

Well Name: MESA B 8115 FED COM	Well Location: T26S / R33E / SEC 7 / NENW / 32.063987 / -103.614597	County or Parish/State: LEA / NM
Well Number: 12H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM59398	Unit or CA Name: MESA B 8105 JV-P COM	Unit or CA Number: NMNM82045
US Well Number: 3002546636	Well Status: Approved Application for Permit to Drill	Operator: BTA OIL PRODUCERS LLC

Notice of Intent

Sundry ID: 2633242

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 09/08/2021	Time Sundry Submitted: 01:29
Date proposed operation will begin: 09/07/2021	

Procedure Description: BTA OIL PRODUCERS LLC RESPECTFULLY REQUESTS THE FOLLOWING MUD, CASING, CEMENT, VARIANCES, AND FIELD AND POOL CHANGES TO THE ORIGINAL APD AS APPROVED. PLEASE SEE ATTACHED DOCUMENTS FOR MORE DETAILS. ORIGINAL FIELD AND POOL: JENNINGS / BONE SPRING NEW FIELD AND POOL: SANDERS TANK / WOLFCAMP

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Mesa_B_8115_12H_Drill_Plan_20210819100208_20210908132806.pdf
- Mesa_B_12H_directional_plan_20210819100208_20210908132806.pdf
- 7_5_8_tapered_string_8_3_4_hole_spec_for_FJ_20210908132806.jpg
- Mesa_B_8115_12H_Sundry_8_19_21_20210819100159_20210908132806.pdf
- Mesa_B_12H_Wall_plot_20210819100208_20210908132806.pdf
- Mesa_B_12H_c102_8_19_21_20210819100208_20210908132806.pdf

Well Name: MESA B 8115 FED COM	Well Location: T26S / R33E / SEC 7 / NENW / 32.063987 / -103.614597	County or Parish/State: LEA / NM
Well Number: 12H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM59398	Unit or CA Name: MESA B 8105 JV-P COM	Unit or CA Number: NMNM82045
US Well Number: 3002546636	Well Status: Approved Application for Permit to Drill	Operator: BTA OIL PRODUCERS LLC

Conditions of Approval

Specialist Review

Mesa_B_8115_Fed_Com_12H_COA_Sundry_2633242_OTa_20210910222018.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SAMMY HAJAR	Signed on: SEP 08, 2021 01:27 PM
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: AJIBOLA OLABODE	BLM POC Title: Engineer
BLM POC Phone: 5752342231	BLM POC Email Address: OAJIBOLAEIT@BLM.GOV
Disposition: Approved	Disposition Date: 09/10/2021
Signature: Olabode Thomas Ajibola	

BTA OIL PRODUCERS LLC RESPECTFULLY REQUEST THE FOLLOWING CHANGES TO THE ORIGINAL PERMIT AS APPROVED.

Mud Program 12H:

Original Permit

- Surface Section – Fresh water 8.4 ppg
- Intermediate – Brine 10.0 – 10.2 ppg
- Production – Cut Brine 9.0 – 9.4 ppg

Proposed Change

- Surface Section – Fresh water 8.3 - 8.4 ppg
- Intermediate – DBE 9.0 - 9.4 ppg
- Production – OBM 11.5 – 12.0 ppg

Casing Programs

Casing Program 12H

Original APD

- Surface
13-3/8” 54.5# J-55 STC set at 840’ in a 17-1/2” hole
- Intermediate
9-5/8” 40# J-55 @ 4740’ in a 12-1/4” hole
- Production Casing
5-1/2” 17# P-110 @ 15560’ in an 8-3/4” hole

Proposed Change

- Surface
10-3/4” 40.5# J-55 STC set at 840’ in a 14-3/4” hole
- Intermediate
9-7/8” hole from 840’ to 8104’ and 8-3/4” hole from 8104’ – 11987’. 7-5/8” 29.7# P-110 BTC from 0 - 7700’ and 7-5/8” 29.7# P-110 Stinger HC from 7700’ – 11987’ and DV tool at 4744’
- Production
11787’ of 5-1/2” 20# P-110 BTC and 5737’ of 5” 18# P-110 BTC set at 17524’ (12462’ TVD) in a 6-3/4” hole

Cement Programs

Mesa B 8115 #12H

Original

- Surface Cement
Lead: 430 sx; 1.8 cfs; 13.5 ppg; 100% Class C; 100% excess
Tail: 200 sx; 1.34 cfs; 14.8 ppg; 100% Class C; 100% excess
- Intermediate Cement
Lead: 1350 sx; 2.18 cfs; 12.7 ppg 100% Class C; 100% excess
Tail: 250 sx; 1.33 cfs; 14.8 ppg; 100% Class C; 25% excess
- Production Cement
Lead: 605 sx; 3.9 ft3/sx; 10.5 ppg; 100% Class C; 60% excess
Tail: 1515 sx; 100% Class H; 14.4 ppg, 1.25 ft3/sx; 25% excess

Proposed Change

- Surface Cement
Lead: 370 sx, 13.5 ppg, 1.8 ft^3/sk, 100% excess, Class C
Tail: 200 sx, 14.8 ppg, 1.34 ft^3/ sk, 100% excess, Class C

-Intermediate Cement

Stage 1:

Lead: 375 sx, 10.5 ppg, 2.64 ft³/sk, 25% excess, Class H

Tail: 400 sx, 15.6 ppg, 1.19 ft³/sk, 25% excess, Class H

Stage 2:

Lead: 695 sx, 12.7 ppg, 2.19 ft³/sk, 50% excess, Class C

Tail: 150 sx, 14.8 ppg, 1.33 ft³/sk, 50% excess, Class C

-Production Cement

Tail: 635 sx, 14.8 ppg, 1.27 ft³/sk, 10% excess, Class H

Variances:

-5M BOP on 9-7/8" hole

-10M BOP with 5M annular for 6-3/4" hole

-Wave the centralizer requirements for the 5-1/2" and 5" casing in the 6-3/4" hole size. An expansion additive will be utilized in the cement slurry for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

-BTA requests permission to allow BOP Break Testing under the following conditions:

- After a full BOP test is conducted on the first well on the pad.
- When skidding to drill a hole section that does not penetrate into the Wolfcamp.
- Full BOP test will be required prior to drilling any production hole.



