

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BTA OIL PRODUCERS, LLC 104 S. PECOS MIDLAND, TX. 79701		² OGRID Number 260297
		³ Reason for Filing Code/ Effective Date NEW WELL 3/2/2021
⁴ API Number 30 – 015-46135	⁵ Pool Name CULEBRA BLUFF; BONE SPRING, SOUTH	⁶ Pool Code 15011
⁷ Property Code 325766	⁸ Property Name HADES 22102 2 STATE COM	⁹ Well Number 3H

II. 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
A	2	23S	28E		521	NORTH	1040	EAST	EDDY

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	23S	28E		100	SOUTH	1024	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
151618	ENTERPRISE CRUDE OIL, LLC	O
327139	SENDERO 1000 LOUISIANA AVE, SUITE 6900 HOUSTON, TX. 77002	G

IV. Well Completion Data

²¹ Spud Date 10/24/2020	²² Ready Date 3/2/2021	²³ TD 13,314'	²⁴ PBTd 13,246'	²⁵ Perforations 8,655' – 13,172'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8	468	555		
12 3/4	9 5/8	2550	503		
8 3/4	5 1/2	13293	1821		

V. Well Test Data

³¹ Date New Oil 3/2/2021	³² Gas Delivery Date FLARE	³³ Test Date 3/8/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1250
³⁷ Choke Size 28/64	³⁸ Oil 619	³⁹ Water 2332	⁴⁰ Gas 696		⁴¹ Test Method FLOWING
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Katy Reddell			OIL CONSERVATION DIVISION Approved by: KURT SIMMONS		
Printed name: KATY REDDELL			Title: NMOCD, SANTA FE		
Title: REGULATORY ANALYST			Approval Date: 07/06/2021		
E-mail Address: kreddell@btaoil.com					
Date: 4/15/2021		Phone: 432-682-3753			

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

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☒ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46135	² Pool Code 15011	³ Pool Name CULEBRA BLUFF; BONE SPRING, SOUTH
⁴ Property Code 325766	Property Name HADES 22102 2 STATE COM	⁶ Well Number 3H
⁷ OGRID No. 260297	⁸ Operator Name BTA OIL PRODUCERS, LLC	⁹ Elevation 3069'

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
A	2	23S	28E		521	NORTH	1040	EAST	EDDY
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
P	2	23S	28E		100	SOUTH	1024	EAST	EDDY
¹² Dedicated Acres 318.97	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

1	CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 629075.09' / Y: 488269.73' B - X: 629059.56' / Y: 482925.07' C - X: 626359.90' / Y: 482920.26' D - X: 626412.61' / Y: 488262.71'	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 587892.62' / Y: 488209.99' B - X: 587876.94' / Y: 482865.46' C - X: 585177.32' / Y: 482860.69' D - X: 585230.17' / Y: 488203.01'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Katy Reddell 4/15/2021 Signature Date KATY REDDELL Printed Name kreddell@btaoil.com E-mail Address
	SURFACE HOLE LOCATION 521' FNL 1040' FEL, SECTION 2 NAD 83, SPCS NM EAST X: 628033.97' / Y: 487746.11' LAT: 32.34057311N / LON: 104.05261441W NAD 27, SPCS NM EAST X: 586851.50' / Y: 487686.39' LAT: 32.34045226N / LON: 104.05211888W	FIRST TAKE POINT 8128' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 628067.87' / Y: 488081.72' LAT: 32.34149541N / LON: 104.05250179W NAD 27, SPCS NM EAST X: 586885.41' / Y: 488022.00' LAT: 32.34137456N / LON: 104.05200623W	
	KICK OFF POINT 7865' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 628076.52' / Y: 488142.40' LAT: 32.34166214N / LON: 104.05247328W NAD 27, SPCS NM EAST X: 586894.05' / Y: 488082.67' LAT: 32.34154129N / LON: 104.05197771W	LAST TAKE POINT/BOTTOM HOLE LOCATION 13314' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 628036.15' / Y: 483023.68' LAT: 32.32759196N / LON: 104.05264743W NAD 27, SPCS NM EAST X: 586853.55' / Y: 482964.08' LAT: 32.32747100N / LON: 104.05215237W	
	18 SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global. FEBRUARY 25, 2021 Date of Survey Signature and Seal of Professional Surveyor Certificate Number DAVID W. MYERS 11403		

