

Well Name: MESA 8105 11 FEDERAL	Well Location: T26S / R32E / SEC 11 / NENW /	County or Parish/State:
Well Number: 64H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM014492	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548718	Well Status: Approved Application for Permit to Drill	Operator: BTA OIL PRODUCERS LLC

Notice of Intent

Sundry ID: 2644969

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 11/18/2021	Time Sundry Submitted: 09:55
Date proposed operation will begin: 11/18/2021	

Procedure Description: BTA Oil Producers, LLC respectfully requests the following SHL Footage, Casing, and Drill plan changes to the original APD as approved. Please see attached for more details. Original SHL Location 320 FNL / 1640 FWL / LAT 32.06413 / LONG -103.648943 New SHL Location 490 FNL / 1410 FWL / LAT 32.063661 / LONG - 103.649680

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Mesa_64H_Wall_plot_20211118095413.pdf
- Mesa_64H_directional_plan_20211118095413.pdf
- MESA_8105_11_FED_64H__65H__80H__81H_Well_pad_plat_20211118095355.pdf
- Mesa_8105_11_FED_64H_drill_plans_20211118095249.pdf
- Signed_MESA_8105_11_FED_64H_c102_20211118095249.pdf

Well Name: MESA 8105 11 FEDERAL	Well Location: T26S / R32E / SEC 11 / NENW /	County or Parish/State:
Well Number: 64H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM014492	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548718	Well Status: Approved Application for Permit to Drill	Operator: BTA OIL PRODUCERS LLC

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: SAMMY HAJAR	Signed on: NOV 18, 2021 09:54 AM
Name: BTA OIL PRODUCERS LLC	
Title: Regulatory Analyst	
Street Address: 104 S. Pecos	
City: Midland	State: TX
Phone: (432) 682-3753	
Email address: shajar@btaoil.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: Cody Layton	BLM POC Title: Assistant Field Manager Lands & Minerals
BLM POC Phone: 5752345959	BLM POC Email Address: clayton@blm.gov
Disposition: Approved	Disposition Date: 12/02/2021
Signature: Cody R. Layton	

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 30-025-48718		² Pool Code 98158	³ Pool Name WC-025 ; Wolfcamp
⁴ Property Code 328173	⁵ Property Name MESA 8105 11 FED		⁶ Well Number 64H
⁷ OGRID No. 260297	⁸ Operator Name BTA OIL PRODUCERS, LLC		⁹ Elevation 3241'

¹⁰ Surface Location

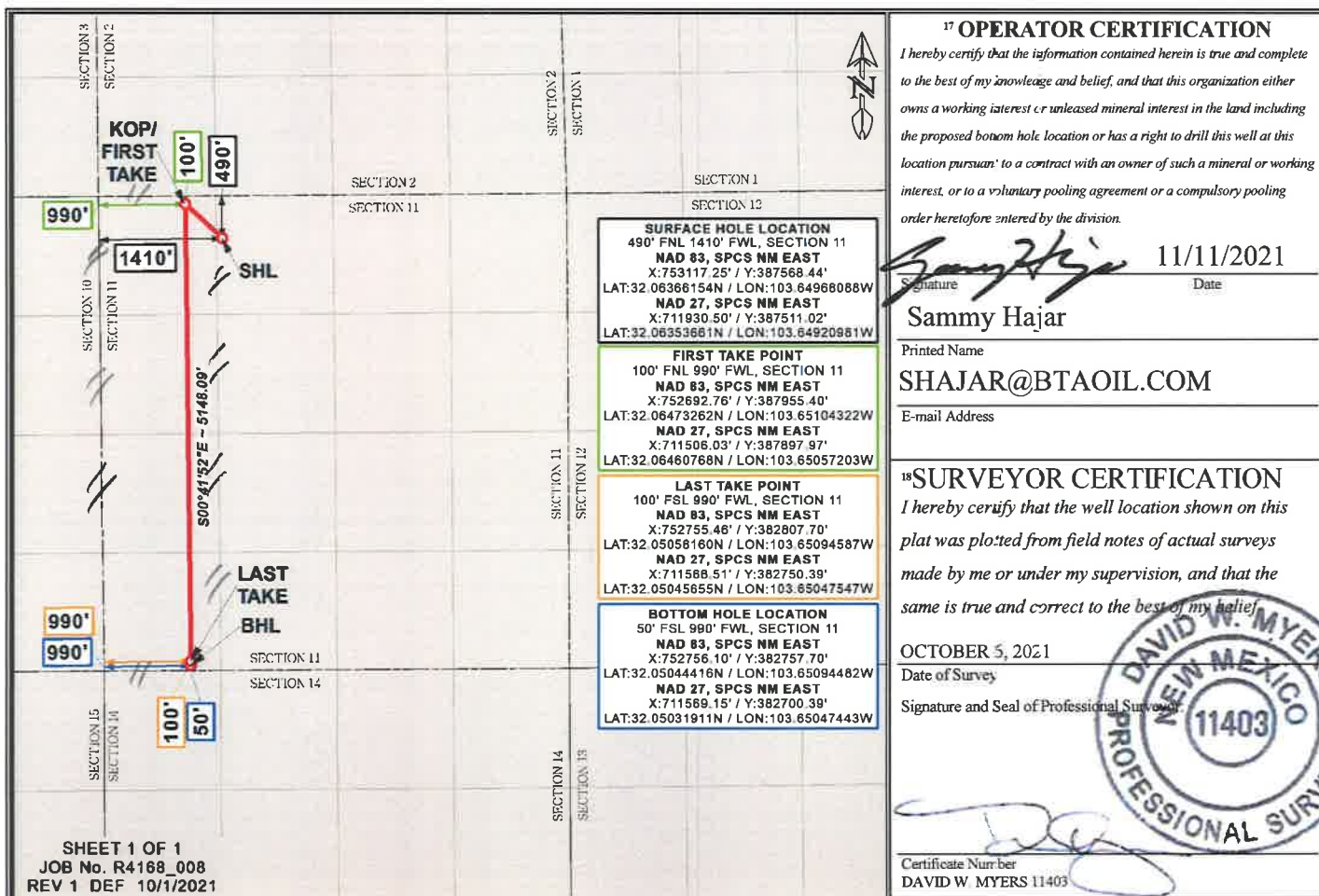
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	11	26S	32E		490	NORTH	1410	WEST	LEA