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

WELL: Mesa B 8115 Fed Com #12H
TVD: 12462
MD: 17524

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	840	0	840	No	40.5	J-55	STC	4.4	8.6	18.5	12.3	Dry	8.3
9 7/8	7 5/8	0	8104	0	8000	yes	29.7	P110	Buttress	1.4	2.4	3.9	4.0	Dry	9.4
8 3/4	7 5/8	8053	11987	8000	11935	yes	29.7	P110	FJ	1.7	1.6	2.6	2.7	Dry	9.4
6 3/4	5 1/2	0	11787	0	11735	Yes	20	P110	Buttress	1.9	1.4	2.7	2.8	Dry	14
6 3/4	5	11787	17524	11735	12462	Yes	18	P110	Buttress	1.9	1.4	1.8	1.9	Dry	14

*7 5/8" has DV Tool @ 4744'

Dv Tool Depth 4744

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	595	Class C	370	1.8	13.5	666	100%	2% CaCl2
	Tail		595	840	Class C	200	1.34	14.8	268	100%	2% CaCl2
7 5/8	Stg 2 Lead		0	4320	Class C	695	2.19	12.7	1522.05	50%	0.5% CaCl2
	Stg 2 Tail		4320	4744	Class C	150	1.33	14.8	199.5	50%	1% CaCl2
	Stg 1 Lead		4744	8435	Class H	375	2.64	10.5	990	25%	0.5% CaCl2
	Stg 1 Tail		8435	11987	Class H	400	1.19	15.6	476	25%	1% CaCl2
5 1/2	Lead										
	Tail		10990	11787							
5	Lead										
	Tail		11787	17524	Class H	635	1.27	14.8	806.45	10%	0.1% Fluid Loss

BOP/CHOKE

Pressure Rating: 10M	Rating Depth: 14000	Requesting Variance?	5M Annular on 10M BOPE Choke Hose Multi Bowl Wellhead
----------------------	---------------------	----------------------	---

Pressure

Anticipated Bottom Hole Pressure: 9,072 psi

Anticipated Bottom Hole Temperature: 181 °F

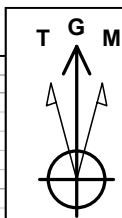
Anticipated abnormal pressures, temperatures, or potential geologic hazards? None

Anticipated Bottom Surface Pressure: 6,331 psi

Hydrogen sulfide drilling operations plan required? Yes

Circulating Medium Table			
Depth (TVD)		Type	Weight (ppg)
From	To		
0	840	FW Spud	8.3 - 8.4
840	11987	DBE	9.0 - 9.4
11987	12462	OBM	11.0 - 14.0

BTA Oil Producers, LLC



Azimuths to Grid North
True North: -0.38°
Magnetic North: 7.38°

Magnetic Field
Strength: 48692.9nT
Dip Angle: 60.08°
Date: 12/31/2009
Model: IGRF200510

SITE DETAILS: Mesa B

Site Centre Northing: 383154.37
Easting: 765479.20

Positional Uncertainty: 0.0
Convergence: 0.38
Local North: Grid

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00
2	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00
3	2200.0	8.00	306.05	2198.7	16.4	-22.5	2.00
4	7354.1	8.00	306.05	7302.7	438.6	-602.5	0.00
5	7754.1	0.00	0.00	7701.4	455.0	-625.0	2.00
6	11987.3	0.00	0.00	11934.5	455.0	-625.0	0.00
7	12037.3	0.00	0.00	11984.5	455.0	-625.0	0.00
8	12787.3	90.00	179.66	12462.0	-22.5	-622.2	12.00
9	17523.6	90.00	179.66	12462.0	-4758.7	-594.2	0.00

