

Well Name: MESA B 8115 FED COM	Well Location: T26S / R33E / SEC 7 / NENE / 32.064198 / -103.605431	County or Parish/State: LEA / NM
Well Number: 14H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0160973	Unit or CA Name: MESA B 8105 JV-P COM	Unit or CA Number: NMNM82045
US Well Number: 3002546739	Well Status: Approved Application for Permit to Drill	Operator: BTA OIL PRODUCERS LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 03/17/2021	Time Sundry Submitted: 10:09
Date proposed operation will begin: 03/16/2021	

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

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Mesa_B_8115_Fed_Com_14H_Sundry_20210317100829.pdf
- Mesa_B_14H_Wall_plot_20210317100819.pdf
- Mesa_B_14H_directional_plan_20210317100819.pdf
- Signed_New_MESA_B_8115_FED_COM_14H_c102_20210317100804.pdf
- DRILL_PLAN_Mesa_B_8115_14H_20210317100804.pdf

Well Name: MESA B 8115 FED COM	Well Location: T26S / R33E / SEC 7 / NENE / 32.064198 / -103.605431	County or Parish/State: LEA / NM
Well Number: 14H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0160973	Unit or CA Name: MESA B 8105 JV-P COM	Unit or CA Number: NMNM82045
US Well Number: 3002546739	Well Status: Approved Application for Permit to Drill	Operator: BTA OIL PRODUCERS LLC

Conditions of Approval

Additional Reviews

Mesa_B_8115_Fed_Com_14H_COA_Sundry_1518539_OTA_20210804161314.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: MAR 17, 2021 10:08 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: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 08/05/2021
Signature: Chris Walls	

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

Mud Program Mesa B 8115 Fed Com #14H:

Original Permit

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

Proposed Change

- Surface Section – Fresh water 8.4 ppg
- Intermediate – Brine 10.0 – 10.2 ppg
- Production – Cut Brine 8.9 – 9.4 ppg

Casing Programs

Mesa B 8115 Fed Com #14H

Original APD

- Surface
10-3/4” 40.5# J-55 STC set at 890’ in a 14-3/4” hole
- Intermediate
9-7/8” hole from 890’ to 8007’ and 8-3/4” hole from 8007’ – 11901’. 7-5/8” 29.7# P-110 BTC from 0 - 7700’ and 7-5/8” 29.7# P-110 Stinger HC from 7700’ – 11901’ and DV tool at 4741’
- Production
11701’ of 5-1/2” 20# P-110 BTC and 5781’ of 5” 18# P-110 BTC set at 17482’ (12485’ TVD) in a 6-3/4” hole

Proposed Change

- Surface
13-3/8” 54.5# J-55 STC set at 890’ in a 17-1/2” hole
- Intermediate
9-5/8” 40# J-55 @ 4783’ in a 12-1/4” hole
- Production Casing
5-1/2” 17# P-110 @ 15891’ in an 8-3/4” hole

Cement Programs

Mesa B 8115 Fed Com #14H

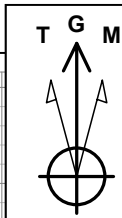
Original APD

- Surface Cement
Lead 400 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
Stage 1 Lead 305 sx; 2.64 cfs; 10.5 ppg; 50:50 Class H; 15% excess
Stage 1 Tail 400 sx; 1.19 cfs; 15.6 ppg; 100% Class H; 15% excess
Stage 2 Lead 695 sx; 2.19 cfs; 12.7 ppg 100% Class C; 50% excess
Stage 2 Tail 150 sx; 1.33 cfs; 14.8 ppg; 100% Class C; 50% excess
- Production Cement
Lead 640 sx; 1.27 cfs; 14.8 ppg; 100% Class H; 10% excess

Proposed Change

- Surface Cement
 - Lead 690 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 1410 sx; 2.18 cfs; 12.9 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

BTA Oil Producers, LLC



Azimuths to Grid North
 True North: -0.39°
 Magnetic North: 7.37°
 Magnetic Field
 Strength: 48694.1nT
 Dip Angle: 60.09°
 Date: 12/31/2009
 Model: IGRF200510

WELL DETAILS: Mesa B #14H

+N/-S	+E/-W	Ground Level Northing	Ground Level Easting	Ground Level: 3302.0 Latitude	Longitude
0.0	0.0	387853.10	766824.00	32° 3' 51.111 N	103° 36' 19.550 W