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99977221 Convergence Angle: 00°07'02.70001"



Pro Directional Survey Report



Company:	Marathon Oil	Local Co-ordinate Reference:	Well SB No. 3H
Project:	Eddy County, NM	TVD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Site:	Hades 2	MD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Well:	SB No. 3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Prelim Plan A	Database:	WellPlanner1

Project	Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site		Hades 2			
Site Position:		Northing:	487,686.32 usft	Latitude:	32.340452
From:	Map	Easting:	586,821.45 usft	Longitude:	-104.052216
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.15 °

Well	SB No. 3H					
Well Position	+N/-S	0.00 usft	Northing:	487,686.32 usft	Latitude:	32.340452
	+E/-W	0.00 usft	Easting:	586,821.45 usft	Longitude:	-104.052216
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,068.00 usft

Wellbore		OH			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	6/18/2019	7.12	60.07	47,918.30

Design	Prelim Plan A			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	180.37

Survey Tool Program		Date	6/18/2019	
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	13,317.64	Prelim Plan A (OH)	MWD+IFR1	OWSG MWD + IFR1

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00



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Site:	Hades 2	MD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Well:	SB No. 3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Prelim Plan A	Database:	WellPlanner1

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	2.00	9.35	1,599.98	1.72	0.28	-1.72	2.00	2.00	0.00
1,700.00	4.00	9.35	1,699.84	6.89	1.13	-6.89	2.00	2.00	0.00
1,800.00	6.00	9.35	1,799.45	15.49	2.55	-15.50	2.00	2.00	0.00
1,900.00	8.00	9.35	1,898.70	27.51	4.53	-27.54	2.00	2.00	0.00
2,000.00	10.00	9.35	1,997.47	42.94	7.07	-42.99	2.00	2.00	0.00
2,100.00	10.00	9.35	2,095.95	60.08	9.89	-60.14	0.00	0.00	0.00
2,200.00	10.00	9.35	2,194.43	77.21	12.71	-77.29	0.00	0.00	0.00
2,300.00	10.00	9.35	2,292.91	94.35	15.53	-94.45	0.00	0.00	0.00
2,400.00	10.00	9.35	2,391.39	111.48	18.35	-111.60	0.00	0.00	0.00
2,500.00	10.00	9.35	2,489.87	128.62	21.17	-128.75	0.00	0.00	0.00
2,600.00	10.00	9.35	2,588.35	145.75	23.99	-145.90	0.00	0.00	0.00
2,700.00	10.00	9.35	2,686.83	162.88	26.81	-163.05	0.00	0.00	0.00
2,800.00	10.00	9.35	2,785.31	180.02	29.63	-180.21	0.00	0.00	0.00
2,900.00	10.00	9.35	2,883.79	197.15	32.45	-197.36	0.00	0.00	0.00
3,000.00	10.00	9.35	2,982.27	214.29	35.27	-214.51	0.00	0.00	0.00
3,100.00	10.00	9.35	3,080.75	231.42	38.09	-231.66	0.00	0.00	0.00
3,200.00	10.00	9.35	3,179.23	248.56	40.92	-248.81	0.00	0.00	0.00
3,300.00	10.00	9.35	3,277.72	265.69	43.74	-265.97	0.00	0.00	0.00
3,400.00	10.00	9.35	3,376.20	282.82	46.56	-283.12	0.00	0.00	0.00
3,500.00	10.00	9.35	3,474.68	299.96	49.38	-300.27	0.00	0.00	0.00
3,600.00	10.00	9.35	3,573.16	317.09	52.20	-317.42	0.00	0.00	0.00
3,700.00	10.00	9.35	3,671.64	334.23	55.02	-334.57	0.00	0.00	0.00
3,800.00	10.00	9.35	3,770.12	351.36	57.84	-351.73	0.00	0.00	0.00
3,900.00	10.00	9.35	3,868.60	368.49	60.66	-368.88	0.00	0.00	0.00
3,956.09	10.00	9.35	3,923.84	378.11	62.24	-378.50	0.00	0.00	0.00
4,000.00	9.12	9.35	3,967.14	385.30	63.43	-385.70	2.00	-2.00	0.00
4,100.00	7.12	9.35	4,066.13	399.24	65.72	-399.66	2.00	-2.00	0.00
4,200.00	5.12	9.35	4,165.55	409.76	67.45	-410.19	2.00	-2.00	0.00
4,300.00	3.12	9.35	4,265.29	416.86	68.62	-417.29	2.00	-2.00	0.00
4,400.00	1.12	9.35	4,365.22	420.51	69.22	-420.95	2.00	-2.00	0.00
4,456.09	0.00	0.00	4,421.30	421.05	69.31	-421.49	2.00	-2.00	0.00
4,500.00	0.00	0.00	4,465.21	421.05	69.31	-421.49	0.00	0.00	0.00
4,600.00	0.00	0.00	4,565.21	421.05	69.31	-421.49	0.00	0.00	0.00
4,700.00	0.00	0.00	4,665.21	421.05	69.31	-421.49	0.00	0.00	0.00
4,800.00	0.00	0.00	4,765.21	421.05	69.31	-421.49	0.00	0.00	0.00