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
M	11	26S	32E		50	SOUTH	990	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.99981493 Convergence Angle: 00°23'48.779988"



BTA Oil Producers, LLC
104 S Pecos
Midland, TX 79701

WELL: Mesa 8105 11 Fed #64H
TVD: 12866
MD: 17985

DRILLING PLAN

Casing Program

Hole Size	Csg.Size	From (MD)	To (MD)	From (TVD)	To (TVD)	Tapered String	Weight (lbs)	Grade	Conn.	Collapse	Burst	Body Tension	Joint Tension	Dry/Buoyant	Mud Weight (ppg)
14 3/4	10 3/4	0	750	0	750	No	40.5	J-55	STC	4.9	9.7	20.7	13.8	Dry	8.3
9 7/8	7 5/8	0	8043	0	8000	yes	29.7	P110	Buttress	1.4	2.4	3.9	4.0	Dry	9.4
8 3/4	7 5/8	8043	12381	8000	12339	yes	29.7	P110	FJ	1.6	1.6	2.6	2.6	Dry	9.4
6 3/4	5 1/2	0	12181	0	12139	Yes	20	P110	Buttress	1.8	1.4	2.6	2.7	Dry	14
6 3/4	5	12181	17985	12139	12866	Yes	18	P110	Buttress	1.8	1.4	1.8	1.9	Dry	14

*7 5/8" has DV Tool @ 4609'

Dv Tool Depth 4609

Cementing Program

Csg. Size		Stage Tool Depth	Top MD of Segment	Bottom MD of Segment	Cement Type	Quantity (sk)	Yield (cu. Ft./sk)	Density (lbs. gal)	Volume (cu.ft.)	% Excess	Additives
10 3/4	Lead		0	505	Class C	315	1.8	13.5	567	100%	2% CaCl2
	Tail		505	750	Class C	200	1.34	14.8	268	100%	2% CaCl2
7 5/8	Stg 2 Lead		0	4185	Class C	670	2.19	12.7	1467.3	50%	0.5% CaCl2
	Stg 2 Tail		4185	4609	Class C	150	1.33	14.8	199.5	50%	1% CaCl2
	Stg 1 Lead		4609	8830	Class H	430	2.64	10.5	1135.2	25%	0.5% CaCl2
	Stg 1 Tail		8830	12381	Class H	400	1.19	15.6	476	25%	1% CaCl2
5 1/2	Lead										
	Tail		11385	12181							
5	Lead										
	Tail		12181	17985	Class H	645	1.27	14.8	819.15	10%	0.1% Fluid Loss

BOP/CHOKE

Testing BOP break when we don't penetrate WC
5M Annular on 10M BOPE
Choke Hose
Multi Bowl Wellhead

Pressure Rating: 10M Rating Depth: 14000 Requesting Variance?

Pressure

Anticipated Bottom Hole Pressure: 9,366 psi

Anticipated Bottom Hole Temperature: 184 °F

Anticipated abnormal pressures, temperatures, or potential geologic hazards? None

Anticipated Bottom Surface Pressure: 6,536 psi

Hydrogen sulfide drilling operations plan required? Yes

Circulating Medium Table			
Depth (TVD)		Type	Weight (ppg)
From	To		
0	750	FW Spud	8.3 – 8.4
750	12381	DBE	9.0 – 9.4
12381	12866	OBM	11.0 – 14.0

LEGEND

PROPOSED WELL PAD	
ARCH SURVEY LIMITS	
PROPOSED LEASE ROAD	
SECTION LINE	
RECLAMATION & TOPSOIL AREA	

WELL PAD PLAT

MESA 8105 11 FED PAD #4
 SEC. 11 TWP. 26-S RGE. 32-E
 SURVEY: N.M.P.M.
 COUNTY: LEA

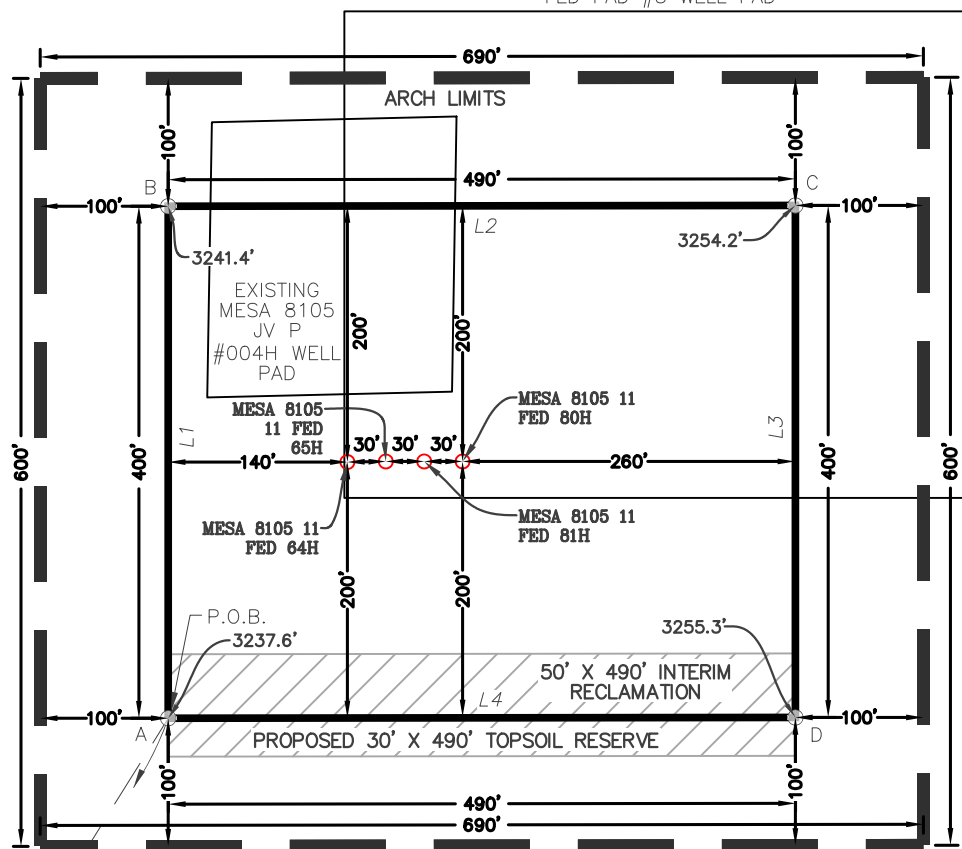
OPERATOR: BTA OIL PRODUCERS, LLC

U.S.G.S. TOPOGRAPHIC MAP: PADUCA BREAKS WEST, N.M., TX



PROPOSED WELL PAD AREA = 4.50 ACRES
 PROPOSED SHORT-TERM DISTURBANCE AREA = 4.84 ACRES
 PROPOSED INTERIM RECLAMATION AREA = 0.90 ACRES
 PROPOSED LONG-TERM DISTURBANCE AREA = 3.94 ACRES