SITE DETAILS: Mesa B

Site Centre Northing: 383154.37
 Easting: 765479.20

Positional Uncertainty: 0.0
 Convergence: 0.38
 Local North: Grid

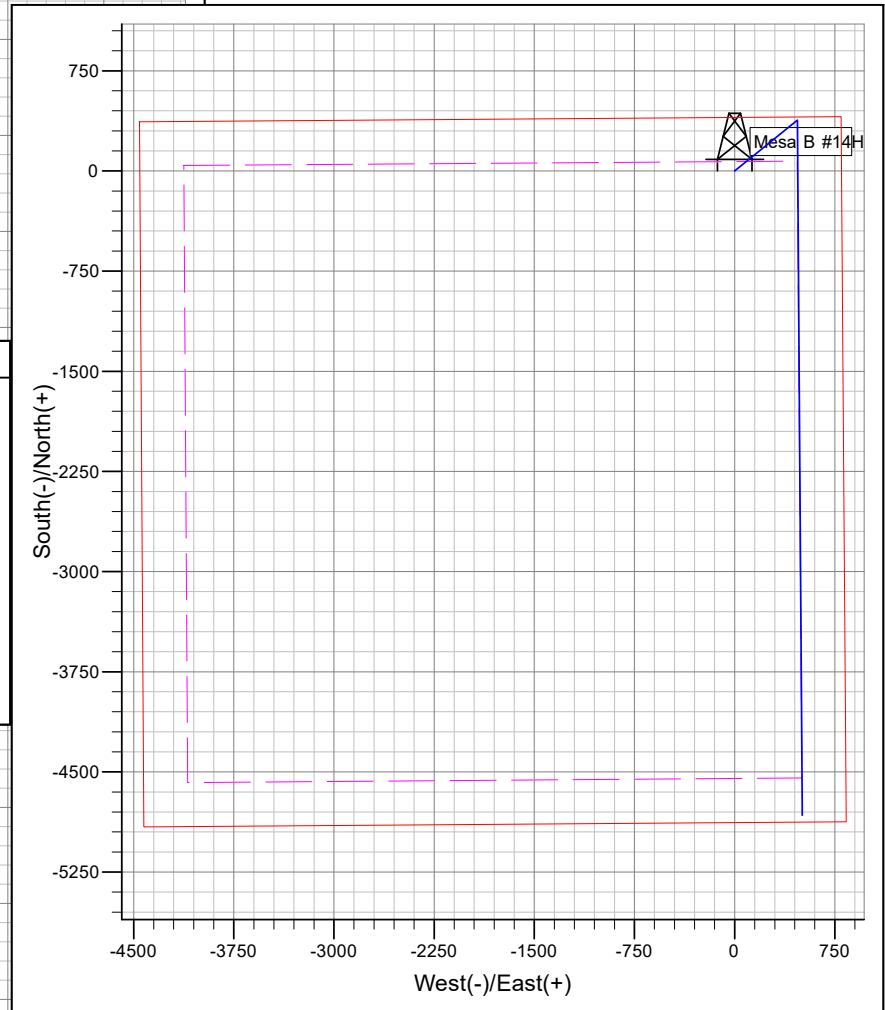
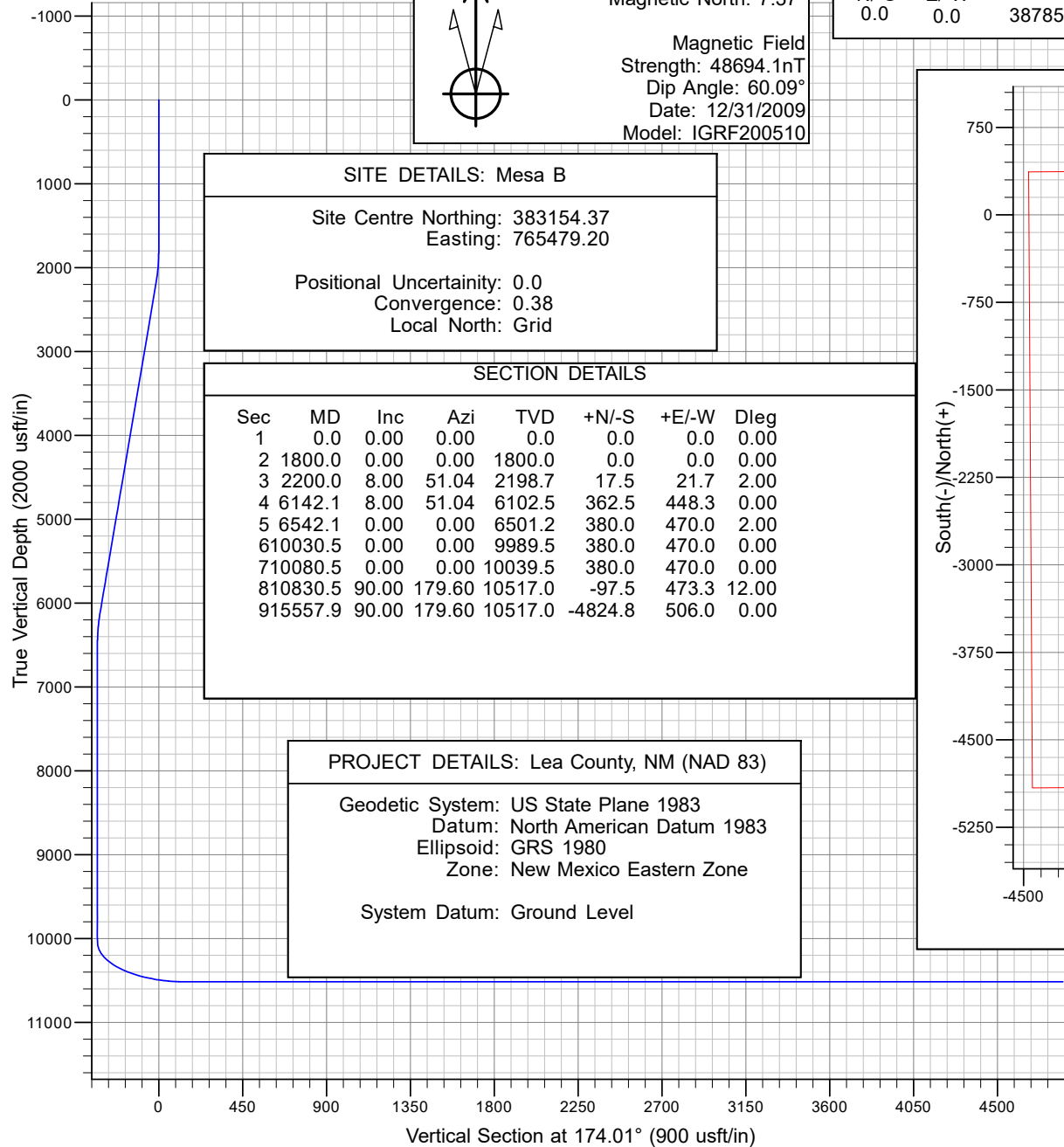
SECTION DETAILS