Pro Directional Survey Report



Company:	Marathon Oil	Local Co-ordinate Reference:	Well SB No. 3H
Project:	Eddy County, NM	TVD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Site:	Hades 2	MD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Well:	SB No. 3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Prelim Plan A	Database:	WellPlanner1

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,900.00	0.00	0.00	4,865.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,000.00	0.00	0.00	4,965.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,100.00	0.00	0.00	5,065.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,200.00	0.00	0.00	5,165.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,300.00	0.00	0.00	5,265.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,400.00	0.00	0.00	5,365.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,500.00	0.00	0.00	5,465.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,600.00	0.00	0.00	5,565.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,700.00	0.00	0.00	5,665.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,800.00	0.00	0.00	5,765.21	421.05	69.31	-421.49	0.00	0.00	0.00
5,900.00	0.00	0.00	5,865.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,000.00	0.00	0.00	5,965.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,100.00	0.00	0.00	6,065.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,200.00	0.00	0.00	6,165.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,300.00	0.00	0.00	6,265.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,400.00	0.00	0.00	6,365.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,500.00	0.00	0.00	6,465.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,600.00	0.00	0.00	6,565.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,700.00	0.00	0.00	6,665.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,800.00	0.00	0.00	6,765.21	421.05	69.31	-421.49	0.00	0.00	0.00
6,900.00	0.00	0.00	6,865.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,000.00	0.00	0.00	6,965.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,100.00	0.00	0.00	7,065.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,200.00	0.00	0.00	7,165.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,300.00	0.00	0.00	7,265.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,400.00	0.00	0.00	7,365.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,500.00	0.00	0.00	7,465.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,600.00	0.00	0.00	7,565.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,700.00	0.00	0.00	7,665.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,800.00	0.00	0.00	7,765.21	421.05	69.31	-421.49	0.00	0.00	0.00
7,847.79	0.00	0.00	7,813.00	421.05	69.31	-421.49	0.00	0.00	0.00
[HadesSB#3H]FTP									
7,850.00	0.22	180.37	7,815.21	421.05	69.31	-421.48	10.00	10.00	0.00
7,900.00	5.22	180.37	7,865.14	418.67	69.29	-419.11	10.00	10.00	0.00
7,950.00	10.22	180.37	7,914.67	411.96	69.25	-412.40	10.00	10.00	0.00
8,000.00	15.22	180.37	7,963.43	400.95	69.18	-401.39	10.00	10.00	0.00
8,050.00	20.22	180.37	8,011.04	385.74	69.08	-386.17	10.00	10.00	0.00
8,100.00	25.22	180.37	8,057.15	366.43	68.96	-366.87	10.00	10.00	0.00
8,150.00	30.22	180.37	8,101.39	343.18	68.81	-343.62	10.00	10.00	0.00
8,200.00	35.22	180.37	8,143.45	316.16	68.64	-316.60	10.00	10.00	0.00
8,250.00	40.22	180.37	8,182.98	285.58	68.44	-286.02	10.00	10.00	0.00
8,300.00	45.22	180.37	8,219.70	251.67	68.22	-252.11	10.00	10.00	0.00