PROPOSED MESA 8105 11
 FED PAD #3 WELL PAD



MESA 8105 11 FED 64H
 BTA OIL PRODUCERS, LLC
 490' FNL 1410' FWL, SECTION 11
 NAD 83, SPCS NM EAST
 X: 753117.25' / Y: 387568.44'
 LAT: 32.06366154N / LON: 103.64968088W
 NAD 27, SPCS NM EAST
 X: 711930.50' / Y: 387511.02'
 LAT: 32.06353661N / LON: -103.64920981W
 ELEVATION = 3241'

MESA 8105 11 FED 65H
 BTA OIL PRODUCERS, LLC
 490' FNL 1440' FWL, SECTION 11
 NAD 83, SPCS NM EAST
 X: 753147.25' / Y: 387568.87'
 LAT: 32.06366220N / LON: 103.64958403W
 NAD 27, SPCS NM EAST
 X: 711960.5' / Y: 387511.44'
 LAT: 32.06353726N / LON: 103.64911295W
 ELEVATION = 3241'

MESA 8105 11 FED 81H
 BTA OIL PRODUCERS, LLC
 490' FNL 1470' FWL, SECTION 11
 NAD 83, SPCS NM EAST
 X: 753177.25' / Y: 387568.87'
 LAT: 32.06366168N / LON: 103.64948720W
 NAD 27, SPCS NM EAST
 X: 711990.5' / Y: 387511.44'
 LAT: 32.06353673N / LON: 103.64901612W
 ELEVATION = 3241'

MESA 8105 11 FED 80H
 BTA OIL PRODUCERS, LLC
 490' FNL 1500' FWL, SECTION 11
 NAD 83, SPCS NM EAST
 X: 753207.25' / Y: 387568.87'
 LAT: 32.06366116N / LON: 103.64939036W
 NAD 27, SPCS NM EAST
 X: 712020.5' / Y: 387511.44'
 LAT: 32.06353621N / LON: 103.64891928W
 ELEVATION = 3241'

NAD 83		NAD 27	
A	E:(X)752977.25 N:(Y)387368.26 LAT:32.06311375 LON:-103.65013688	A	E:(X)711790.49 N:(Y)387310.84 LAT:32.06298879 LON:-103.64966582
B	E:(X)752977.25 N:(Y)387768.26 LAT:32.06421326 LON:-103.65012871	B	E:(X)711790.51 N:(Y)387710.83 LAT:32.06408831 LON:-103.64965759
C	E:(X)753467.25 N:(Y)387768.87 LAT:32.06420638 LON:-103.64854700	C	E:(X)712280.51 N:(Y)387711.44 LAT:32.06408145 LON:-103.64807593
D	E:(X)753467.25 N:(Y)387368.87 LAT:32.06310687 LON:-103.64855519	D	E:(X)712280.49 N:(Y)387311.45 LAT:32.06298193 LON:-103.64808419

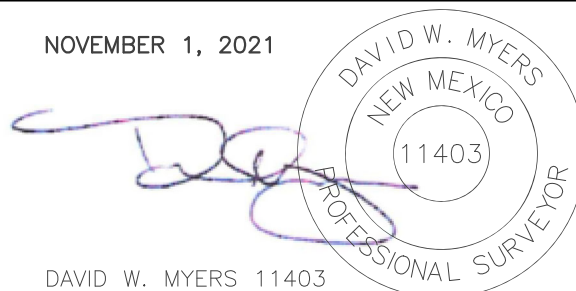
LINE	BEARING	DISTANCE
L1	NORTH	400.00'
L2	N 89°55'47" E	490.00'
L3	SOUTH	400.00'
L4	S 89°55'47" W	490.00'

TIE: S 31°59'10" W
 2,349.92'

1" IRON PIPE W/GLO
 CAP FOUND FOR THE
 W/4 COR. OF SEC. 11

NOTE:
 THIS IS NOT A BOUNDARY SURVEY,
 APPARENT PROPERTY CORNERS AND
 PROPERTY LINES ARE SHOWN FOR
 INFORMATION ONLY. BOUNDARY DATA SHOWN
 IS FROM STATE OF NEW MEXICO OIL
 CONSERVATION DIVISION FORM C-102
 INCLUDED IN THIS SUBMITTAL.

NOVEMBER 1, 2021



DAVID W. MYERS 11403

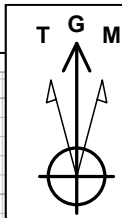
4	10/21/2021	DEF
REV.	DATE	BY

SHEET 2 OF 3

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 510 TRENTON ST., UNIT B,
 WEST MONROE, LA 71291
 318-323-6900 OFFICE
 JOB No. R4168_008

75' 0' 75' 150'
 SCALE: 1" = 150'

BTA Oil Producers, LLC



Azimuths to Grid North
 True North: -0.36°
 Magnetic North: 7.41°
 Magnetic Field
 Strength: 48689.3nT
 Dip Angle: 60.08°
 Date: 12/31/2009
 Model: IGRF200510

WELL DETAILS: Mesa #64H

+N/-S	+E/-W	Northing	Ground Level Easting	3241.0 Latitude	Longitude
0.0	0.0	387568.44	753117.25	32° 3' 49.182 N	103° 38' 58.851 W