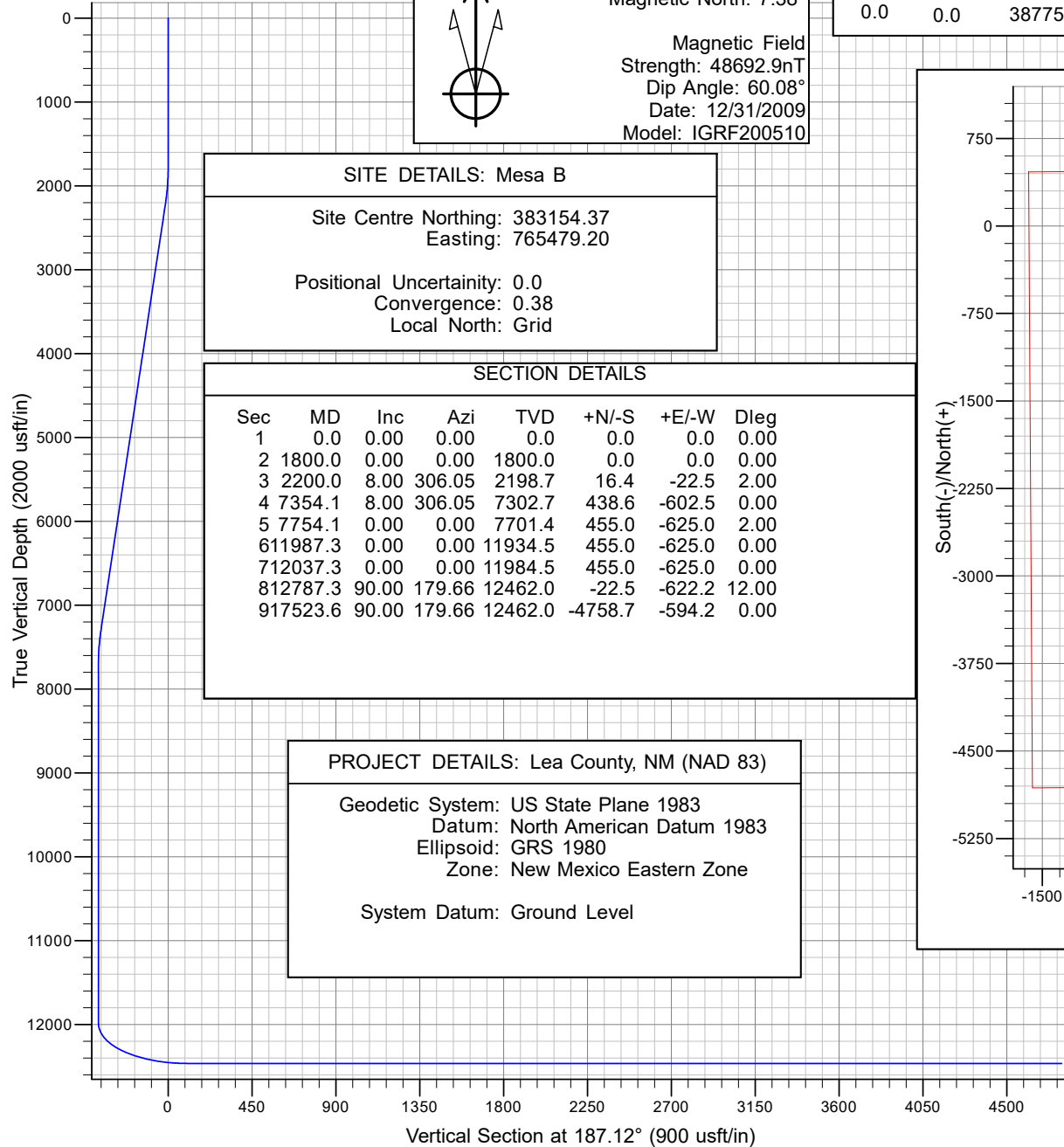
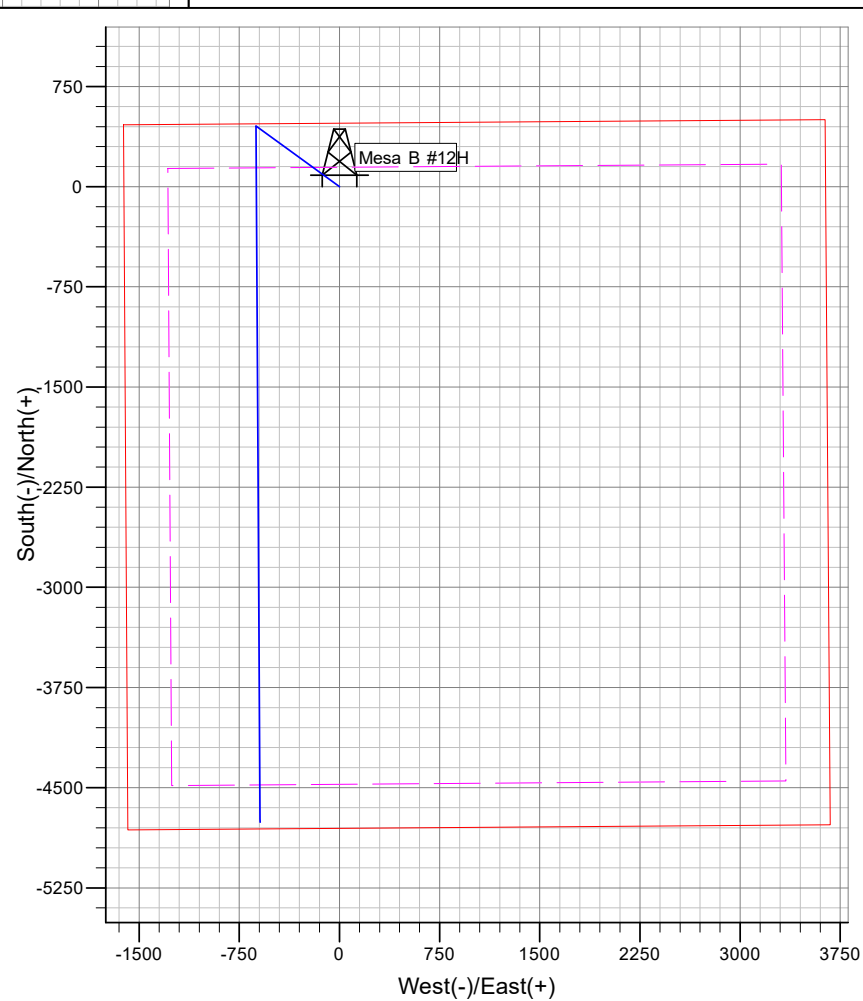
PROJECT DETAILS: Lea County, NM (NAD 83)

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

System Datum: Ground Level

WELL DETAILS: Mesa B #12H

+N/-S	+E/-W	Northing	Ground Level Easting	3284.0 Latitude	Longitude
0.0	0.0	387757.60	763984.90	32° 3' 50.355 N	103° 36' 52.549 W



BTA Oil Producers, LLC

Lea County, NM (NAD 83)

Mesa B

Mesa B #12H

Wellbore #1

Plan: Design #1

Standard Planning Report - Geographic

18 August, 2021

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3284.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3284.0usft
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #12H	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 B		
Site Position:		Northing:	383,154.37 usft
From:	Map	Easting:	765,479.20 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 3' 4.704 N
		Longitude:	103° 36' 35.543 W

Well	Mesa B #12H					
Well Position	+N/-S	0.0 usft	Northing:	387,757.60 usft	Latitude:	32° 3' 50.355 N
	+E/-W	0.0 usft	Easting:	763,984.90 usft	Longitude:	103° 36' 52.549 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,284.0 usft
Grid Convergence:		0.38 °				

