

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 TAP ROCK OPERATING, LLC 523 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401		² OGRID Number 372043	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 0 15-46823	⁵ Pool Name PURPLE SAGE, WOLFCAMP (GAS)		⁶ Pool Code 98220
⁷ Property Code 319943	⁸ Property Name CYPRESS 34 FEDERAL		⁹ Well Number 207H

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
B	34	23-S	29-E	-	621'	NORTH	2579'	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
N	34	23-S	29-E	-	30'	SOUTH	2328'	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 10/19/2020	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
373554	SALT CREEK MIDSTREAM, LLC 20329 STATE HIGHWAY 249 HOUSTON, TX U.S.A 77070	O
373554	SALT CREEK MIDSTREAM, LLC 20329 STATE HIGHWAY 249 HOUSTON, TX U.S.A 77070	G

IV. Well Completion Data

²¹ Spud Date 8/3/2020	²² Ready Date 10/15/2020	²³ TD 15268'	²⁴ PBTD 15210'	²⁵ Perforations 9961' - 15124'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	376'	505		
12.25"	9.625"	3159'	1153		
8.75"	7.625"	9550'	707		
6.75"	5.5" / 5"	9281' / 15255'	789		

V. Well Test Data

³¹ Date New Oil 10/19/2020	³² Gas Delivery Date 10/19/2020	³³ Test Date 11/2/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 1568
³⁷ Choke Size 36/64	³⁸ Oil 728	³⁹ Water 2533	⁴⁰ Gas 1744		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: 			OIL CONSERVATION DIVISION		
Printed name: Bill Ramsey			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Analyst			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: bramsey@taprk.com			Approval Date: <i>6/30/2023</i>		
Date: 11/20/2020		Phone: 720-360-4028			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ **AMENDED REPORT**

AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015 -46823	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 319943	⁵ Property Name CYPRESS 34 FEDERAL	
⁷ OGRID No. 372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁶ Well Number 207H ⁹ Elevation 3047'

¹⁰Surface Location

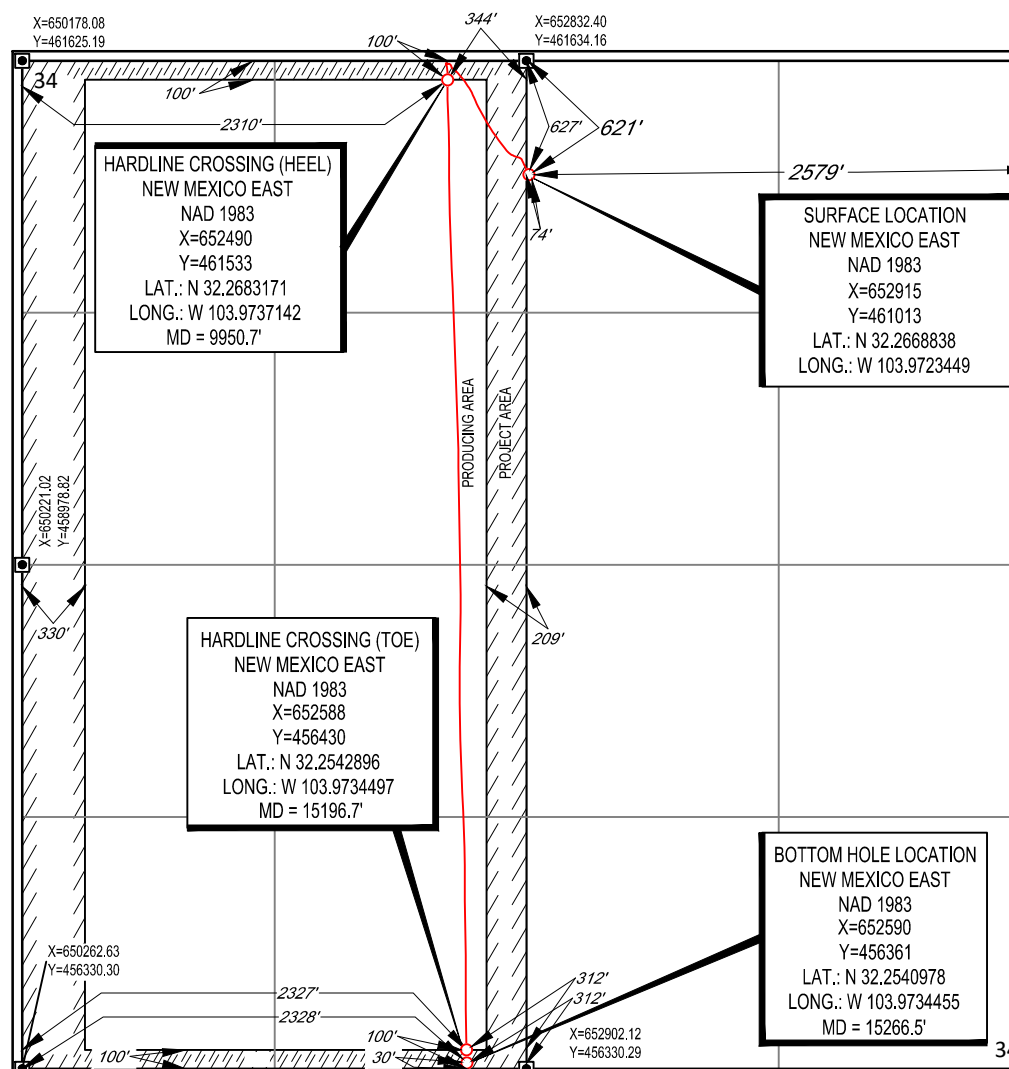
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	23-S	29-E	—	621'	NORTH	2579'	EAST	EDDY