SITE DETAILS: Mesa Sec 11, T26S, R32E

Site Centre Northing: 387721.83
 Easting: 752135.43

Positional Uncertainty: 0.0
 Convergence: 0.36
 Local North: Grid

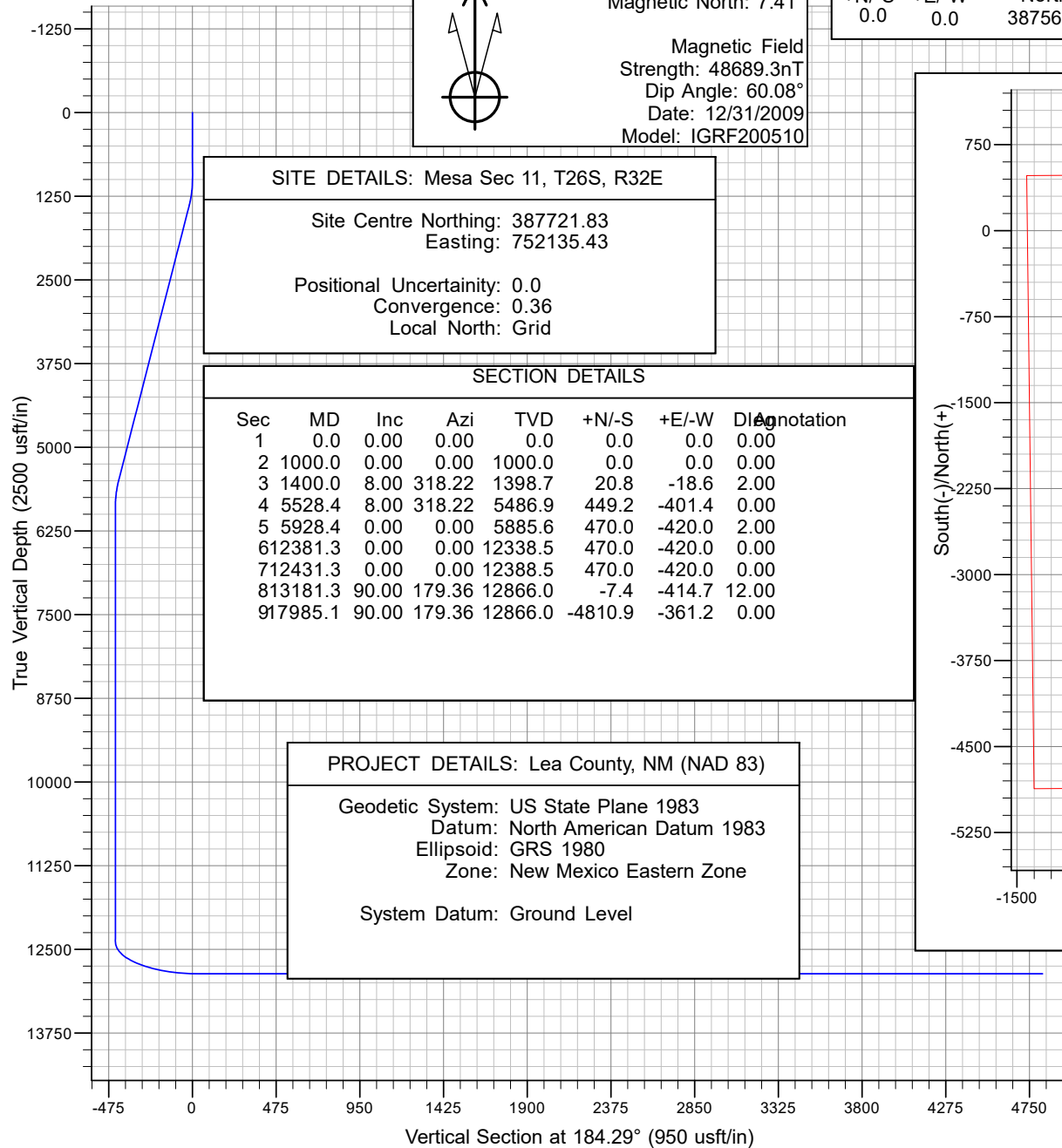
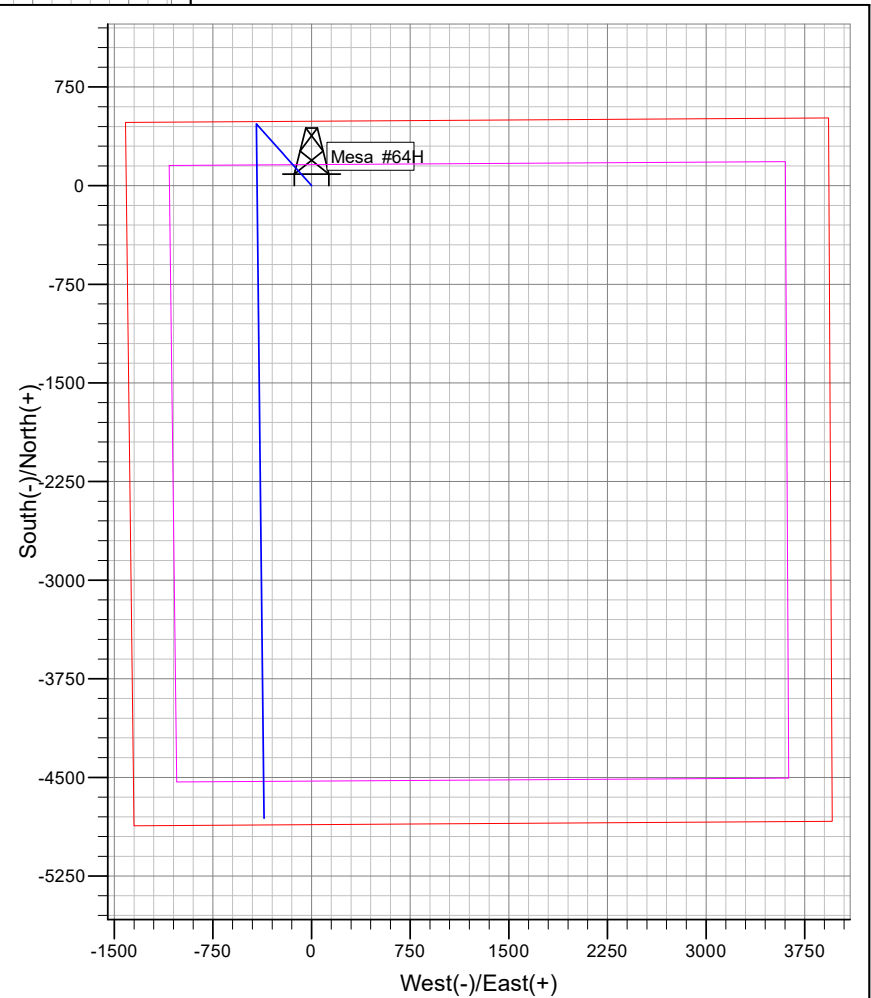
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Diag	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	
2	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	
3	1400.0	8.00	318.22	1398.7	20.8	-18.6	2.00	
4	5528.4	8.00	318.22	5486.9	449.2	-401.4	0.00	
5	5928.4	0.00	0.00	5885.6	470.0	-420.0	2.00	
6	12381.3	0.00	0.00	12338.5	470.0	-420.0	0.00	
7	12431.3	0.00	0.00	12388.5	470.0	-420.0	0.00	
8	13181.3	90.00	179.36	12866.0	-7.4	-414.7	12.00	
9	17985.1	90.00	179.36	12866.0	-4810.9	-361.2	0.00	