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.76	60.08	48,692.90572324

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	187.12

Plan Survey Tool Program	Date	8/18/2021		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,523.6 Design #1 (Wellbore #1)		

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3284.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3284.0usft
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #12H	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	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,200.0	8.00	306.05	2,198.7	16.4	-22.5	2.00	2.00	0.00	306.05	
7,354.1	8.00	306.05	7,302.7	438.6	-602.5	0.00	0.00	0.00	0.00	
7,754.1	0.00	0.00	7,701.4	455.0	-625.0	2.00	-2.00	0.00	180.00	
11,987.3	0.00	0.00	11,934.5	455.0	-625.0	0.00	0.00	0.00	0.00	
12,037.3	0.00	0.00	11,984.5	455.0	-625.0	0.00	0.00	0.00	0.00	
12,787.3	90.00	179.66	12,462.0	-22.5	-622.2	12.00	12.00	0.00	179.66	
17,523.6	90.00	179.66	12,462.0	-4,758.7	-594.2	0.00	0.00	0.00	0.00	Mesa B #12H BHL

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3284.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3284.0usft
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #12H	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	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
100.0	0.00	0.00	100.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
200.0	0.00	0.00	200.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
300.0	0.00	0.00	300.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
400.0	0.00	0.00	400.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
500.0	0.00	0.00	500.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
600.0	0.00	0.00	600.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
700.0	0.00	0.00	700.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
800.0	0.00	0.00	800.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
900.0	0.00	0.00	900.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	387,757.60	763,984.90	32° 3' 50.355 N	103° 36' 52.549 W
1,900.0	2.00	306.05	1,900.0	1.0	-1.4	387,758.63	763,983.49	32° 3' 50.365 N	103° 36' 52.565 W
2,000.0	4.00	306.05	1,999.8	4.1	-5.6	387,761.71	763,979.26	32° 3' 50.396 N	103° 36' 52.614 W
2,100.0	6.00	306.05	2,099.5	9.2	-12.7	387,766.83	763,972.21	32° 3' 50.447 N	103° 36' 52.696 W
2,200.0	8.00	306.05	2,198.7	16.4	-22.5	387,774.01	763,962.36	32° 3' 50.519 N	103° 36' 52.810 W
2,300.0	8.00	306.05	2,297.7	24.6	-33.8	387,782.20	763,951.11	32° 3' 50.600 N	103° 36' 52.940 W
2,400.0	8.00	306.05	2,396.8	32.8	-45.0	387,790.39	763,939.86	32° 3' 50.682 N	103° 36' 53.070 W
2,500.0	8.00	306.05	2,495.8	41.0	-56.3	387,798.58	763,928.60	32° 3' 50.764 N	103° 36' 53.200 W
2,600.0	8.00	306.05	2,594.8	49.2	-67.5	387,806.77	763,917.35	32° 3' 50.846 N	103° 36' 53.330 W
2,700.0	8.00	306.05	2,693.8	57.4	-78.8	387,814.96	763,906.10	32° 3' 50.928 N	103° 36' 53.460 W
2,800.0	8.00	306.05	2,792.9	65.6	-90.0	387,823.15	763,894.85	32° 3' 51.009 N	103° 36' 53.590 W
2,900.0	8.00	306.05	2,891.9	73.7	-101.3	387,831.34	763,883.60	32° 3' 51.091 N	103° 36' 53.720 W
3,000.0	8.00	306.05	2,990.9	81.9	-112.6	387,839.53	763,872.35	32° 3' 51.173 N	103° 36' 53.851 W
3,100.0	8.00	306.05	3,089.9	90.1	-123.8	387,847.72	763,861.10	32° 3' 51.255 N	103° 36' 53.981 W
3,200.0	8.00	306.05	3,189.0	98.3	-135.1	387,855.92	763,849.85	32° 3' 51.337 N	103° 36' 54.111 W
3,300.0	8.00	306.05	3,288.0	106.5	-146.3	387,864.11	763,838.60	32° 3' 51.418 N	103° 36' 54.241 W
3,400.0	8.00	306.05	3,387.0	114.7	-157.6	387,872.30	763,827.34	32° 3' 51.500 N	103° 36' 54.371 W
3,500.0	8.00	306.05	3,486.1	122.9	-168.8	387,880.49	763,816.09	32° 3' 51.582 N	103° 36' 54.501 W
3,600.0	8.00	306.05	3,585.1	131.1	-180.1	387,888.68	763,804.84	32° 3' 51.664 N	103° 36' 54.631 W
3,700.0	8.00	306.05	3,684.1	139.3	-191.3	387,896.87	763,793.59	32° 3' 51.746 N	103° 36' 54.761 W
3,800.0	8.00	306.05	3,783.1	147.5	-202.6	387,905.06	763,782.34	32° 3' 51.827 N	103° 36' 54.891 W
3,900.0	8.00	306.05	3,882.2	155.7	-213.8	387,913.25	763,771.09	32° 3' 51.909 N	103° 36' 55.022 W
4,000.0	8.00	306.05	3,981.2	163.8	-225.1	387,921.44	763,759.84	32° 3' 51.991 N	103° 36' 55.152 W
4,100.0	8.00	306.05	4,080.2	172.0	-236.3	387,929.63	763,748.59	32° 3' 52.073 N	103° 36' 55.282 W
4,200.0	8.00	306.05	4,179.2	180.2	-247.6	387,937.82	763,737.34	32° 3' 52.154 N	103° 36' 55.412 W
4,300.0	8.00	306.05	4,278.3	188.4	-258.8	387,946.01	763,726.08	32° 3' 52.236 N	103° 36' 55.542 W
4,400.0	8.00	306.05	4,377.3	196.6	-270.1	387,954.21	763,714.83	32° 3' 52.318 N	103° 36' 55.672 W
4,500.0	8.00	306.05	4,476.3	204.8	-281.3	387,962.40	763,703.58	32° 3' 52.400 N	103° 36' 55.802 W
4,600.0	8.00	306.05	4,575.3	213.0	-292.6	387,970.59	763,692.33	32° 3' 52.482 N	103° 36' 55.932 W
4,700.0	8.00	306.05	4,674.4	221.2	-303.8	387,978.78	763,681.08	32° 3' 52.563 N	103° 36' 56.062 W
4,800.0	8.00	306.05	4,773.4	229.4	-315.1	387,986.97	763,669.83	32° 3' 52.645 N	103° 36' 56.193 W
4,900.0	8.00	306.05	4,872.4	237.6	-326.3	387,995.16	763,658.58	32° 3' 52.727 N	103° 36' 56.323 W
5,000.0	8.00	306.05	4,971.5	245.8	-337.6	388,003.35	763,647.33	32° 3' 52.809 N	103° 36' 56.453 W
5,100.0	8.00	306.05	5,070.5	254.0	-348.8	388,011.54	763,636.07	32° 3' 52.891 N	103° 36' 56.583 W
5,200.0	8.00	306.05	5,169.5	262.1	-360.1	388,019.73	763,624.82	32° 3' 52.972 N	103° 36' 56.713 W
5,300.0	8.00	306.05	5,268.5	270.3	-371.3	388,027.92	763,613.57	32° 3' 53.054 N	103° 36' 56.843 W
5,400.0	8.00	306.05	5,367.6	278.5	-382.6	388,036.11	763,602.32	32° 3' 53.136 N	103° 36' 56.973 W