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	51.04	2198.7	17.5	21.7	2.00
4	6142.1	8.00	51.04	6102.5	362.5	448.3	0.00
5	6542.1	0.00	0.00	6501.2	380.0	470.0	2.00
6	10030.5	0.00	0.00	9989.5	380.0	470.0	0.00
7	10080.5	0.00	0.00	10039.5	380.0	470.0	0.00
8	10830.5	90.00	179.60	10517.0	-97.5	473.3	12.00
9	15557.9	90.00	179.60	10517.0	-4824.8	506.0	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 B

Mesa B #14H

Wellbore #1

Plan: Design #1

Standard Planning Report - Geographic

16 March, 2021

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #14H
Company:	BTA Oil Producers, LLC	TVD Reference:	WELL @ 3302.0usft (Original Well Elev)
Project:	Lea County, NM (NAD 83)	MD Reference:	WELL @ 3302.0usft (Original Well Elev)
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #14H	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 #14H					
Well Position	+N/-S	0.0 usft	Northing:	387,853.10 usft	Latitude:	32° 3' 51.111 N
	+E/-W	0.0 usft	Easting:	766,824.00 usft	Longitude:	103° 36' 19.550 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,302.0 usft
Grid Convergence:	0.39 °					

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.75	60.09	48,694.10232522

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	174.01

Plan Survey Tool Program	Date	3/16/2021		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,557.9 Design #1 (Wellbore #1)		

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #14H
Company:	BTA Oil Producers, LLC	TVD Reference:	WELL @ 3302.0usft (Original Well Elev)
Project:	Lea County, NM (NAD 83)	MD Reference:	WELL @ 3302.0usft (Original Well Elev)
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #14H	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	51.04	2,198.7	17.5	21.7	2.00	2.00	0.00	51.04	
6,142.1	8.00	51.04	6,102.5	362.5	448.3	0.00	0.00	0.00	0.00	
6,542.1	0.00	0.00	6,501.2	380.0	470.0	2.00	-2.00	0.00	180.00	
10,030.5	0.00	0.00	9,989.5	380.0	470.0	0.00	0.00	0.00	0.00	
10,080.5	0.00	0.00	10,039.5	380.0	470.0	0.00	0.00	0.00	0.00	
10,830.5	90.00	179.60	10,517.0	-97.5	473.3	12.00	12.00	0.00	179.60	
15,557.9	90.00	179.60	10,517.0	-4,824.8	506.0	0.00	0.00	0.00	0.00	Mesa B #14H BHL