PROJECT DETAILS: Lea County, NM (NAD 83)

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone

System Datum: Ground Level



BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Mesa Sec 11, T26S, R32E

Mesa #64H

Wellbore #1

Plan: Design #1

Standard Planning Report - Geographic

12 November, 2021

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa #64H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3241.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3241.0usft
Site:	Mesa Sec 11, T26S, R32E	North Reference:	Grid
Well:	Mesa #64H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Lea County, NM (NAD 83), Lea County, NM		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site	Mesa Sec 11, T26S, R32E		
Site Position:		Northing:	387,721.83 usft
From:	Map	Easting:	752,135.43 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 3' 50.761 N
		Longitude:	103° 39' 10.249 W

Well	Mesa #64H					
Well Position	+N/-S	0.0 usft	Northing:	387,568.44 usft	Latitude:	32° 3' 49.182 N
	+E/-W	0.0 usft	Easting:	753,117.25 usft	Longitude:	103° 38' 58.851 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,241.0 usft
Grid Convergence:		0.36 °				

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.77	60.08	48,689.29702935

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	184.29

Plan Survey Tool Program	Date	11/12/2021		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,985.1 Design #1 (Wellbore #1)		

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa #64H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3241.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3241.0usft
Site:	Mesa Sec 11, T26S, R32E	North Reference:	Grid
Well:	Mesa #64H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	8.00	318.22	1,398.7	20.8	-18.6	2.00	2.00	0.00	318.22	
5,528.4	8.00	318.22	5,486.9	449.2	-401.4	0.00	0.00	0.00	0.00	
5,928.4	0.00	0.00	5,885.6	470.0	-420.0	2.00	-2.00	0.00	180.00	
12,381.3	0.00	0.00	12,338.5	470.0	-420.0	0.00	0.00	0.00	0.00	
12,431.3	0.00	0.00	12,388.5	470.0	-420.0	0.00	0.00	0.00	0.00	
13,181.3	90.00	179.36	12,866.0	-7.4	-414.7	12.00	12.00	0.00	179.36	
17,985.1	90.00	179.36	12,866.0	-4,810.9	-361.2	0.00	0.00	0.00	0.00	Mesa #64H BHL