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3284.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3284.0usft
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #12H	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	306.05	5,466.6	286.7	-393.8	388,044.30	763,591.07	32° 3' 53.218 N	103° 36' 57.103 W	
5,600.0	8.00	306.05	5,565.6	294.9	-405.1	388,052.50	763,579.82	32° 3' 53.300 N	103° 36' 57.233 W	
5,700.0	8.00	306.05	5,664.6	303.1	-416.3	388,060.69	763,568.57	32° 3' 53.381 N	103° 36' 57.364 W	
5,800.0	8.00	306.05	5,763.7	311.3	-427.6	388,068.88	763,557.32	32° 3' 53.463 N	103° 36' 57.494 W	
5,900.0	8.00	306.05	5,862.7	319.5	-438.8	388,077.07	763,546.07	32° 3' 53.545 N	103° 36' 57.624 W	
6,000.0	8.00	306.05	5,961.7	327.7	-450.1	388,085.26	763,534.81	32° 3' 53.627 N	103° 36' 57.754 W	
6,100.0	8.00	306.05	6,060.7	335.9	-461.3	388,093.45	763,523.56	32° 3' 53.709 N	103° 36' 57.884 W	
6,200.0	8.00	306.05	6,159.8	344.1	-472.6	388,101.64	763,512.31	32° 3' 53.790 N	103° 36' 58.014 W	
6,300.0	8.00	306.05	6,258.8	352.2	-483.9	388,109.83	763,501.06	32° 3' 53.872 N	103° 36' 58.144 W	
6,400.0	8.00	306.05	6,357.8	360.4	-495.1	388,118.02	763,489.81	32° 3' 53.954 N	103° 36' 58.274 W	
6,500.0	8.00	306.05	6,456.9	368.6	-506.4	388,126.21	763,478.56	32° 3' 54.036 N	103° 36' 58.404 W	
6,600.0	8.00	306.05	6,555.9	376.8	-517.6	388,134.40	763,467.31	32° 3' 54.118 N	103° 36' 58.535 W	
6,700.0	8.00	306.05	6,654.9	385.0	-528.9	388,142.59	763,456.06	32° 3' 54.199 N	103° 36' 58.665 W	
6,800.0	8.00	306.05	6,753.9	393.2	-540.1	388,150.79	763,444.81	32° 3' 54.281 N	103° 36' 58.795 W	
6,900.0	8.00	306.05	6,853.0	401.4	-551.4	388,158.98	763,433.55	32° 3' 54.363 N	103° 36' 58.925 W	
7,000.0	8.00	306.05	6,952.0	409.6	-562.6	388,167.17	763,422.30	32° 3' 54.445 N	103° 36' 59.055 W	
7,100.0	8.00	306.05	7,051.0	417.8	-573.9	388,175.36	763,411.05	32° 3' 54.526 N	103° 36' 59.185 W	
7,200.0	8.00	306.05	7,150.0	426.0	-585.1	388,183.55	763,399.80	32° 3' 54.608 N	103° 36' 59.315 W	
7,300.0	8.00	306.05	7,249.1	434.2	-596.4	388,191.74	763,388.55	32° 3' 54.690 N	103° 36' 59.445 W	
7,354.1	8.00	306.05	7,302.7	438.6	-602.5	388,196.17	763,382.46	32° 3' 54.734 N	103° 36' 59.516 W	
7,400.0	7.08	306.05	7,348.1	442.1	-607.3	388,199.72	763,377.59	32° 3' 54.770 N	103° 36' 59.572 W	
7,500.0	5.08	306.05	7,447.6	448.4	-615.9	388,205.95	763,369.03	32° 3' 54.832 N	103° 36' 59.671 W	
7,600.0	3.08	306.05	7,547.3	452.6	-621.6	388,210.14	763,363.27	32° 3' 54.874 N	103° 36' 59.738 W	
7,700.0	1.08	306.05	7,647.2	454.7	-624.6	388,212.28	763,360.33	32° 3' 54.895 N	103° 36' 59.772 W	
7,754.1	0.00	0.00	7,701.4	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
7,800.0	0.00	0.00	7,747.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
7,900.0	0.00	0.00	7,847.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,000.0	0.00	0.00	7,947.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,100.0	0.00	0.00	8,047.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,200.0	0.00	0.00	8,147.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,300.0	0.00	0.00	8,247.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,400.0	0.00	0.00	8,347.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,500.0	0.00	0.00	8,447.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,600.0	0.00	0.00	8,547.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,700.0	0.00	0.00	8,647.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,800.0	0.00	0.00	8,747.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
8,900.0	0.00	0.00	8,847.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,000.0	0.00	0.00	8,947.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,100.0	0.00	0.00	9,047.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,200.0	0.00	0.00	9,147.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,300.0	0.00	0.00	9,247.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,400.0	0.00	0.00	9,347.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,500.0	0.00	0.00	9,447.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,600.0	0.00	0.00	9,547.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,700.0	0.00	0.00	9,647.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,800.0	0.00	0.00	9,747.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
9,900.0	0.00	0.00	9,847.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,000.0	0.00	0.00	9,947.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,100.0	0.00	0.00	10,047.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,200.0	0.00	0.00	10,147.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,300.0	0.00	0.00	10,247.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,400.0	0.00	0.00	10,347.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,500.0	0.00	0.00	10,447.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,600.0	0.00	0.00	10,547.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,700.0	0.00	0.00	10,647.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3284.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3284.0usft
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #12H	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	10,747.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