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #14H
Company:	BTA Oil Producers, LLC	TVD Reference:	WELL @ 3302.0usft (Original Well Elev)
Project:	Lea County, NM (NAD 83)	MD Reference:	WELL @ 3302.0usft (Original Well Elev)
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #14H	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	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
100.0	0.00	0.00	100.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
200.0	0.00	0.00	200.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
300.0	0.00	0.00	300.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
400.0	0.00	0.00	400.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
500.0	0.00	0.00	500.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
600.0	0.00	0.00	600.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
700.0	0.00	0.00	700.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
800.0	0.00	0.00	800.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
900.0	0.00	0.00	900.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	387,853.10	766,824.00	32° 3' 51.111 N	103° 36' 19.550 W
1,900.0	2.00	51.04	1,900.0	1.1	1.4	387,854.20	766,825.35	32° 3' 51.122 N	103° 36' 19.534 W
2,000.0	4.00	51.04	1,999.8	4.4	5.4	387,857.49	766,829.42	32° 3' 51.155 N	103° 36' 19.486 W
2,100.0	6.00	51.04	2,099.5	9.9	12.2	387,862.97	766,836.20	32° 3' 51.208 N	103° 36' 19.407 W
2,200.0	8.00	51.04	2,198.7	17.5	21.7	387,870.63	766,845.68	32° 3' 51.283 N	103° 36' 19.296 W
2,300.0	8.00	51.04	2,297.7	26.3	32.5	387,879.38	766,856.50	32° 3' 51.369 N	103° 36' 19.170 W
2,400.0	8.00	51.04	2,396.8	35.0	43.3	387,888.13	766,867.32	32° 3' 51.455 N	103° 36' 19.044 W
2,500.0	8.00	51.04	2,495.8	43.8	54.1	387,896.88	766,878.14	32° 3' 51.541 N	103° 36' 18.917 W
2,600.0	8.00	51.04	2,594.8	52.5	65.0	387,905.63	766,888.97	32° 3' 51.627 N	103° 36' 18.791 W
2,700.0	8.00	51.04	2,693.8	61.3	75.8	387,914.38	766,899.79	32° 3' 51.713 N	103° 36' 18.664 W
2,800.0	8.00	51.04	2,792.9	70.0	86.6	387,923.13	766,910.61	32° 3' 51.799 N	103° 36' 18.538 W
2,900.0	8.00	51.04	2,891.9	78.8	97.4	387,931.88	766,921.43	32° 3' 51.885 N	103° 36' 18.411 W
3,000.0	8.00	51.04	2,990.9	87.5	108.3	387,940.63	766,932.25	32° 3' 51.970 N	103° 36' 18.285 W
3,100.0	8.00	51.04	3,089.9	96.3	119.1	387,949.38	766,943.08	32° 3' 52.056 N	103° 36' 18.158 W
3,200.0	8.00	51.04	3,189.0	105.0	129.9	387,958.13	766,953.90	32° 3' 52.142 N	103° 36' 18.032 W
3,300.0	8.00	51.04	3,288.0	113.8	140.7	387,966.88	766,964.72	32° 3' 52.228 N	103° 36' 17.906 W
3,400.0	8.00	51.04	3,387.0	122.5	151.6	387,975.62	766,975.54	32° 3' 52.314 N	103° 36' 17.779 W
3,500.0	8.00	51.04	3,486.1	131.3	162.4	387,984.37	766,986.36	32° 3' 52.400 N	103° 36' 17.653 W
3,600.0	8.00	51.04	3,585.1	140.0	173.2	387,993.12	766,997.19	32° 3' 52.486 N	103° 36' 17.526 W
3,700.0	8.00	51.04	3,684.1	148.8	184.0	388,001.87	767,008.01	32° 3' 52.571 N	103° 36' 17.400 W
3,800.0	8.00	51.04	3,783.1	157.5	194.8	388,010.62	767,018.83	32° 3' 52.657 N	103° 36' 17.273 W
3,900.0	8.00	51.04	3,882.2	166.3	205.7	388,019.37	767,029.65	32° 3' 52.743 N	103° 36' 17.147 W
4,000.0	8.00	51.04	3,981.2	175.0	216.5	388,028.12	767,040.48	32° 3' 52.829 N	103° 36' 17.020 W
4,100.0	8.00	51.04	4,080.2	183.8	227.3	388,036.87	767,051.30	32° 3' 52.915 N	103° 36' 16.894 W
4,200.0	8.00	51.04	4,179.2	192.5	238.1	388,045.62	767,062.12	32° 3' 53.001 N	103° 36' 16.768 W
4,300.0	8.00	51.04	4,278.3	201.3	249.0	388,054.37	767,072.94	32° 3' 53.087 N	103° 36' 16.641 W
4,400.0	8.00	51.04	4,377.3	210.0	259.8	388,063.12	767,083.76	32° 3' 53.172 N	103° 36' 16.515 W
4,500.0	8.00	51.04	4,476.3	218.8	270.6	388,071.87	767,094.59	32° 3' 53.258 N	103° 36' 16.388 W
4,600.0	8.00	51.04	4,575.3	227.5	281.4	388,080.62	767,105.41	32° 3' 53.344 N	103° 36' 16.262 W
4,700.0	8.00	51.04	4,674.4	236.3	292.2	388,089.37	767,116.23	32° 3' 53.430 N	103° 36' 16.135 W
4,800.0	8.00	51.04	4,773.4	245.0	303.1	388,098.12	767,127.05	32° 3' 53.516 N	103° 36' 16.009 W
4,900.0	8.00	51.04	4,872.4	253.8	313.9	388,106.87	767,137.88	32° 3' 53.602 N	103° 36' 15.882 W
5,000.0	8.00	51.04	4,971.5	262.5	324.7	388,115.62	767,148.70	32° 3' 53.688 N	103° 36' 15.756 W
5,100.0	8.00	51.04	5,070.5	271.3	335.5	388,124.37	767,159.52	32° 3' 53.773 N	103° 36' 15.630 W
5,200.0	8.00	51.04	5,169.5	280.0	346.4	388,133.12	767,170.34	32° 3' 53.859 N	103° 36' 15.503 W
5,300.0	8.00	51.04	5,268.5	288.8	357.2	388,141.87	767,181.16	32° 3' 53.945 N	103° 36' 15.377 W
5,400.0	8.00	51.04	5,367.6	297.5	368.0	388,150.62	767,191.99	32° 3' 54.031 N	103° 36' 15.250 W