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa #64H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3241.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3241.0usft
Site:	Mesa Sec 11, T26S, R32E	North Reference:	Grid
Well:	Mesa #64H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
100.0	0.00	0.00	100.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
200.0	0.00	0.00	200.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
300.0	0.00	0.00	300.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
400.0	0.00	0.00	400.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
500.0	0.00	0.00	500.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
600.0	0.00	0.00	600.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
700.0	0.00	0.00	700.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
800.0	0.00	0.00	800.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
900.0	0.00	0.00	900.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	387,568.44	753,117.25	32° 3' 49.182 N	103° 38' 58.851 W
1,100.0	2.00	318.22	1,100.0	1.3	-1.2	387,569.74	753,116.08	32° 3' 49.195 N	103° 38' 58.865 W
1,200.0	4.00	318.22	1,199.8	5.2	-4.6	387,573.64	753,112.60	32° 3' 49.233 N	103° 38' 58.905 W
1,300.0	6.00	318.22	1,299.5	11.7	-10.5	387,580.14	753,106.79	32° 3' 49.298 N	103° 38' 58.972 W
1,400.0	8.00	318.22	1,398.7	20.8	-18.6	387,589.23	753,098.67	32° 3' 49.388 N	103° 38' 59.066 W
1,500.0	8.00	318.22	1,497.7	31.2	-27.9	387,599.60	753,089.40	32° 3' 49.492 N	103° 38' 59.173 W
1,600.0	8.00	318.22	1,596.8	41.5	-37.1	387,609.98	753,080.12	32° 3' 49.595 N	103° 38' 59.280 W
1,700.0	8.00	318.22	1,695.8	51.9	-46.4	387,620.36	753,070.85	32° 3' 49.698 N	103° 38' 59.387 W
1,800.0	8.00	318.22	1,794.8	62.3	-55.7	387,630.74	753,061.58	32° 3' 49.802 N	103° 38' 59.494 W
1,900.0	8.00	318.22	1,893.8	72.7	-64.9	387,641.11	753,052.30	32° 3' 49.905 N	103° 38' 59.601 W
2,000.0	8.00	318.22	1,992.9	83.1	-74.2	387,651.49	753,043.03	32° 3' 50.008 N	103° 38' 59.708 W
2,100.0	8.00	318.22	2,091.9	93.4	-83.5	387,661.87	753,033.76	32° 3' 50.111 N	103° 38' 59.815 W
2,200.0	8.00	318.22	2,190.9	103.8	-92.8	387,672.24	753,024.48	32° 3' 50.215 N	103° 38' 59.922 W
2,300.0	8.00	318.22	2,289.9	114.2	-102.0	387,682.62	753,015.21	32° 3' 50.318 N	103° 39' 0.029 W
2,400.0	8.00	318.22	2,389.0	124.6	-111.3	387,693.00	753,005.94	32° 3' 50.421 N	103° 39' 0.136 W
2,500.0	8.00	318.22	2,488.0	134.9	-120.6	387,703.37	752,996.67	32° 3' 50.524 N	103° 39' 0.243 W
2,600.0	8.00	318.22	2,587.0	145.3	-129.9	387,713.75	752,987.39	32° 3' 50.628 N	103° 39' 0.349 W
2,700.0	8.00	318.22	2,686.1	155.7	-139.1	387,724.13	752,978.12	32° 3' 50.731 N	103° 39' 0.456 W
2,800.0	8.00	318.22	2,785.1	166.1	-148.4	387,734.51	752,968.85	32° 3' 50.834 N	103° 39' 0.563 W
2,900.0	8.00	318.22	2,884.1	176.5	-157.7	387,744.88	752,959.57	32° 3' 50.938 N	103° 39' 0.670 W
3,000.0	8.00	318.22	2,983.1	186.8	-167.0	387,755.26	752,950.30	32° 3' 51.041 N	103° 39' 0.777 W
3,100.0	8.00	318.22	3,082.2	197.2	-176.2	387,765.64	752,941.03	32° 3' 51.144 N	103° 39' 0.884 W
3,200.0	8.00	318.22	3,181.2	207.6	-185.5	387,776.01	752,931.75	32° 3' 51.247 N	103° 39' 0.991 W
3,300.0	8.00	318.22	3,280.2	218.0	-194.8	387,786.39	752,922.48	32° 3' 51.351 N	103° 39' 1.098 W
3,400.0	8.00	318.22	3,379.2	228.3	-204.0	387,796.77	752,913.21	32° 3' 51.454 N	103° 39' 1.205 W
3,500.0	8.00	318.22	3,478.3	238.7	-213.3	387,807.15	752,903.93	32° 3' 51.557 N	103° 39' 1.312 W
3,600.0	8.00	318.22	3,577.3	249.1	-222.6	387,817.52	752,894.66	32° 3' 51.660 N	103° 39' 1.419 W
3,700.0	8.00	318.22	3,676.3	259.5	-231.9	387,827.90	752,885.39	32° 3' 51.764 N	103° 39' 1.526 W
3,800.0	8.00	318.22	3,775.3	269.8	-241.1	387,838.28	752,876.11	32° 3' 51.867 N	103° 39' 1.633 W
3,900.0	8.00	318.22	3,874.4	280.2	-250.4	387,848.65	752,866.84	32° 3' 51.970 N	103° 39' 1.740 W
4,000.0	8.00	318.22	3,973.4	290.6	-259.7	387,859.03	752,857.57	32° 3' 52.073 N	103° 39' 1.847 W
4,100.0	8.00	318.22	4,072.4	301.0	-269.0	387,869.41	752,848.29	32° 3' 52.177 N	103° 39' 1.954 W
4,200.0	8.00	318.22	4,171.5	311.4	-278.2	387,879.79	752,839.02	32° 3' 52.280 N	103° 39' 2.061 W
4,300.0	8.00	318.22	4,270.5	321.7	-287.5	387,890.16	752,829.75	32° 3' 52.383 N	103° 39' 2.168 W
4,400.0	8.00	318.22	4,369.5	332.1	-296.8	387,900.54	752,820.48	32° 3' 52.487 N	103° 39' 2.275 W
4,500.0	8.00	318.22	4,468.5	342.5	-306.1	387,910.92	752,811.20	32° 3' 52.590 N	103° 39' 2.382 W
4,600.0	8.00	318.22	4,567.6	352.9	-315.3	387,921.29	752,801.93	32° 3' 52.693 N	103° 39' 2.489 W
4,700.0	8.00	318.22	4,666.6	363.2	-324.6	387,931.67	752,792.66	32° 3' 52.796 N	103° 39' 2.596 W
4,800.0	8.00	318.22	4,765.6	373.6	-333.9	387,942.05	752,783.38	32° 3' 52.900 N	103° 39' 2.703 W
4,900.0	8.00	318.22	4,864.6	384.0	-343.2	387,952.43	752,774.11	32° 3' 53.003 N	103° 39' 2.810 W
5,000.0	8.00	318.22	4,963.7	394.4	-352.4	387,962.80	752,764.84	32° 3' 53.106 N	103° 39' 2.917 W
5,100.0	8.00	318.22	5,062.7	404.8	-361.7	387,973.18	752,755.56	32° 3' 53.209 N	103° 39' 3.024 W
5,200.0	8.00	318.22	5,161.7	415.1	-371.0	387,983.56	752,746.29	32° 3' 53.313 N	103° 39' 3.131 W
5,300.0	8.00	318.22	5,260.7	425.5	-380.2	387,993.93	752,737.02	32° 3' 53.416 N	103° 39' 3.238 W
5,400.0	8.00	318.22	5,359.8	435.9	-389.5	388,004.31	752,727.74	32° 3' 53.519 N	103° 39' 3.345 W