10,900.0	0.00	0.00	10,847.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,000.0	0.00	0.00	10,947.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,100.0	0.00	0.00	11,047.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,200.0	0.00	0.00	11,147.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,300.0	0.00	0.00	11,247.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,400.0	0.00	0.00	11,347.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,500.0	0.00	0.00	11,447.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,600.0	0.00	0.00	11,547.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,700.0	0.00	0.00	11,647.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,800.0	0.00	0.00	11,747.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,900.0	0.00	0.00	11,847.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
11,987.3	0.00	0.00	11,934.5	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
12,000.0	0.00	0.00	11,947.2	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
12,037.3	0.00	0.00	11,984.5	455.0	-625.0	388,212.58	763,359.92	32° 3' 54.898 N	103° 36' 59.776 W	
12,100.0	7.52	179.66	12,047.1	450.9	-625.0	388,208.47	763,359.94	32° 3' 54.857 N	103° 36' 59.777 W	
12,200.0	19.52	179.66	12,144.1	427.5	-624.8	388,185.13	763,360.08	32° 3' 54.626 N	103° 36' 59.777 W	
12,300.0	31.52	179.66	12,234.2	384.5	-624.6	388,142.12	763,360.33	32° 3' 54.201 N	103° 36' 59.777 W	
12,400.0	43.52	179.66	12,313.4	323.7	-624.2	388,081.32	763,360.69	32° 3' 53.599 N	103° 36' 59.778 W	
12,500.0	55.52	179.66	12,378.1	247.8	-623.8	388,005.40	763,361.14	32° 3' 52.848 N	103° 36' 59.778 W	
12,600.0	67.52	179.66	12,425.7	160.1	-623.3	387,917.66	763,361.66	32° 3' 51.980 N	103° 36' 59.779 W	
12,700.0	79.52	179.66	12,454.0	64.3	-622.7	387,821.94	763,362.22	32° 3' 51.032 N	103° 36' 59.780 W	
12,787.3	90.00	179.66	12,462.0	-22.5	-622.2	387,735.14	763,362.74	32° 3' 50.173 N	103° 36' 59.781 W	
12,800.0	90.00	179.66	12,462.0	-35.2	-622.1	387,722.44	763,362.81	32° 3' 50.048 N	103° 36' 59.781 W	
12,900.0	90.00	179.66	12,462.0	-135.2	-621.5	387,622.44	763,363.40	32° 3' 49.058 N	103° 36' 59.782 W	
13,000.0	90.00	179.66	12,462.0	-235.2	-620.9	387,522.45	763,363.99	32° 3' 48.069 N	103° 36' 59.782 W	
13,100.0	90.00	179.66	12,462.0	-335.2	-620.3	387,422.45	763,364.58	32° 3' 47.079 N	103° 36' 59.783 W	
13,200.0	90.00	179.66	12,462.0	-435.2	-619.7	387,322.46	763,365.17	32° 3' 46.090 N	103° 36' 59.784 W	
13,300.0	90.00	179.66	12,462.0	-535.2	-619.2	387,222.46	763,365.76	32° 3' 45.100 N	103° 36' 59.785 W	
13,400.0	90.00	179.66	12,462.0	-635.2	-618.6	387,122.47	763,366.35	32° 3' 44.110 N	103° 36' 59.786 W	
13,500.0	90.00	179.66	12,462.0	-735.2	-618.0	387,022.47	763,366.94	32° 3' 43.121 N	103° 36' 59.787 W	
13,600.0	90.00	179.66	12,462.0	-835.2	-617.4	386,922.48	763,367.53	32° 3' 42.131 N	103° 36' 59.788 W	
13,700.0	90.00	179.66	12,462.0	-935.1	-616.8	386,822.48	763,368.13	32° 3' 41.142 N	103° 36' 59.788 W	
13,800.0	90.00	179.66	12,462.0	-1,035.1	-616.2	386,722.49	763,368.72	32° 3' 40.152 N	103° 36' 59.789 W	
13,900.0	90.00	179.66	12,462.0	-1,135.1	-615.6	386,622.49	763,369.31	32° 3' 39.163 N	103° 36' 59.790 W	
14,000.0	90.00	179.66	12,462.0	-1,235.1	-615.0	386,522.50	763,369.90	32° 3' 38.173 N	103° 36' 59.791 W	
14,100.0	90.00	179.66	12,462.0	-1,335.1	-614.4	386,422.50	763,370.49	32° 3' 37.184 N	103° 36' 59.792 W	
14,200.0	90.00	179.66	12,462.0	-1,435.1	-613.8	386,322.51	763,371.08	32° 3' 36.194 N	103° 36' 59.793 W	
14,300.0	90.00	179.66	12,462.0	-1,535.1	-613.3	386,222.51	763,371.67	32° 3' 35.205 N	103° 36' 59.794 W	
14,400.0	90.00	179.66	12,462.0	-1,635.1	-612.7	386,122.52	763,372.26	32° 3' 34.215 N	103° 36' 59.794 W	
14,500.0	90.00	179.66	12,462.0	-1,735.1	-612.1	386,022.52	763,372.85	32° 3' 33.226 N	103° 36' 59.795 W	
14,600.0	90.00	179.66	12,462.0	-1,835.1	-611.5	385,922.53	763,373.44	32° 3' 32.236 N	103° 36' 59.796 W	
14,700.0	90.00	179.66	12,462.0	-1,935.1	-610.9	385,822.53	763,374.03	32° 3' 31.246 N	103° 36' 59.797 W	
14,800.0	90.00	179.66	12,462.0	-2,035.1	-610.3	385,722.54	763,374.62	32° 3' 30.257 N	103° 36' 59.798 W	
14,900.0	90.00	179.66	12,462.0	-2,135.1	-609.7	385,622.54	763,375.21	32° 3' 29.267 N	103° 36' 59.799 W	
15,000.0	90.00	179.66	12,462.0	-2,235.1	-609.1	385,522.55	763,375.80	32° 3' 28.278 N	103° 36' 59.800 W	
15,100.0	90.00	179.66	12,462.0	-2,335.1	-608.5	385,422.55	763,376.39	32° 3' 27.288 N	103° 36' 59.800 W	
15,200.0	90.00	179.66	12,462.0	-2,435.1	-607.9	385,322.56	763,376.98	32° 3' 26.299 N	103° 36' 59.801 W	
15,300.0	90.00	179.66	12,462.0	-2,535.1	-607.3	385,222.56	763,377.57	32° 3' 25.309 N	103° 36' 59.802 W	
15,400.0	90.00	179.66	12,462.0	-2,635.1	-606.8	385,122.57	763,378.16	32° 3' 24.320 N	103° 36' 59.803 W	
15,500.0	90.00	179.66	12,462.0	-2,735.1	-606.2	385,022.57	763,378.75	32° 3' 23.330 N	103° 36' 59.804 W	
15,600.0	90.00	179.66	12,462.0	-2,835.1	-605.6	384,922.58	763,379.34	32° 3' 22.341 N	103° 36' 59.805 W	
15,700.0	90.00	179.66	12,462.0	-2,935.1	-605.0	384,822.58	763,379.93	32° 3' 21.351 N	103° 36' 59.806 W	
15,800.0	90.00	179.66	12,462.0	-3,035.1	-604.4	384,722.59	763,380.52	32° 3' 20.361 N	103° 36' 59.806 W	
15,900.0	90.00	179.66	12,462.0	-3,135.1	-603.8	384,622.60	763,381.11	32° 3' 19.372 N	103° 36' 59.807 W	