¹¹Bottom 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
N	34	23-S	29-E	—	30'	SOUTH	2328	WEST	EDDY

¹² Dedicated Acres 320	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.



¹⁷OPERATOR 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.

Leslie T. Reeves 6/30/2023

Signature	Date
-----------	------

LESLIE REEVES

Printed Name _____

LESLIE REEVES@OXY.COM

E-mail Address _____

¹⁸SURVEYOR 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 to the best of my belief.

08/14/2019

Date of Survey _____
Signature and Seal of Professional Surveyor _____

Signature and Seal of Professional Surveyor

UNITED STATES DEPARTMENT OF JUSTICE

RECEIVED

17/1/2009

24500

$$= \frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$

100

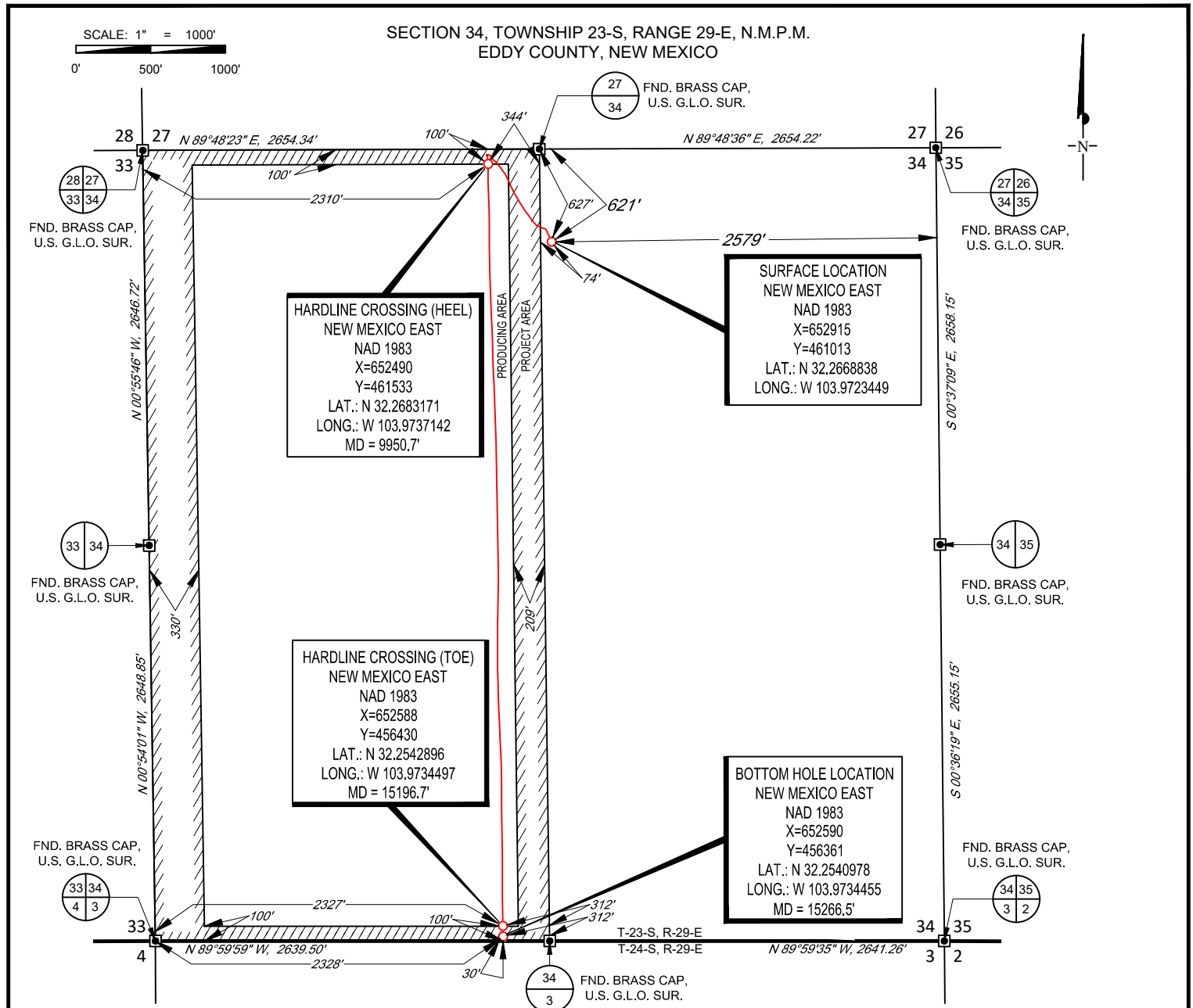
11/15/2015

PHILIPPS UNIVERSITÄT MARBURG

Certificate Number: _____

Certificate Number

6/22/2023 7:18:44 AM



LEASE NAME & WELL NO.: CYPRESS 34 207H

SECTION 34 TWP 23-S RGE 29-E SURVEY N.M.P.M.

COUNTY EDDY STATE NM ELEVATION 3046'