Marathon Oil

Pro Directional Survey Report



Company:	Marathon Oil	Local Co-ordinate Reference:	Well SB No. 3H
Project:	Eddy County, NM	TVD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Site:	Hades 2	MD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Well:	SB No. 3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Prelim Plan A	Database:	WellPlanner1

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,350.00	50.22	180.37	8,253.33	214.69	67.99	-215.12	10.00	10.00	0.00	
8,400.00	55.22	180.37	8,283.61	174.92	67.73	-175.35	10.00	10.00	0.00	
8,450.00	60.22	180.37	8,310.30	132.66	67.46	-133.09	10.00	10.00	0.00	
8,500.00	65.22	180.37	8,333.21	88.23	67.18	-88.67	10.00	10.00	0.00	
8,550.00	70.22	180.37	8,352.16	41.98	66.88	-42.41	10.00	10.00	0.00	
8,600.00	75.22	180.37	8,367.00	-5.75	66.57	5.32	10.00	10.00	0.00	
8,650.00	80.22	180.37	8,377.63	-54.59	66.26	54.16	10.00	10.00	0.00	
8,700.00	85.22	180.37	8,383.97	-104.17	65.94	103.74	10.00	10.00	0.00	
8,747.78	90.00	180.37	8,385.96	-151.89	65.64	151.46	10.00	10.00	0.00	
8,800.00	90.00	180.37	8,385.96	-204.11	65.30	203.68	0.00	0.00	0.00	
8,900.00	90.00	180.37	8,385.96	-304.11	64.66	303.68	0.00	0.00	0.00	
9,000.00	90.00	180.37	8,385.96	-404.10	64.02	403.68	0.00	0.00	0.00	
9,100.00	90.00	180.37	8,385.96	-504.10	63.38	503.68	0.00	0.00	0.00	
9,200.00	90.00	180.37	8,385.96	-604.10	62.74	603.68	0.00	0.00	0.00	
9,300.00	90.00	180.37	8,385.96	-704.10	62.10	703.68	0.00	0.00	0.00	
9,400.00	90.00	180.37	8,385.96	-804.10	61.45	803.68	0.00	0.00	0.00	
9,500.00	90.00	180.37	8,385.96	-904.09	60.81	903.68	0.00	0.00	0.00	
9,600.00	90.00	180.37	8,385.97	-1,004.09	60.17	1,003.68	0.00	0.00	0.00	
9,700.00	90.00	180.37	8,385.97	-1,104.09	59.53	1,103.68	0.00	0.00	0.00	
9,800.00	90.00	180.37	8,385.97	-1,204.09	58.89	1,203.68	0.00	0.00	0.00	
9,900.00	90.00	180.37	8,385.97	-1,304.09	58.25	1,303.68	0.00	0.00	0.00	
10,000.00	90.00	180.37	8,385.97	-1,404.08	57.61	1,403.68	0.00	0.00	0.00	
10,100.00	90.00	180.37	8,385.97	-1,504.08	56.97	1,503.68	0.00	0.00	0.00	
10,200.00	90.00	180.37	8,385.97	-1,604.08	56.33	1,603.68	0.00	0.00	0.00	
10,300.00	90.00	180.37	8,385.97	-1,704.08	55.68	1,703.68	0.00	0.00	0.00	
10,400.00	90.00	180.37	8,385.97	-1,804.08	55.04	1,803.68	0.00	0.00	0.00	
10,500.00	90.00	180.37	8,385.97	-1,904.07	54.40	1,903.68	0.00	0.00	0.00	
10,600.00	90.00	180.37	8,385.98	-2,004.07	53.76	2,003.68	0.00	0.00	0.00	
10,700.00	90.00	180.37	8,385.98	-2,104.07	53.12	2,103.68	0.00	0.00	0.00	
10,800.00	90.00	180.37	8,385.98	-2,204.07	52.48	2,203.68	0.00	0.00	0.00	
10,900.00	90.00	180.37	8,385.98	-2,304.07	51.84	2,303.68	0.00	0.00	0.00	
11,000.00	90.00	180.37	8,385.98	-2,404.06	51.20	2,403.68	0.00	0.00	0.00	
11,100.00	90.00	180.37	8,385.98	-2,504.06	50.56	2,503.68	0.00	0.00	0.00	
11,200.00	90.00	180.37	8,385.98	-2,604.06	49.91	2,603.68	0.00	0.00	0.00	
11,300.00	90.00	180.37	8,385.98	-2,704.06	49.27	2,703.68	0.00	0.00	0.00	
11,400.00	90.00	180.37	8,385.98	-2,804.05	48.63	2,803.68	0.00	0.00	0.00	
11,500.00	90.00	180.37	8,385.98	-2,904.05	47.99	2,903.68	0.00	0.00	0.00	
11,600.00	90.00	180.37	8,385.98	-3,004.05	47.35	3,003.68	0.00	0.00	0.00	
11,700.00	90.00	180.37	8,385.99	-3,104.05	46.71	3,103.68	0.00	0.00	0.00	
11,800.00	90.00	180.37	8,385.99	-3,204.05	46.07	3,203.68	0.00	0.00	0.00	
11,900.00	90.00	180.37	8,385.99	-3,304.04	45.43	3,303.68	0.00	0.00	0.00	
12,000.00	90.00	180.37	8,385.99	-3,404.04	44.78	3,403.68	0.00	0.00	0.00	