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #12H
Company:	BTA Oil Producers, LLC	TVD Reference:	GL @ 3284.0usft
Project:	Lea County, NM (NAD 83)	MD Reference:	GL @ 3284.0usft
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #12H	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	179.66	12,462.0	-3,235.1	-603.2	384,522.60	763,381.70	32° 3' 18.382 N	103° 36' 59.808 W	
16,100.0	90.00	179.66	12,462.0	-3,335.1	-602.6	384,422.61	763,382.29	32° 3' 17.393 N	103° 36' 59.809 W	
16,200.0	90.00	179.66	12,462.0	-3,435.1	-602.0	384,322.61	763,382.88	32° 3' 16.403 N	103° 36' 59.810 W	
16,300.0	90.00	179.66	12,462.0	-3,535.1	-601.4	384,222.62	763,383.47	32° 3' 15.414 N	103° 36' 59.811 W	
16,400.0	90.00	179.66	12,462.0	-3,635.1	-600.9	384,122.62	763,384.06	32° 3' 14.424 N	103° 36' 59.811 W	
16,500.0	90.00	179.66	12,462.0	-3,735.1	-600.3	384,022.63	763,384.65	32° 3' 13.435 N	103° 36' 59.812 W	
16,600.0	90.00	179.66	12,462.0	-3,835.1	-599.7	383,922.63	763,385.24	32° 3' 12.445 N	103° 36' 59.813 W	
16,700.0	90.00	179.66	12,462.0	-3,935.1	-599.1	383,822.64	763,385.84	32° 3' 11.456 N	103° 36' 59.814 W	
16,800.0	90.00	179.66	12,462.0	-4,035.1	-598.5	383,722.64	763,386.43	32° 3' 10.466 N	103° 36' 59.815 W	
16,900.0	90.00	179.66	12,462.0	-4,135.1	-597.9	383,622.65	763,387.02	32° 3' 9.476 N	103° 36' 59.816 W	
17,000.0	90.00	179.66	12,462.0	-4,235.1	-597.3	383,522.65	763,387.61	32° 3' 8.487 N	103° 36' 59.817 W	
17,100.0	90.00	179.66	12,462.0	-4,335.1	-596.7	383,422.66	763,388.20	32° 3' 7.497 N	103° 36' 59.817 W	
17,200.0	90.00	179.66	12,462.0	-4,435.1	-596.1	383,322.66	763,388.79	32° 3' 6.508 N	103° 36' 59.818 W	
17,300.0	90.00	179.66	12,462.0	-4,535.1	-595.5	383,222.67	763,389.38	32° 3' 5.518 N	103° 36' 59.819 W	
17,400.0	90.00	179.66	12,462.0	-4,635.1	-594.9	383,122.67	763,389.97	32° 3' 4.529 N	103° 36' 59.820 W	
17,500.0	90.00	179.66	12,462.0	-4,735.1	-594.4	383,022.68	763,390.56	32° 3' 3.539 N	103° 36' 59.821 W	
17,523.6	90.00	179.66	12,462.0	-4,758.7	-594.2	382,999.10	763,390.70	32° 3' 3.306 N	103° 36' 59.821 W	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
Mesa B #12H BHL	0.00	0.01	12,462.0	-4,758.7	-594.2	382,999.10	763,390.70	32° 3' 3.306 N	103° 36' 59.821 W	
- plan hits target center										
- Point										

