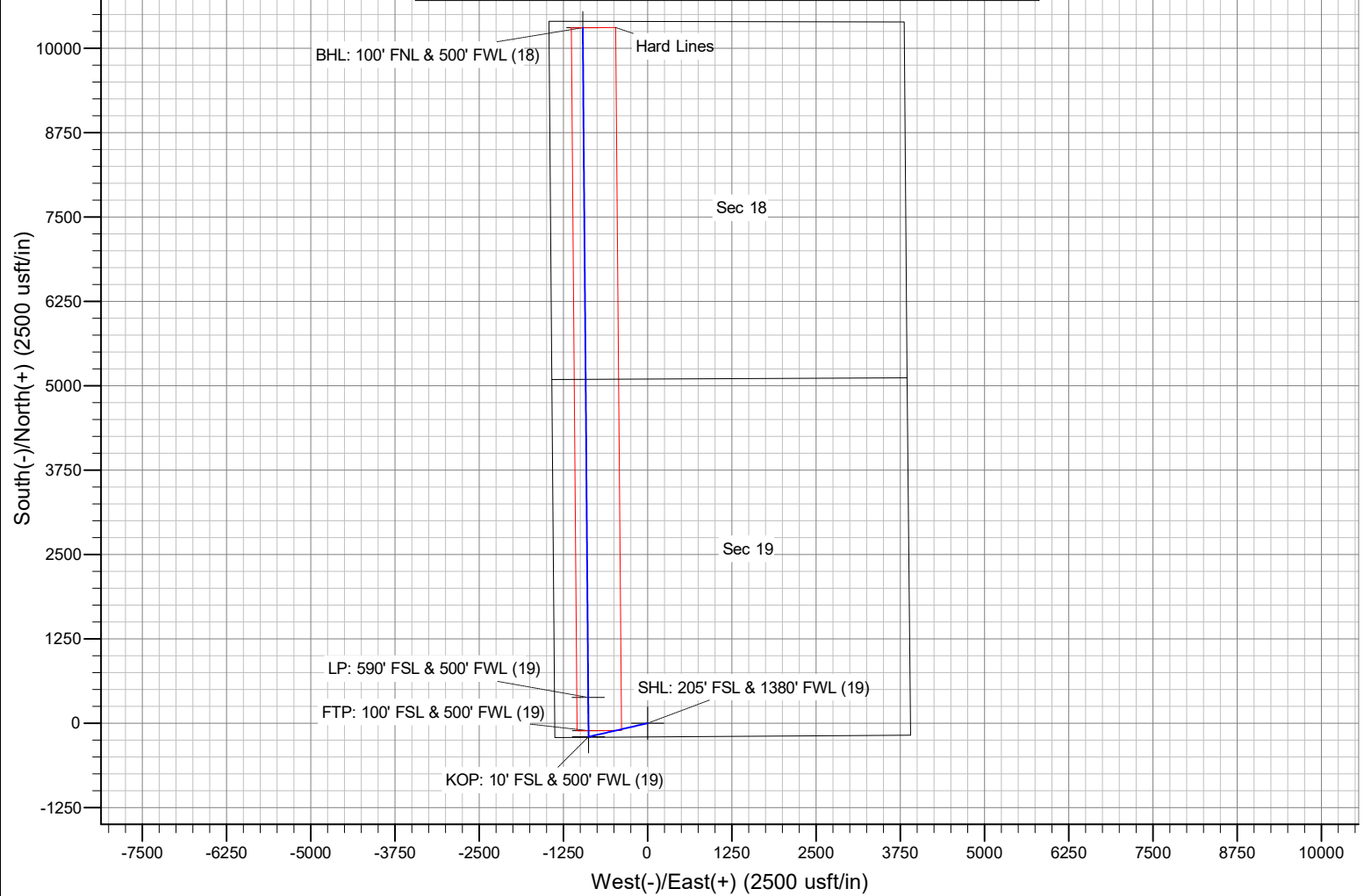
Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Santa Vaca 19/18 B2MD State Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3816.0usft (Original Well Elev)
Project:	Lea County, New Mexico NAD 83	MD Reference:	WELL @ 3816.0usft (Original Well Elev)
Site:	Santa Vaca 19/18 B2MD State Com #1H	North Reference:	Grid
Well:	Sec 19, T19S, R35E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 100' FNL & 500' FWL, Sec 18		
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)	
19,600.0	91.13	359.53	10,268.7	9,149.3	-954.5	9,198.4	0.00	0.00	0.00	
19,700.0	91.13	359.53	10,266.7	9,249.3	-955.4	9,298.1	0.00	0.00	0.00	
19,800.0	91.13	359.53	10,264.8	9,349.3	-956.2	9,397.7	0.00	0.00	0.00	
19,900.0	91.13	359.53	10,262.8	9,449.2	-957.0	9,497.3	0.00	0.00	0.00	
20,000.0	91.13	359.53	10,260.9	9,549.2	-957.8	9,596.9	0.00	0.00	0.00	
20,100.0	91.13	359.53	10,258.9	9,649.2	-958.6	9,696.5	0.00	0.00	0.00	
20,200.0	91.13	359.53	10,256.9	9,749.2	-959.5	9,796.1	0.00	0.00	0.00	
20,300.0	91.13	359.53	10,255.0	9,849.1	-960.3	9,895.8	0.00	0.00	0.00	
20,400.0	91.13	359.53	10,253.0	9,949.1	-961.1	9,995.4	0.00	0.00	0.00	
20,500.0	91.13	359.53	10,251.0	10,049.1	-961.9	10,095.0	0.00	0.00	0.00	
20,600.0	91.13	359.53	10,249.1	10,149.1	-962.7	10,194.6	0.00	0.00	0.00	
20,700.0	91.13	359.53	10,247.1	10,249.1	-963.5	10,294.2	0.00	0.00	0.00	
20,756.0	91.13	359.53	10,246.0	10,305.0	-964.0	10,350.0	0.00	0.00	0.00	
BHL: 100' FNL & 500' FWL (18)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SHL: 205' FSL & 1380' F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	597,315.00	797,639.00	32.6393063	-103.5007057	
KOP: 10' FSL & 500' FW - plan hits target center - Point	0.00	0.00	9,868.0	-201.0	-878.0	597,114.00	796,761.00	32.6387728	-103.5035628	
FTP: 100' FSL & 500' FV - plan hits target center - Point	0.00	0.00	10,176.4	-111.0	-878.7	597,204.00	796,760.26	32.6390202	-103.5035629	
BHL: 100' FNL & 500' FV - plan hits target center - Point	0.00	0.00	10,246.0	10,305.0	-964.0	607,620.00	796,675.00	32.6676496	-103.5035755	
LP: 590' FSL & 500' FWI - plan hits target center - Point	0.00	0.00	10,441.0	383.3	-882.8	597,698.30	796,756.21	32.6403788	-103.5035635	

Santa Vaca 19/18 B2MD State Com #1H



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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 42742

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 42742
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
pkautz	NEW PROP-ID 331375	8/26/2021

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CONDITIONS

Action 42742

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 42742
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	NEW PROP-ID 331375	8/26/2021
pkautz	OPERATOR IS TO COMPLY WITH SLO WELL NAMING REQUIREMENTS. ALL WELLS IN THE STATE COM MUST HAVE THE SAME WELL NAME. PLEASE SUBMIT C-103 CHANGING PROPERTY NAMES IN PROPERTY TO THE SAME COMMON NAME.	8/26/2021