Pro Directional Survey Report



Company:	Marathon Oil	Local Co-ordinate Reference:	Well SB No. 3H
Project:	Eddy County, NM	TVD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Site:	Hades 2	MD Reference:	Well @ 3095.00usft (GL: 3068' + KB: 27' (PD582))
Well:	SB No. 3H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Prelim Plan A	Database:	WellPlanner1

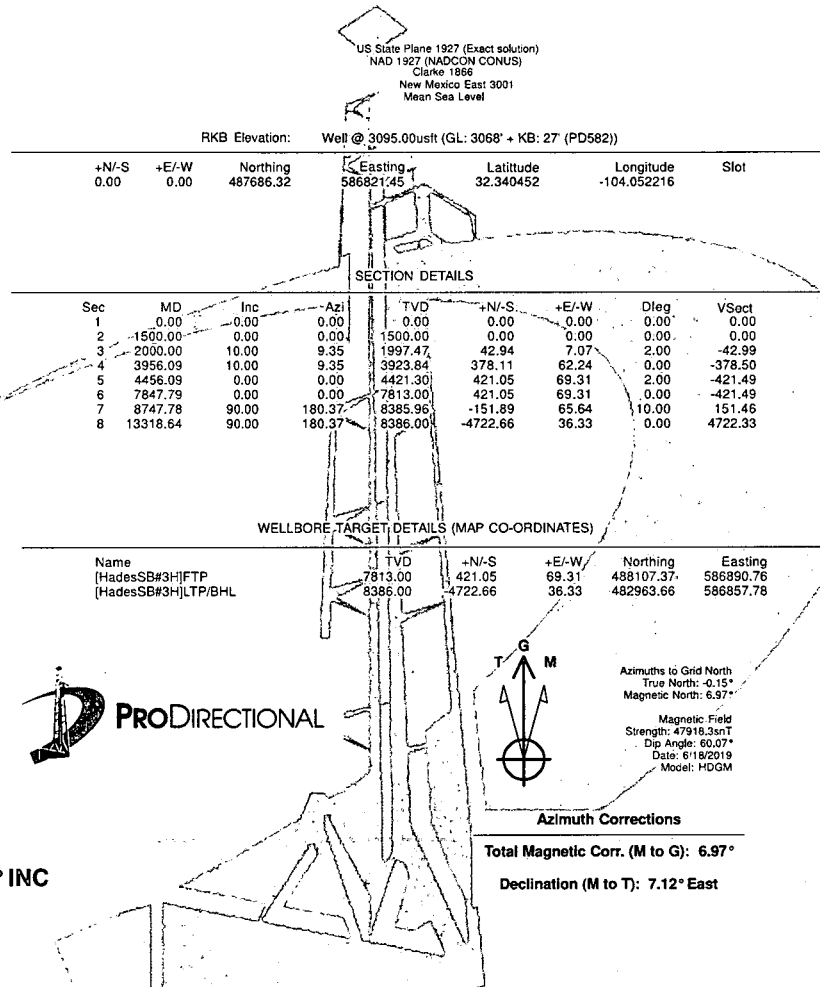
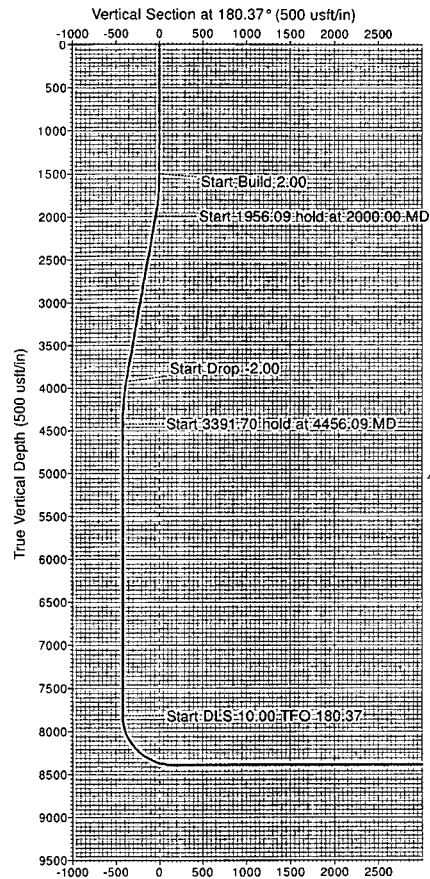
Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,100.00	90.00	180.37	8,385.99	-3,504.04	44.14	3,503.68	0.00	0.00	0.00
12,200.00	90.00	180.37	8,385.99	-3,604.04	43.50	3,603.68	0.00	0.00	0.00
12,300.00	90.00	180.37	8,385.99	-3,704.04	42.86	3,703.68	0.00	0.00	0.00
12,400.00	90.00	180.37	8,385.99	-3,804.03	42.22	3,803.68	0.00	0.00	0.00
12,500.00	90.00	180.37	8,385.99	-3,904.03	41.58	3,903.68	0.00	0.00	0.00
12,600.00	90.00	180.37	8,385.99	-4,004.03	40.94	4,003.68	0.00	0.00	0.00