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, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-46636	Pool Code 98097	Pool Name SANDERS TANK ; WOLFCAMP
Property Code 326144	Property Name MESA B 8115 FED COM	Well Number 12H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Elevation 3284'

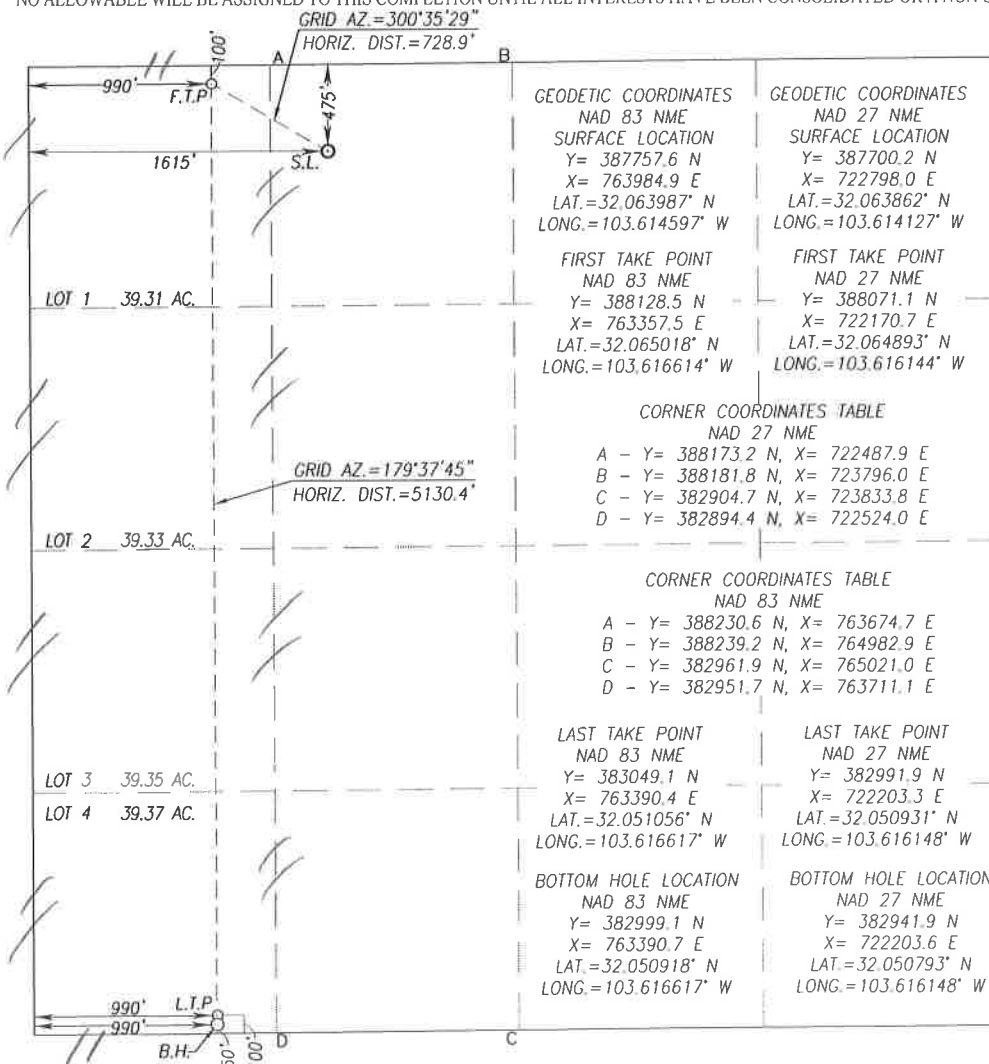
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	26-S	33-E		475	NORTH	1615	WEST	LEA

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	7	26-S	33-E		50	SOUTH	990	WEST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sammy Hajar
Signature

8/19/21

Date

Sammy Hajar

Printed Name

SHAJAR@BTAOIL.COM

E-mail Address

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
Signature & Seal of Professional Surveyor

Ronald J. Eidson
Certificate Number
Gary G. Eidson 12641
Ronald J. Eidson 3239

ACK REL W.O. 18110497 JWSC W.O. 19131132

7.625 29.7# P-110 HC Stinger™

Pipe Body Data

Nominal OD	7.625	Inches
Wall Thickness	0.375	Inches
Weight	29.70	lb/ft
PE Weight	29.04	lb/ft
Nominal ID	6.875	Inches
Drift	6.750	Inches
Minimum Yield Strength	110,000	PSI
Minimum Tensile Strength	125,000	PSI
RBW	87.5%	Rating

Make-Up torques

Yield torque	25,960	LBS.
Max Operating Torque	23,600	LBS.
Max Make-Up	18,900	LBS.
Optimum Make-Up	17,200	LBS.
Minimum Make-Up	15,500	LBS.

Connection Data

Connection OD	7.625	Inches
Connection ID	6.875	Inches
Make-Up loss	3.030	Inches
Tension Efficiency	60%	Rating
Compression Efficiency	60%	Rating
Yield Strength in Tension	564,000	LBS.
Yield Strength in Compression	564,000	LBS.
MIYP (Burst)	7,570	PSI
Collapse Pressure	6,150	PSI
Uniaxial Bending	-	degrees

OFSI SYNERGY
SERVICE PACKAGE

Technical Sales Support: Rafael Escamilla Jr., Cell: 281-949-7704, jescamilla@ofsi.com

This document contains proprietary and confidential information and may not be copied, published, distributed, or transmitted, in whole or in part, by any medium or in any form without obtaining prior written consent.

Product is sold by OFSI under a license from Fermata Technologies, LLC

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 47906

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 47906
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	10/8/2021