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #14H
Company:	BTA Oil Producers, LLC	TVD Reference:	WELL @ 3302.0usft (Original Well Elev)
Project:	Lea County, NM (NAD 83)	MD Reference:	WELL @ 3302.0usft (Original Well Elev)
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #14H	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	51.04	5,466.6	306.3	378.8	388,159.37	767,202.81	32° 3' 54.117 N	103° 36' 15.124 W	
5,600.0	8.00	51.04	5,565.6	315.0	389.6	388,168.12	767,213.63	32° 3' 54.203 N	103° 36' 14.997 W	
5,700.0	8.00	51.04	5,664.6	323.8	400.5	388,176.87	767,224.45	32° 3' 54.289 N	103° 36' 14.871 W	
5,800.0	8.00	51.04	5,763.7	332.5	411.3	388,185.62	767,235.27	32° 3' 54.374 N	103° 36' 14.744 W	
5,900.0	8.00	51.04	5,862.7	341.3	422.1	388,194.37	767,246.10	32° 3' 54.460 N	103° 36' 14.618 W	
6,000.0	8.00	51.04	5,961.7	350.0	432.9	388,203.12	767,256.92	32° 3' 54.546 N	103° 36' 14.492 W	
6,100.0	8.00	51.04	6,060.7	358.8	443.8	388,211.87	767,267.74	32° 3' 54.632 N	103° 36' 14.365 W	
6,142.1	8.00	51.04	6,102.5	362.5	448.3	388,215.56	767,272.30	32° 3' 54.668 N	103° 36' 14.312 W	
6,200.0	6.84	51.04	6,159.9	367.2	454.1	388,220.26	767,278.11	32° 3' 54.714 N	103° 36' 14.244 W	
6,300.0	4.84	51.04	6,259.3	373.6	462.0	388,226.66	767,286.03	32° 3' 54.777 N	103° 36' 14.151 W	
6,400.0	2.84	51.04	6,359.1	377.8	467.3	388,230.87	767,291.24	32° 3' 54.818 N	103° 36' 14.091 W	
6,500.0	0.84	51.04	6,459.0	379.8	469.8	388,232.89	767,293.74	32° 3' 54.838 N	103° 36' 14.061 W	
6,542.1	0.00	0.00	6,501.2	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
6,600.0	0.00	0.00	6,559.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
6,700.0	0.00	0.00	6,659.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
6,800.0	0.00	0.00	6,759.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
6,900.0	0.00	0.00	6,859.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,000.0	0.00	0.00	6,959.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,100.0	0.00	0.00	7,059.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,200.0	0.00	0.00	7,159.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,300.0	0.00	0.00	7,259.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,400.0	0.00	0.00	7,359.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,500.0	0.00	0.00	7,459.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,600.0	0.00	0.00	7,559.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,700.0	0.00	0.00	7,659.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,800.0	0.00	0.00	7,759.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
7,900.0	0.00	0.00	7,859.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,000.0	0.00	0.00	7,959.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,100.0	0.00	0.00	8,059.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,200.0	0.00	0.00	8,159.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,300.0	0.00	0.00	8,259.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,400.0	0.00	0.00	8,359.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,500.0	0.00	0.00	8,459.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,600.0	0.00	0.00	8,559.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,700.0	0.00	0.00	8,659.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,800.0	0.00	0.00	8,759.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
8,900.0	0.00	0.00	8,859.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,000.0	0.00	0.00	8,959.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,100.0	0.00	0.00	9,059.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,200.0	0.00	0.00	9,159.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,300.0	0.00	0.00	9,259.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,400.0	0.00	0.00	9,359.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,500.0	0.00	0.00	9,459.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,600.0	0.00	0.00	9,559.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,700.0	0.00	0.00	9,659.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,800.0	0.00	0.00	9,759.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
9,900.0	0.00	0.00	9,859.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
10,000.0	0.00	0.00	9,959.0	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
10,030.5	0.00	0.00	9,989.5	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
10,080.5	0.00	0.00	10,039.5	380.0	470.0	388,233.09	767,293.98	32° 3' 54.840 N	103° 36' 14.058 W	
10,100.0	2.34	179.60	10,059.0	379.6	470.0	388,232.69	767,293.98	32° 3' 54.836 N	103° 36' 14.058 W	
10,200.0	14.34	179.60	10,157.8	365.1	470.1	388,218.21	767,294.08	32° 3' 54.693 N	103° 36' 14.058 W	
10,300.0	26.34	179.60	10,251.4	330.4	470.3	388,183.52	767,294.32	32° 3' 54.350 N	103° 36' 14.058 W	
10,400.0	38.34	179.60	10,335.7	277.0	470.7	388,130.12	767,294.69	32° 3' 53.821 N	103° 36' 14.058 W	
10,500.0	50.34	179.60	10,407.1	207.3	471.2	388,060.36	767,295.18	32° 3' 53.131 N	103° 36' 14.058 W	