DESCRIPTION 621' FNL & 2579' FEL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

INTERNAL
PRE-COMPLETION
PLAT

CYPRESS 34 207H PRE-COMPLETION	REVISION:		NOTES:
	INT	DATE	
DATE: 09/14/2020			1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY TAP ROCK OPERATING, LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
FILE: CYPRESS_34_FEDERAL_207H			
DRAWN BY: A.V.F.			
SHEET: 1 OF 1			

S:\SURVEY\TAPROCK\CYPRESS_34_AREA\FINAL_PRODUCTS\IC_CYPRESS_34_FEDERAL_207H.DWG 6/22/2023 7:19:05 AM craig.rentz



Operator: Taprock Resources LLC
Well Name: Cypress 34 Fed Com #207H
County: Eddy
State: New Mexico
Rig Name: H&P 388
API: 30-015-46823

Intrepid Directional Drilling Specialists certifies that the surveys performed on the above referenced well are true and correct MWD surveys, data provided as follows:

Surveyor: Intrepid Directional Drilling Specialists
Survey Depths: 180' MD – 15,199' MD
Projection to Bit: 15,268' MD
Dates Performed: 08/03/2020 – 09/03/2020
Type of Survey: MWD

Sincerely,

A handwritten signature in blue ink, appearing to read "James Burleson".