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa #64H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3241.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3241.0usft
Site:	Mesa Sec 11, T26S, R32E	North Reference:	Grid
Well:	Mesa #64H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
5,500.0	8.00	318.22	5,458.8	446.3	-398.8	388,014.69	752,718.47	32° 3' 53.622 N	103° 39' 3.452 W	
5,528.4	8.00	318.22	5,486.9	449.2	-401.4	388,017.63	752,715.84	32° 3' 53.652 N	103° 39' 3.483 W	
5,600.0	6.57	318.22	5,557.9	456.0	-407.5	388,024.40	752,709.79	32° 3' 53.719 N	103° 39' 3.553 W	
5,700.0	4.57	318.22	5,657.5	463.2	-413.9	388,031.64	752,703.32	32° 3' 53.791 N	103° 39' 3.627 W	
5,800.0	2.57	318.22	5,757.3	467.9	-418.1	388,036.28	752,699.18	32° 3' 53.837 N	103° 39' 3.675 W	
5,900.0	0.57	318.22	5,857.2	469.9	-419.9	388,038.32	752,697.36	32° 3' 53.858 N	103° 39' 3.696 W	
5,928.4	0.00	0.00	5,885.6	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,000.0	0.00	0.00	5,957.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,100.0	0.00	0.00	6,057.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,200.0	0.00	0.00	6,157.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,300.0	0.00	0.00	6,257.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,400.0	0.00	0.00	6,357.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,500.0	0.00	0.00	6,457.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,600.0	0.00	0.00	6,557.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,700.0	0.00	0.00	6,657.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,800.0	0.00	0.00	6,757.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
6,900.0	0.00	0.00	6,857.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,000.0	0.00	0.00	6,957.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,100.0	0.00	0.00	7,057.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,200.0	0.00	0.00	7,157.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,300.0	0.00	0.00	7,257.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,400.0	0.00	0.00	7,357.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,500.0	0.00	0.00	7,457.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,600.0	0.00	0.00	7,557.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,700.0	0.00	0.00	7,657.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,800.0	0.00	0.00	7,757.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
7,900.0	0.00	0.00	7,857.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,000.0	0.00	0.00	7,957.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,100.0	0.00	0.00	8,057.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,200.0	0.00	0.00	8,157.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,300.0	0.00	0.00	8,257.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,400.0	0.00	0.00	8,357.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,500.0	0.00	0.00	8,457.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,600.0	0.00	0.00	8,557.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,700.0	0.00	0.00	8,657.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,800.0	0.00	0.00	8,757.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
8,900.0	0.00	0.00	8,857.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,000.0	0.00	0.00	8,957.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,100.0	0.00	0.00	9,057.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,200.0	0.00	0.00	9,157.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,300.0	0.00	0.00	9,257.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,400.0	0.00	0.00	9,357.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,500.0	0.00	0.00	9,457.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,600.0	0.00	0.00	9,557.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,700.0	0.00	0.00	9,657.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,800.0	0.00	0.00	9,757.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
9,900.0	0.00	0.00	9,857.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,000.0	0.00	0.00	9,957.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,100.0	0.00	0.00	10,057.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,200.0	0.00	0.00	10,157.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,300.0	0.00	0.00	10,257.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,400.0	0.00	0.00	10,357.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,500.0	0.00	0.00	10,457.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,600.0	0.00	0.00	10,557.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,700.0	0.00	0.00	10,657.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa #64H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3241.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3241.0usft
Site:	Mesa Sec 11, T26S, R32E	North Reference:	Grid
Well:	Mesa #64H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
10,800.0	0.00	0.00	10,757.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
10,900.0	0.00	0.00	10,857.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,000.0	0.00	0.00	10,957.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,100.0	0.00	0.00	11,057.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,200.0	0.00	0.00	11,157.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,300.0	0.00	0.00	11,257.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,400.0	0.00	0.00	11,357.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,500.0	0.00	0.00	11,457.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,600.0	0.00	0.00	11,557.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,700.0	0.00	0.00	11,657.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,800.0	0.00	0.00	11,757.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
11,900.0	0.00	0.00	11,857.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
12,000.0	0.00	0.00	11,957.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
12,100.0	0.00	0.00	12,057.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
12,200.0	0.00	0.00	12,157.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
12,300.0	0.00	0.00	12,257.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
12,381.3	0.00	0.00	12,338.5	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
12,400.0	0.00	0.00	12,357.2	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
12,431.3	0.00	0.00	12,388.5	470.0	-420.0	388,038.42	752,697.26	32° 3' 53.859 N	103° 39' 3.697 W	
12,500.0	8.24	179.36	12,457.0	465.1	-419.9	388,033.49	752,697.32	32° 3' 53.810 N	103° 39' 3.697 W	
12,600.0	20.24	179.36	12,553.7	440.5	-419.7	388,008.93	752,697.59	32° 3' 53.567 N	103° 39' 3.695 W	
12,700.0	32.24	179.36	12,643.3	396.4	-419.2	387,964.80	752,698.08	32° 3' 53.130 N	103° 39' 3.693 W	
12,800.0	44.24	179.36	12,721.7	334.6	-418.5	387,903.02	752,698.77	32° 3' 52.519 N	103° 39' 3.690 W	
12,900.0	56.24	179.36	12,785.5	257.9	-417.6	387,826.29	752,699.63	32° 3' 51.759 N	103° 39' 3.685 W	
13,000.0	68.24	179.36	12,832.0	169.5	-416.7	387,737.97	752,700.61	32° 3' 50.885 N	103° 39' 3.680 W	
13,100.0	80.24	179.36	12,859.1	73.5	-415.6	387,641.91	752,701.68	32° 3' 49.935 N	103° 39' 3.675 W	
13,181.3	90.00	179.36	12,866.0	-7.4	-414.7	387,561.00	752,702.58	32° 3' 49.134 N	103° 39' 3.670 W	
13,200.0	90.00	179.36	12,866.0	-26.1	-414.5	387,542.31	752,702.79	32° 3' 48.949 N	103° 39' 3.669 W	
13,300.0	90.00	179.36	12,866.0	-126.1	-413.4	387,442.32	752,703.90	32° 3' 47.960 N	103° 39' 3.664 W	
13,400.0	90.00	179.36	12,866.0	-226.1	-412.2	387,342.33	752,705.02	32° 3' 46.970 N	103° 39' 3.658 W	
13,500.0	90.00	179.36	12,866.0	-326.1	-411.1	387,242.35	752,706.13	32° 3' 45.980 N	103° 39' 3.653 W	
13,600.0	90.00	179.36	12,866.0	-426.1	-410.0	387,142.36	752,707.25	32° 3' 44.991 N	103° 39' 3.647 W	
13,700.0	90.00	179.36	12,866.0	-526.1	-408.9	387,042.37	752,708.36	32° 3' 44.001 N	103° 39' 3.641 W	
13,800.0	90.00	179.36	12,866.0	-626.1	-407.8	386,942.38	752,709.47	32° 3' 43.012 N	103° 39' 3.636 W	
13,900.0	90.00	179.36	12,866.0	-726.1	-406.7	386,842.39	752,710.59	32° 3' 42.022 N	103° 39' 3.630 W	
14,000.0	90.00	179.36	12,866.0	-826.1	-405.6	386,742.40	752,711.70	32° 3' 41.033 N	103° 39' 3.625 W	
14,100.0	90.00	179.36	12,866.0	-926.1	-404.4	386,642.41	752,712.82	32° 3' 40.043 N	103° 39' 3.619 W	
14,200.0	90.00	179.36	12,866.0	-1,026.1	-403.3	386,542.42	752,713.93	32° 3' 39.054 N	103° 39' 3.613 W	
14,300.0	90.00	179.36	12,866.0	-1,126.1	-402.2	386,442.43	752,715.04	32° 3' 38.064 N	103° 39' 3.608 W	
14,400.0	90.00	179.36	12,866.0	-1,226.1	-401.1	386,342.44	752,716.16	32° 3' 37.075 N	103° 39' 3.602 W	
14,500.0	90.00	179.36	12,866.0	-1,326.0	-400.0	386,242.45	752,717.27	32° 3' 36.085 N	103° 39' 3.597 W	
14,600.0	90.00	179.36	12,866.0	-1,426.0	-398.9	386,142.46	752,718.39	32° 3' 35.096 N	103° 39' 3.591 W	
14,700.0	90.00	179.36	12,866.0	-1,526.0	-397.8	386,042.47	752,719.50	32° 3' 34.106 N	103° 39' 3.585 W	
14,800.0	90.00	179.36	12,866.0	-1,626.0	-396.6	385,942.48	752,720.61	32° 3' 33.117 N	103° 39' 3.580 W	
14,900.0	90.00	179.36	12,866.0	-1,726.0	-395.5	385,842.49	752,721.73	32° 3' 32.127 N	103° 39' 3.574 W	
15,000.0	90.00	179.36	12,866.0	-1,826.0	-394.4	385,742.50	752,722.84	32° 3' 31.137 N	103° 39' 3.569 W	
15,100.0	90.00	179.36	12,866.0	-1,926.0	-393.3	385,642.51	752,723.96	32° 3' 30.148 N	103° 39' 3.563 W	
15,200.0	90.00	179.36	12,866.0	-2,026.0	-392.2	385,542.52	752,725.07	32° 3' 29.158 N	103° 39' 3.557 W	
15,300.0	90.00	179.36	12,866.0	-2,126.0	-391.1	385,442.53	752,726.18	32° 3' 28.169 N	103° 39' 3.552 W	
15,400.0	90.00	179.36	12,866.0	-2,226.0	-390.0	385,342.54	752,727.30	32° 3' 27.179 N	103° 39' 3.546 W	
15,500.0	90.00	179.36	12,866.0	-2,326.0	-388.8	385,242.55	752,728.41	32° 3' 26.190 N	103° 39' 3.541 W	
15,600.0	90.00	179.36	12,866.0	-2,426.0	-387.7	385,142.56	752,729.53	32° 3' 25.200 N	103° 39' 3.535 W	
15,700.0	90.00	179.36	12,866.0	-2,526.0	-386.6	385,042.57	752,730.64	32° 3' 24.211 N	103° 39' 3.529 W	
15,800.0	90.00	179.36	12,866.0	-2,626.0	-385.5	384,942.58	752,731.75	32° 3' 23.221 N	103° 39' 3.524 W	
15,900.0	90.00	179.36	12,866.0	-2,726.0	-384.4	384,842.59	752,732.87	32° 3' 22.232 N	103° 39' 3.518 W	