12,700.00	90.00	180.37	8,385.99	-4,104.03	40.30	4,103.68	0.00	0.00	0.00
12,800.00	90.00	180.37	8,386.00	-4,204.03	39.66	4,203.68	0.00	0.00	0.00
12,900.00	90.00	180.37	8,386.00	-4,304.02	39.01	4,303.68	0.00	0.00	0.00
13,000.00	90.00	180.37	8,386.00	-4,404.02	38.37	4,403.68	0.00	0.00	0.00
13,100.00	90.00	180.37	8,386.00	-4,504.02	37.73	4,503.68	0.00	0.00	0.00
13,200.00	90.00	180.37	8,386.00	-4,604.02	37.09	4,603.68	0.00	0.00	0.00
13,300.00	90.00	180.37	8,386.00	-4,704.02	36.45	4,703.68	0.00	0.00	0.00
13,318.64	90.00	180.37	8,386.00	-4,722.66	36.33	4,722.33	0.00	0.00	0.00
[HadesSB#3H]LTP/BHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
[HadesSB#3H]FTP	0.00	0.00	7,813.00	421.05	69.31	488,107.37	586,890.76	32.341609	-104.051988
- hit/miss target									
- plan hits target center									
- Point									
[HadesSB#3H]LTP/BHL	0.00	0.01	8,386.00	-4,722.66	36.33	482,963.66	586,857.78	32.327470	-104.052139
- plan hits target center									
- Point									