James Burleson
Vice President of MWD Operations
Intrepid Directional Drilling Specialists





Tap Rock Resources, LLC

**Eddy County, NM (NAD 83 NME)
(Cypress) Sec-3_T-24-S_R-29-E
Cypress 34 Federal #207H**

OWB

Design: AWB

Standard Survey Report

03 September, 2020





Operator: Taprock Resources LLC
Well Name: Cypress 34 Fed Com #207H
County: Eddy
State: New Mexico
Rig Name: H&P 388
API: 30-015-46823

Intrepid Directional Drilling Specialists certifies that the surveys performed on the above referenced well are true and correct MWD surveys, data provided as follows:

Surveyor: Intrepid Directional Drilling Specialists
Survey Depths: 180' MD – 15,199' MD
Projection to Bit: 15,268' MD
Dates Performed: 08/03/2020 – 09/03/2020
Type of Survey: MWD

Sincerely,

A handwritten signature in blue ink, appearing to read "James Burleson".

James Burleson
Vice President of MWD Operations
Intrepid Directional Drilling Specialists





Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #207H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3072.0usft (H&P 388)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3072.0usft (H&P 388)
Well:	Cypress 34 Federal #207H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Project	Eddy County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	(Cypress) Sec-3_T-24-S_R-29-E		
Site Position:		Northing:	456,089.00 usft
From:	Map	Easting:	654,400.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 15' 12.005 N
		Longitude:	103° 58' 3.336 W
		Grid Convergence:	0.20 °

Well	Cypress 34 Federal #207H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 16' 0.781 N
		Longitude:	103° 58' 20.437 W
		Ground Level:	3,046.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	08/04/20	6.86	59.96	47,807.15757169

Design	AWB				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	179.09	

Survey Program	Date	09/03/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.0	15,268.0	Intrepid MWD (OWB)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
180.0	0.66	327.37	180.0	0.9	-0.6	-0.9	0.37	0.37	0.00
241.0	0.40	330.54	241.0	1.4	-0.9	-1.4	0.43	-0.43	5.20
252.0	0.29	322.82	252.0	1.4	-0.9	-1.4	1.09	-1.01	-70.16
Rustler Anhydrite									
323.0	0.53	183.67	323.0	1.2	-1.0	-1.2	1.09	0.34	-196.00
412.0	0.40	44.72	412.0	1.0	-0.8	-1.0	0.98	-0.15	-156.12
503.0	1.01	24.77	503.0	2.0	-0.3	-2.0	0.71	0.67	-21.92
594.0	0.57	26.35	594.0	3.1	0.3	-3.1	0.48	-0.48	1.74
612.0	0.56	36.28	612.0	3.3	0.4	-3.3	0.55	-0.03	55.07



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #207H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3072.0usft (H&P 388)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3072.0usft (H&P 388)
Well:	Cypress 34 Federal #207H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