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #14H
Company:	BTA Oil Producers, LLC	TVD Reference:	WELL @ 3302.0usft (Original Well Elev)
Project:	Lea County, NM (NAD 83)	MD Reference:	WELL @ 3302.0usft (Original Well Elev)
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #14H	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	
10,600.0	62.34	179.60	10,462.4	124.2	471.8	387,977.28	767,295.75	32° 3' 52.309 N	103° 36' 14.058 W	
10,700.0	74.34	179.60	10,499.3	31.4	472.4	387,884.52	767,296.39	32° 3' 51.391 N	103° 36' 14.058 W	
10,800.0	86.34	179.60	10,516.0	-67.0	473.1	387,786.12	767,297.07	32° 3' 50.417 N	103° 36' 14.058 W	
10,830.5	90.00	179.60	10,517.0	-97.5	473.3	387,755.65	767,297.29	32° 3' 50.116 N	103° 36' 14.058 W	
10,900.0	90.00	179.60	10,517.0	-167.0	473.8	387,686.15	767,297.77	32° 3' 49.428 N	103° 36' 14.057 W	
11,000.0	90.00	179.60	10,517.0	-267.0	474.5	387,586.15	767,298.46	32° 3' 48.438 N	103° 36' 14.057 W	
11,100.0	90.00	179.60	10,517.0	-367.0	475.2	387,486.16	767,299.15	32° 3' 47.449 N	103° 36' 14.057 W	
11,200.0	90.00	179.60	10,517.0	-466.9	475.9	387,386.17	767,299.84	32° 3' 46.459 N	103° 36' 14.057 W	
11,300.0	90.00	179.60	10,517.0	-566.9	476.6	387,286.17	767,300.53	32° 3' 45.470 N	103° 36' 14.057 W	
11,400.0	90.00	179.60	10,517.0	-666.9	477.2	387,186.18	767,301.23	32° 3' 44.480 N	103° 36' 14.057 W	
11,500.0	90.00	179.60	10,517.0	-766.9	477.9	387,086.18	767,301.92	32° 3' 43.491 N	103° 36' 14.056 W	
11,600.0	90.00	179.60	10,517.0	-866.9	478.6	386,986.19	767,302.61	32° 3' 42.501 N	103° 36' 14.056 W	
11,700.0	90.00	179.60	10,517.0	-966.9	479.3	386,886.19	767,303.30	32° 3' 41.511 N	103° 36' 14.056 W	
11,800.0	90.00	179.60	10,517.0	-1,066.9	480.0	386,786.20	767,303.99	32° 3' 40.522 N	103° 36' 14.056 W	
11,900.0	90.00	179.60	10,517.0	-1,166.9	480.7	386,686.21	767,304.69	32° 3' 39.532 N	103° 36' 14.056 W	
12,000.0	90.00	179.60	10,517.0	-1,266.9	481.4	386,586.21	767,305.38	32° 3' 38.543 N	103° 36' 14.055 W	
12,100.0	90.00	179.60	10,517.0	-1,366.9	482.1	386,486.22	767,306.07	32° 3' 37.553 N	103° 36' 14.055 W	
12,200.0	90.00	179.60	10,517.0	-1,466.9	482.8	386,386.22	767,306.76	32° 3' 36.564 N	103° 36' 14.055 W	
12,300.0	90.00	179.60	10,517.0	-1,566.9	483.5	386,286.23	767,307.45	32° 3' 35.574 N	103° 36' 14.055 W	
12,400.0	90.00	179.60	10,517.0	-1,666.9	484.2	386,186.23	767,308.15	32° 3' 34.585 N	103° 36' 14.055 W	
12,500.0	90.00	179.60	10,517.0	-1,766.9	484.9	386,086.24	767,308.84	32° 3' 33.595 N	103° 36' 14.054 W	
12,600.0	90.00	179.60	10,517.0	-1,866.9	485.5	385,986.25	767,309.53	32° 3' 32.606 N	103° 36' 14.054 W	
12,700.0	90.00	179.60	10,517.0	-1,966.9	486.2	385,886.25	767,310.22	32° 3' 31.616 N	103° 36' 14.054 W	
12,800.0	90.00	179.60	10,517.0	-2,066.9	486.9	385,786.26	767,310.91	32° 3' 30.626 N	103° 36' 14.054 W	
12,900.0	90.00	179.60	10,517.0	-2,166.9	487.6	385,686.26	767,311.61	32° 3' 29.637 N	103° 36' 14.054 W	
13,000.0	90.00	179.60	10,517.0	-2,266.9	488.3	385,586.27	767,312.30	32° 3' 28.647 N	103° 36' 14.054 W	
13,100.0	90.00	179.60	10,517.0	-2,366.9	489.0	385,486.27	767,312.99	32° 3' 27.658 N	103° 36' 14.053 W	
13,200.0	90.00	179.60	10,517.0	-2,466.9	489.7	385,386.28	767,313.68	32° 3' 26.668 N	103° 36' 14.053 W	
13,300.0	90.00	179.60	10,517.0	-2,566.9	490.4	385,286.28	767,314.37	32° 3' 25.679 N	103° 36' 14.053 W	
13,400.0	90.00	179.60	10,517.0	-2,666.9	491.1	385,186.29	767,315.07	32° 3' 24.689 N	103° 36' 14.053 W	
13,500.0	90.00	179.60	10,517.0	-2,766.9	491.8	385,086.30	767,315.76	32° 3' 23.700 N	103° 36' 14.053 W	
13,600.0	90.00	179.60	10,517.0	-2,866.9	492.5	384,986.30	767,316.45	32° 3' 22.710 N	103° 36' 14.052 W	
13,700.0	90.00	179.60	10,517.0	-2,966.9	493.2	384,886.31	767,317.14	32° 3' 21.721 N	103° 36' 14.052 W	
13,800.0	90.00	179.60	10,517.0	-3,066.9	493.9	384,786.31	767,317.83	32° 3' 20.731 N	103° 36' 14.052 W	
13,900.0	90.00	179.60	10,517.0	-3,166.9	494.5	384,686.32	767,318.53	32° 3' 19.742 N	103° 36' 14.052 W	
14,000.0	90.00	179.60	10,517.0	-3,266.9	495.2	384,586.32	767,319.22	32° 3' 18.752 N	103° 36' 14.052 W	
14,100.0	90.00	179.60	10,517.0	-3,366.9	495.9	384,486.33	767,319.91	32° 3' 17.762 N	103° 36' 14.051 W	
14,200.0	90.00	179.60	10,517.0	-3,466.9	496.6	384,386.34	767,320.60	32° 3' 16.773 N	103° 36' 14.051 W	
14,300.0	90.00	179.60	10,517.0	-3,566.9	497.3	384,286.34	767,321.29	32° 3' 15.783 N	103° 36' 14.051 W	
14,400.0	90.00	179.60	10,517.0	-3,666.9	498.0	384,186.35	767,321.98	32° 3' 14.794 N	103° 36' 14.051 W	
14,500.0	90.00	179.60	10,517.0	-3,766.9	498.7	384,086.35	767,322.68	32° 3' 13.804 N	103° 36' 14.051 W	
14,600.0	90.00	179.60	10,517.0	-3,866.9	499.4	383,986.36	767,323.37	32° 3' 12.815 N	103° 36' 14.050 W	
14,700.0	90.00	179.60	10,517.0	-3,966.9	500.1	383,886.36	767,324.06	32° 3' 11.825 N	103° 36' 14.050 W	
14,800.0	90.00	179.60	10,517.0	-4,066.9	500.8	383,786.37	767,324.75	32° 3' 10.836 N	103° 36' 14.050 W	
14,900.0	90.00	179.60	10,517.0	-4,166.9	501.5	383,686.38	767,325.44	32° 3' 9.846 N	103° 36' 14.050 W	
15,000.0	90.00	179.60	10,517.0	-4,266.9	502.2	383,586.38	767,326.14	32° 3' 8.857 N	103° 36' 14.050 W	
15,100.0	90.00	179.60	10,517.0	-4,366.9	502.8	383,486.39	767,326.83	32° 3' 7.867 N	103° 36' 14.050 W	
15,200.0	90.00	179.60	10,517.0	-4,466.9	503.5	383,386.39	767,327.52	32° 3' 6.877 N	103° 36' 14.049 W	
15,300.0	90.00	179.60	10,517.0	-4,566.8	504.2	383,286.40	767,328.21	32° 3' 5.888 N	103° 36' 14.049 W	
15,400.0	90.00	179.60	10,517.0	-4,666.8	504.9	383,186.40	767,328.90	32° 3' 4.898 N	103° 36' 14.049 W	
15,500.0	90.00	179.60	10,517.0	-4,766.8	505.6	383,086.41	767,329.60	32° 3' 3.909 N	103° 36' 14.049 W	
15,557.9	90.00	179.60	10,517.0	-4,824.8	506.0	383,028.50	767,330.00	32° 3' 3.336 N	103° 36' 14.049 W	