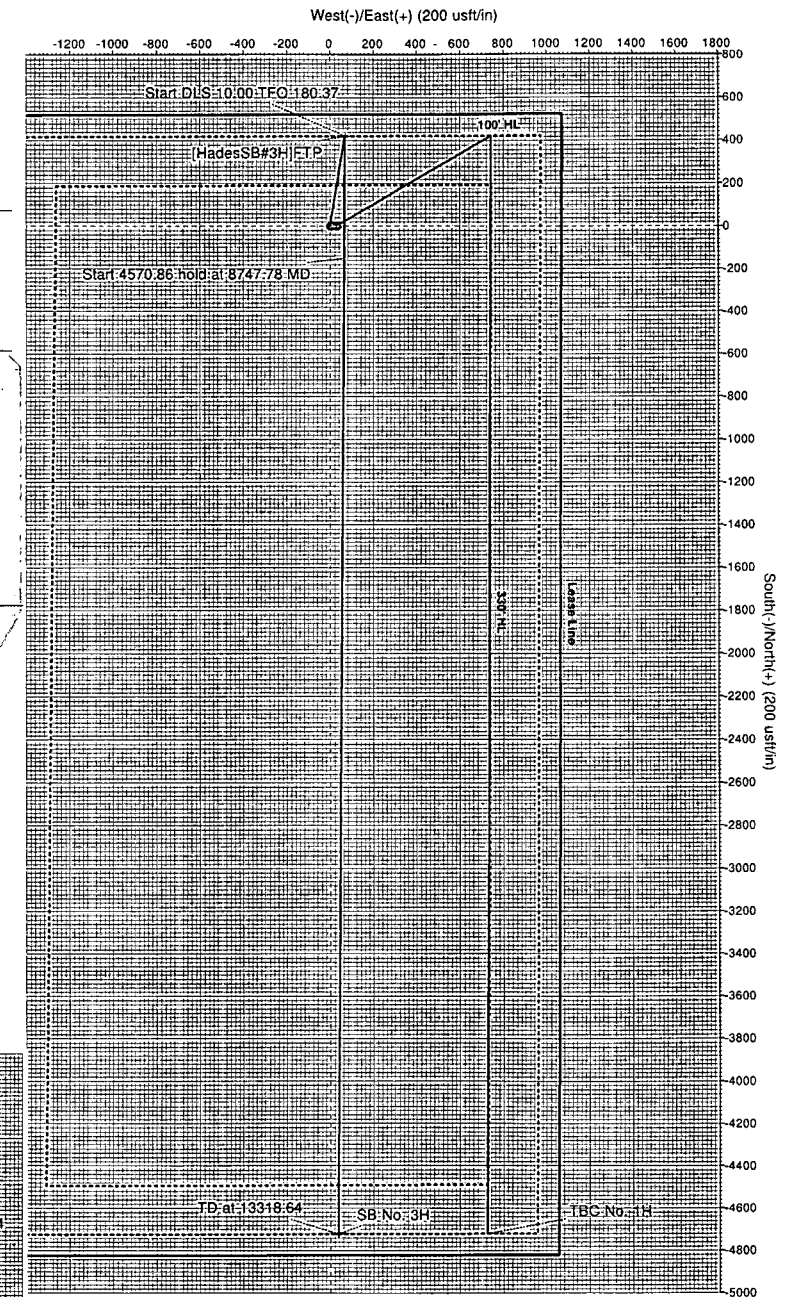
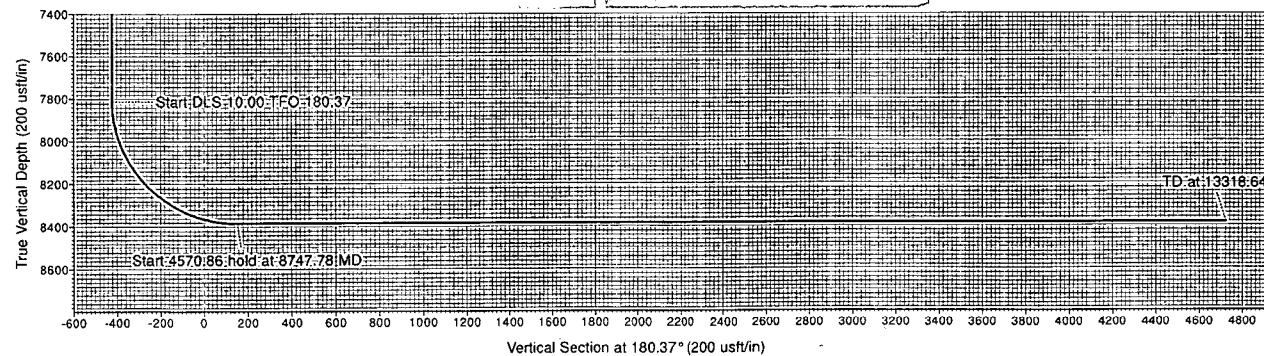
Checked By: _____	Approved By: _____	Date: _____
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Marathon Oil
Eddy County, NM
Hades 2
SB No. 3H
Prelim Plan A
GL: 3068' + KB: 27' (PD582)