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)
Top Salt									
685.0	0.70	70.91	685.0	3.7	1.0	-3.7	0.55	0.19	47.46
777.0	0.75	48.58	777.0	4.3	2.0	-4.3	0.31	0.05	-24.27
867.0	0.48	79.17	867.0	4.8	2.8	-4.7	0.46	-0.30	33.99
960.0	0.70	65.02	960.0	5.1	3.7	-5.0	0.28	0.24	-15.22
1,054.0	0.35	28.72	1,053.9	5.6	4.3	-5.5	0.50	-0.37	-38.62
1,149.0	0.62	269.28	1,148.9	5.8	4.0	-5.7	0.89	0.28	-125.73
1,244.0	0.84	296.87	1,243.9	6.1	2.8	-6.1	0.43	0.23	29.04
1,338.0	1.32	276.66	1,337.9	6.6	1.1	-6.5	0.64	0.51	-21.50
1,433.0	1.41	283.34	1,432.9	7.0	-1.1	-7.0	0.19	0.09	7.03
1,528.0	2.46	315.86	1,527.8	8.7	-3.6	-8.7	1.56	1.11	34.23
1,622.0	3.69	326.93	1,621.7	12.7	-6.7	-12.8	1.45	1.31	11.78
1,717.0	5.67	337.30	1,716.4	19.6	-10.2	-19.7	2.26	2.08	10.92
1,812.0	6.11	338.36	1,810.9	28.6	-13.8	-28.8	0.48	0.46	1.12
1,906.0	4.92	339.85	1,904.4	37.0	-17.1	-37.3	1.27	-1.27	1.59
2,001.0	5.36	334.05	1,999.1	44.8	-20.4	-45.2	0.72	0.46	-6.11
2,096.0	6.02	334.40	2,093.6	53.3	-24.5	-53.7	0.70	0.69	0.37
2,190.0	4.79	341.61	2,187.2	61.5	-27.9	-61.9	1.49	-1.31	7.67
2,285.0	5.23	334.23	2,281.8	69.2	-31.0	-69.6	0.82	0.46	-7.77
2,380.0	4.13	332.82	2,376.5	76.1	-34.5	-76.6	1.16	-1.16	-1.48
2,475.0	2.37	325.97	2,471.3	80.8	-37.1	-81.3	1.89	-1.85	-7.21
2,569.0	3.52	306.72	2,565.2	84.1	-40.5	-84.7	1.60	1.22	-20.48
2,664.0	4.13	298.46	2,660.0	87.5	-45.9	-88.2	0.86	0.64	-8.69
2,759.0	4.66	284.48	2,754.7	90.1	-52.6	-90.9	1.25	0.56	-14.72
2,853.0	5.89	284.83	2,848.3	92.3	-61.0	-93.2	1.31	1.31	0.37
2,861.7	5.90	285.65	2,857.0	92.5	-61.8	-93.5	0.97	0.12	9.39
Base Salt									
2,948.0	6.07	293.54	2,942.8	95.5	-70.3	-96.6	0.97	0.20	9.15
3,043.0	4.88	294.24	3,037.4	99.2	-78.6	-100.4	1.25	-1.25	0.74
3,077.7	4.74	293.45	3,072.0	100.4	-81.2	-101.6	0.45	-0.41	-2.29
Delaware Mountain Gp									
3,102.8	4.64	292.84	3,097.0	101.2	-83.1	-102.5	0.45	-0.41	-2.40
Lamar									
3,107.0	4.62	292.74	3,101.2	101.3	-83.4	-102.6	0.45	-0.40	-2.47
3,107.8	4.62	292.74	3,102.0	101.3	-83.5	-102.6	0.00	0.00	0.00
Bell Canyon									
3,137.9	4.51	292.67	3,132.0	102.2	-85.7	-103.6	0.38	-0.38	-0.23
Ramsey Sand									
3,215.0	4.22	292.48	3,208.8	104.5	-91.1	-105.9	0.37	-0.37	-0.25
3,310.0	4.97	305.05	3,303.5	108.2	-97.7	-109.7	1.32	0.79	13.23
3,404.0	7.30	314.80	3,397.0	114.7	-105.3	-116.4	2.71	2.48	10.37
3,499.0	10.20	319.90	3,490.9	125.4	-115.0	-127.2	3.16	3.05	5.37
3,594.0	11.38	321.75	3,584.2	139.2	-126.2	-141.2	1.29	1.24	1.95
3,689.0	11.30	323.07	3,677.3	154.0	-137.6	-156.2	0.29	-0.08	1.39



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #207H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3072.0usft (H&P 388)
Site:	(Cypress) Sec-3_T-24-S-R-29-E	MD Reference:	KB @ 3072.0usft (H&P 388)
Well:	Cypress 34 Federal #207H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