Microsoft
Planning Report - Geographic

Database:	EDM16	Local Co-ordinate Reference:	Well Mesa B #14H
Company:	BTA Oil Producers, LLC	TVD Reference:	WELL @ 3302.0usft (Original Well Elev)
Project:	Lea County, NM (NAD 83)	MD Reference:	WELL @ 3302.0usft (Original Well Elev)
Site:	Mesa B	North Reference:	Grid
Well:	Mesa B #14H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
Mesa B #14H BHL	0.00	0.00	10,517.0	-4,824.8	506.0	383,028.50	767,330.00	32° 3' 3.336 N	103° 36' 14.049 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	Pool Code	Pool Name
		JENNINGS ; BONE SPRING
Property Code	Property Name	Well Number
	MESA B 8115 FED COM	14H
OGRID No. 260297	Operator Name	Elevation
	BTA OIL PRODUCERS, LLC	3302'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	26-S	33-E		400	NORTH	800	EAST	LEA

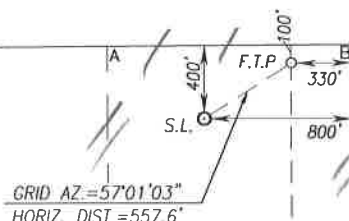
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	26-S	33-E		50	SOUTH	330	EAST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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

GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 387853.1 N X= 766824.0 E LAT.=32.064198° N LONG.=103.605431° W FIRST TAKE POINT NAD 83 NME Y= 388156.5 N X= 767291.6 E LAT.=32.065023° N LONG.=103.603914° W	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 387795.7 N X= 725637.1 E LAT.=32.064073° N LONG.=103.604961° W FIRST TAKE POINT NAD 27 NME Y= 388099.2 N X= 726104.7 E LAT.=32.064898° N LONG.=103.603445° W
CORNER COORDINATES TABLE NAD 27 NME A - Y= 388191.7 N, X= 725114.9 E B - Y= 388201.6 N, X= 726433.9 E C - Y= 382923.6 N, X= 726473.2 E D - Y= 392914.1 N, X= 725153.5 E	CORNER COORDINATES TABLE NAD 83 NME A - Y= 388249.1 N, X= 766301.8 E B - Y= 388259.0 N, X= 767620.8 E C - Y= 382980.8 N, X= 767660.3 E D - Y= 382971.4 N, X= 766340.6 E
LAST TAKE POINT NAD 83 NME Y= 383078.5 N X= 767329.7 E LAT.=32.051064° N LONG.=103.603902° W	LAST TAKE POINT NAD 27 NME Y= 383021.2 N X= 726142.5 E LAT.=32.050939° N LONG.=103.603434° W
BOTTOM HOLE LOCATION NAD 83 NME Y= 383028.5 N X= 767330.0 E LAT.=32.050927° N LONG.=103.603902° W	BOTTOM HOLE LOCATION NAD 27 NME Y= 382971.2 N X= 726142.9 E LAT.=32.050801° N LONG.=103.603434° W



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.

Signature: *Sammy Hajar* Date: 3/17/21

Printed Name: **Sammy Hajar**
E-mail Address: **SHAJAR@BTAOIL.COM**

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: 3239
Signature & Seal of Professional Surveyor: *Ronald J. Eidson*

REGISTERED PROFESSIONAL SURVEYOR

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

LSL: JWSC W O 19 11 1135



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

WELL: Mesa B 8115 Fed Com #14H
TVD: 10517
MD: 15558

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)
17 1/2	13 3/8	0	890	0	890	No	54.5	J-55	STC	3.5	8.4	20.9	12.6	Dry	8.3
12 1/4	9 5/8	0	4783	0	4783	No	40	J-55	LTC	1.4	1.4	3.3	2.7	Dry	10
8 3/4	5.5	0	15558	0	10517	No	17	P110	Buttress	1.3	1.8	3.3	3.4	Dry	9.4

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
13 3/8	Lead		0	555	Class C	450	1.73	13.5	778.5	100%	2% CaCl2
	Tail		555	890	Class C	340	1.35	14.8	459	100%	2% CaCl2
9 5/8	Lead		0	4225	Class C	1245	2.46	12.8	3062.7	100%	0.5% CaCl2
	Tail		4225	4783	Class C	200	1.34	14.8	268	25%	1% CaCl2
5 1/2	Lead		3783	9910	25% Poz 75% Class C	600	3.9	10.5	2340	60%	0.4% Fluid Loss
	Tail		9910	15558	Class H	1430	1.25	14.4	1787.5	25%	0.2% LT Retarder

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	BTA OIL PRODUCERS, LLC
LEASE NO.:	NMNM0160973
WELL NAME & NO.:	MESA B 8115 FED COM 14H
SURFACE HOLE FOOTAGE:	400'N & 800'E
BOTTOM HOLE FOOTAGE:	50'S & 330'E
LOCATION:	SECTION 7, T26S, R33E, NMPM
COUNTY:	LEA COUNTY, NEW MEXICO

COA

H2S	☐ Yes	☒ No	
Potash	☒ None	☐ Secretary	☐ R-111-P
Cave/Karst Potential	☐ Low	☒ Medium	☐ High
Cave/Karst Potential	☐ Critical		
Variance	☐ None	☒ Flex Hose	☐ Other
Wellhead	☐ Conventional	☐ Multibowl	☒ Both
Other	☐ 4 String Area	☐ Capitan Reef	☐ WIPP
Other	☒ Fluid Filled	☐ Cement Squeeze	☐ Pilot Hole
Special Requirements	☐ Water Disposal	☒ COM	☐ Unit

All previous COAs still apply.

A. CASING

Primary Casing Design:

1. The **13-3/8** inch surface casing shall be set at approximately **890 feet** (a minimum of 25 feet (Lea County) into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.

- d. If cement falls back, remedial cementing will be done prior to drilling out that string.

Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing which shall be set at approximately **4,783 feet** is:
 - Cement to surface. If cement does not circulate see B.1.a, c-d above.
Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.
 - ❖ In Medium Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
3. The minimum required fill of cement behind the **5-1/2** inch production casing is:
 - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

B. PRESSURE CONTROL

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
- 2.

Option 1:

- a. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **2000 (2M)** psi.
- b. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **5000 (5M)** psi.

Option 2:

1. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.

- a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
- b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
- c. Manufacturer representative shall install the test plug for the initial BOP test.
- d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
- e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

C. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Carlsbad Field Office, 620 E Greene St. Carlsbad, New Mexico 88220, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

BOP Break Testing Variance (Note: For 5M BOP or less)

- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer prior to the commencement of any BOP Break Testing operations.
- A full BOP test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOP test will be required.

OTA08042020

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 40705

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 40705
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/28/2021