Target Line: 8386' TVD @ 0° VS: 90° INC



36" x 48"

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

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-015-46134
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 15011
7. Lease Name or Unit Agreement Name HADES 22102 2 STATE COM
8. Well Number 3H
9. OGRID Number 260297
10. Pool name or Wildcat CULEBRA BLUFF; BONE SPRING, S.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator BTA OIL PRODUCERS, LLC	
3. Address of Operator 104 S PECOS; MIDLAND, TX. 79701	
4. Well Location Unit Letter A 521 feet from the NORTH line and 1040 feet from the EAST line Section 2 Township 23S Range 28E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,069' GR	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: FRAC COMPLETION ☒

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

TD @ 13,314' REACHED ON 12/7/2020.

02/08/2021 THRU 02/19/2021 PERFORATE AND FRAC BONE SPRING: 8,655' – 13,067' WITH 246,792 BBLS FLUID; 11.4MM 100 MESH SAND.

03/02/2021: COMPLETE DRILLOUT START FLOWING BACK AND TESTING. FLOWING CASING PRESSURE: 1,020 psi on 17" CHOKE.

Spud Date: 10/24/2020

Rig Release Date: 12/07/2020

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

SIGNATURE *Katy Reddell*

TITLE: REGULATORY ANALYST

DATE: 03/11/2021

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-46135		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name HADES 22102 2 STATE COM		
								6. Well Number: 3H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator BTA OIL PRODUCERS, LLC						9. OGRID 260297				
10. Address of Operator 104 S PECOS; MIDLAND, TX. 79701						11. Pool name or Wildcat CULEBRA BLUFF; BONE SPRING, SOUTH				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	2	23S	28E		521	N	1040	E	EDDY
BH:	P	2	23S	28E		100	S	1024	E	EDDY
13. Date Spudded 10/24/2020	14. Date T.D. Reached 12/7/2020		15. Date Rig Released 12/7/2020		16. Date Completed (Ready to Produce) 3/2/2021			17. Elevations (DF and RKB, RT, GR, etc.)		
18. Total Measured Depth of Well 13,314'			19. Plug Back Measured Depth 13,246'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run MWD		
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8		55		468		17 1/2		555		
9 5/8		40		2550		12 3/4		503		
5 1/2		18		13293		8 3/4		1821		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
						SIZE	DEPTH SET	PACKER SET		
26. Perforation record (interval, size, and number) 8,655' – 13,172' 0.42" HOLES 708 TOTAL HOLES						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						13,172'		246,792 TOTAL FLUID; 11,394,403 TOTAL SAND.		
28. PRODUCTION										
Date First Production 3/2/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD				
Date of Test 3/8/2021	Hours Tested 24	Choke Size 28/64	Prod'n For Test Period 24 HRS	Oil - Bbl 619	Gas - MCF 696	Water - Bbl. 2332	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 1250	Calculated 24-Hour Rate	Oil - Bbl. 619	Gas - MCF 696	Water - Bbl. 2332	Oil Gravity - API - (Corr.) 46				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) FLARE - WAITING ON PIPELINE								30. Test Witnessed By		
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed

Signature *Katy Reddell* Name KATY REDDELL Title REGULATORY ANALYST Date 4/15/2021

E-mail Address kreddell@btaoil.com

INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

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

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

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

ACKNOWLEDGMENTS

Action 24209

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 24209
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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 24209

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 24209
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/6/2021