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)
3,783.0	10.99	323.33	3,769.6	168.6	-148.5	-170.9	0.33	-0.33	0.28
3,878.0	11.03	323.59	3,862.8	183.2	-159.3	-185.7	0.07	0.04	0.27
3,973.0	10.20	324.38	3,956.2	197.3	-169.6	-200.0	0.89	-0.87	0.83
3,994.1	10.09	324.65	3,977.0	200.3	-171.8	-203.0	0.56	-0.52	1.26
Cherry Canyon									
4,068.0	9.71	325.62	4,049.8	210.8	-179.0	-213.6	0.56	-0.52	1.32
4,162.0	11.56	326.58	4,142.1	225.2	-188.7	-228.1	1.98	1.97	1.02
4,257.0	12.48	327.55	4,235.1	241.8	-199.4	-244.9	0.99	0.97	1.02
4,352.0	12.75	328.78	4,327.8	259.4	-210.4	-262.7	0.40	0.28	1.29
4,447.0	12.40	330.10	4,420.5	277.2	-220.9	-280.7	0.48	-0.37	1.39
4,541.0	11.69	329.83	4,512.4	294.2	-230.7	-297.8	0.76	-0.76	-0.29
4,636.0	10.73	330.36	4,605.6	310.2	-239.9	-314.0	1.02	-1.01	0.56
4,730.0	10.29	330.54	4,698.0	325.1	-248.4	-329.0	0.47	-0.47	0.19
4,825.0	10.37	331.77	4,791.5	340.0	-256.6	-344.1	0.25	0.08	1.29
4,920.0	10.77	333.79	4,884.9	355.5	-264.6	-359.7	0.57	0.42	2.13
5,014.0	11.21	334.84	4,977.2	371.7	-272.3	-376.0	0.51	0.47	1.12
5,109.0	10.86	336.87	5,070.4	388.3	-279.8	-392.7	0.55	-0.37	2.14
5,181.8	9.75	337.00	5,142.0	400.2	-284.9	-404.7	1.53	-1.53	0.17
Brushy Canyon									
5,204.0	9.41	337.04	5,163.9	403.6	-286.3	-408.1	1.53	-1.53	0.20
5,299.0	9.10	336.51	5,257.7	417.7	-292.3	-422.3	0.34	-0.33	-0.56
5,393.0	8.40	331.94	5,350.6	430.6	-298.5	-435.2	1.05	-0.74	-4.86
5,488.0	8.09	332.12	5,444.6	442.6	-304.9	-447.4	0.33	-0.33	0.19
5,583.0	7.34	326.67	5,538.7	453.6	-311.4	-458.5	1.10	-0.79	-5.74
5,678.0	6.77	323.86	5,633.0	463.2	-318.0	-468.2	0.70	-0.60	-2.96
5,772.0	6.81	326.23	5,726.4	472.3	-324.4	-477.4	0.30	0.04	2.52
5,867.0	6.64	327.46	5,820.7	481.6	-330.5	-486.8	0.23	-0.18	1.29
5,962.0	6.46	322.28	5,915.1	490.4	-336.7	-495.7	0.65	-0.19	-5.45
6,057.0	6.51	318.85	6,009.5	498.7	-343.5	-504.1	0.41	0.05	-3.61
6,152.0	6.46	319.90	6,103.9	506.9	-350.5	-512.4	0.14	-0.05	1.11
6,246.0	6.37	321.22	6,197.3	515.0	-357.2	-520.6	0.18	-0.10	1.40
6,341.0	6.11	322.89	6,291.7	523.1	-363.5	-528.8	0.33	-0.27	1.76
6,436.0	6.51	319.20	6,386.1	531.2	-370.1	-537.0	0.60	0.42	-3.88
6,530.0	6.81	312.08	6,479.5	539.0	-377.7	-544.9	0.93	0.32	-7.57
6,625.0	6.68	309.36	6,573.9	546.3	-386.2	-552.3	0.36	-0.14	-2.86
6,720.0	6.29	310.50	6,668.3	553.2	-394.4	-559.4	0.43	-0.41	1.20
6,815.0	4.62	314.19	6,762.8	559.2	-401.1	-565.5	1.80	-1.76	3.88
6,879.3	3.29	329.43	6,827.0	562.6	-403.9	-568.9	2.62	-2.06	23.68
Bone Spring Lime									
6,909.0	2.81	340.91	6,856.6	564.0	-404.6	-570.4	2.62	-1.62	38.71
6,954.4	2.57	345.84	6,902.0	566.1	-405.2	-572.4	0.74	-0.53	10.85
Upper Avalon									
7,004.0	2.33	352.33	6,951.5	568.1	-405.6	-574.5	0.74	-0.48	13.09
7,099.0	1.98	331.42	7,046.5	571.5	-406.6	-577.9	0.90	-0.37	-22.01