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa #64H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3241.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3241.0usft
Site:	Mesa Sec 11, T26S, R32E	North Reference:	Grid
Well:	Mesa #64H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
16,000.0	90.00	179.36	12,866.0	-2,826.0	-383.3	384,742.60	752,733.98	32° 3' 21.242 N	103° 39' 3.513 W	
16,100.0	90.00	179.36	12,866.0	-2,925.9	-382.2	384,642.61	752,735.10	32° 3' 20.253 N	103° 39' 3.507 W	
16,200.0	90.00	179.36	12,866.0	-3,025.9	-381.1	384,542.62	752,736.21	32° 3' 19.263 N	103° 39' 3.501 W	
16,300.0	90.00	179.36	12,866.0	-3,125.9	-379.9	384,442.63	752,737.32	32° 3' 18.274 N	103° 39' 3.496 W	
16,400.0	90.00	179.36	12,866.0	-3,225.9	-378.8	384,342.64	752,738.44	32° 3' 17.284 N	103° 39' 3.490 W	
16,500.0	90.00	179.36	12,866.0	-3,325.9	-377.7	384,242.65	752,739.55	32° 3' 16.295 N	103° 39' 3.485 W	
16,600.0	90.00	179.36	12,866.0	-3,425.9	-376.6	384,142.66	752,740.67	32° 3' 15.305 N	103° 39' 3.479 W	
16,700.0	90.00	179.36	12,866.0	-3,525.9	-375.5	384,042.67	752,741.78	32° 3' 14.315 N	103° 39' 3.473 W	
16,800.0	90.00	179.36	12,866.0	-3,625.9	-374.4	383,942.68	752,742.89	32° 3' 13.326 N	103° 39' 3.468 W	
16,900.0	90.00	179.36	12,866.0	-3,725.9	-373.3	383,842.69	752,744.01	32° 3' 12.336 N	103° 39' 3.462 W	
17,000.0	90.00	179.36	12,866.0	-3,825.9	-372.1	383,742.70	752,745.12	32° 3' 11.347 N	103° 39' 3.457 W	
17,100.0	90.00	179.36	12,866.0	-3,925.9	-371.0	383,642.71	752,746.24	32° 3' 10.357 N	103° 39' 3.451 W	
17,200.0	90.00	179.36	12,866.0	-4,025.9	-369.9	383,542.72	752,747.35	32° 3' 9.368 N	103° 39' 3.445 W	
17,300.0	90.00	179.36	12,866.0	-4,125.9	-368.8	383,442.73	752,748.46	32° 3' 8.378 N	103° 39' 3.440 W	
17,400.0	90.00	179.36	12,866.0	-4,225.9	-367.7	383,342.74	752,749.58	32° 3' 7.389 N	103° 39' 3.434 W	
17,500.0	90.00	179.36	12,866.0	-4,325.9	-366.6	383,242.75	752,750.69	32° 3' 6.399 N	103° 39' 3.429 W	
17,600.0	90.00	179.36	12,866.0	-4,425.9	-365.5	383,142.76	752,751.81	32° 3' 5.410 N	103° 39' 3.423 W	
17,700.0	90.00	179.36	12,866.0	-4,525.8	-364.3	383,042.77	752,752.92	32° 3' 4.420 N	103° 39' 3.417 W	
17,800.0	90.00	179.36	12,866.0	-4,625.8	-363.2	382,942.78	752,754.03	32° 3' 3.431 N	103° 39' 3.412 W	
17,900.0	90.00	179.36	12,866.0	-4,725.8	-362.1	382,842.79	752,755.15	32° 3' 2.441 N	103° 39' 3.406 W	
17,985.1	90.00	179.36	12,866.0	-4,810.9	-361.2	382,757.70	752,756.10	32° 3' 1.599 N	103° 39' 3.401 W	

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	
Mesa #64H BHL - plan hits target center - Point	0.00	0.00	12,866.0	-4,810.9	-361.2	382,757.70	752,756.10	32° 3' 1.599 N	103° 39' 3.401 W	

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 69868

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 69868
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	1/4/2022