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #207H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3072.0usft (H&P 388)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3072.0usft (H&P 388)
Well:	Cypress 34 Federal #207H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

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)
7,193.0	2.37	310.15	7,140.4	574.2	-408.9	-580.6	0.95	0.41	-22.63
7,288.0	3.47	320.61	7,235.3	577.7	-412.2	-584.1	1.28	1.16	11.01
7,327.8	3.21	312.22	7,275.0	579.3	-413.8	-585.8	1.39	-0.65	-21.09
Middle Avalon									
7,383.0	2.99	298.63	7,330.1	581.1	-416.2	-587.6	1.39	-0.40	-24.61
7,477.0	1.19	249.50	7,424.1	581.9	-419.3	-588.5	2.54	-1.91	-52.27
7,572.0	0.88	224.80	7,519.0	581.0	-420.7	-587.6	0.56	-0.33	-26.00
7,667.0	1.32	250.29	7,614.0	580.2	-422.2	-586.8	0.68	0.46	26.83
7,705.0	1.28	250.09	7,652.0	579.9	-423.1	-586.5	0.10	-0.09	-0.52
Lower Avalon									
7,762.0	1.23	249.77	7,709.0	579.4	-424.2	-586.1	0.10	-0.09	-0.56
7,856.0	0.84	277.63	7,803.0	579.2	-425.9	-585.9	0.67	-0.41	29.64
7,865.0	0.83	278.07	7,812.0	579.2	-426.0	-585.9	0.17	-0.15	4.92
1st Bone Spring Sand									
7,951.0	0.70	283.16	7,898.0	579.4	-427.1	-586.1	0.17	-0.15	5.91
8,046.0	0.79	277.98	7,993.0	579.6	-428.3	-586.3	0.12	0.09	-5.45
8,140.0	0.53	298.63	8,087.0	579.9	-429.4	-586.7	0.37	-0.28	21.97
8,150.0	0.44	313.20	8,097.0	580.0	-429.4	-586.7	1.50	-0.88	145.22
2nd Bone Spring Carb									
8,235.0	1.14	51.13	8,182.0	580.7	-429.0	-587.5	1.50	0.82	115.26
8,330.0	0.70	59.31	8,276.9	581.6	-427.8	-588.3	0.48	-0.46	8.61
8,425.0	0.70	276.04	8,371.9	582.0	-427.9	-588.7	1.40	0.00	-150.81
8,475.1	1.33	277.96	8,422.0	582.1	-428.7	-588.8	1.27	1.27	3.84
2nd Bone Spring Sand									
8,519.0	1.89	278.59	8,465.9	582.3	-430.0	-589.0	1.27	1.27	1.42
8,614.0	1.80	294.24	8,560.9	583.1	-432.9	-589.9	0.54	-0.09	16.47
8,709.0	0.35	269.10	8,655.9	583.7	-434.5	-590.5	1.57	-1.53	-26.46
8,803.0	0.84	150.36	8,749.9	583.1	-434.5	-589.9	1.12	0.52	-126.32
8,898.0	0.92	164.60	8,844.8	581.8	-433.9	-588.6	0.24	0.08	14.99
8,992.0	1.10	164.69	8,938.8	580.2	-433.5	-587.0	0.19	0.19	0.10
9,010.2	1.04	165.48	8,957.0	579.8	-433.4	-586.7	0.34	-0.33	4.35
3rd Bone Spring Carb									
9,087.0	0.79	170.14	9,033.8	578.6	-433.1	-585.5	0.34	-0.33	6.06
9,182.0	1.23	204.24	9,128.8	577.1	-433.4	-583.9	0.76	0.46	35.89
9,276.0	0.44	228.14	9,222.8	575.9	-434.1	-582.7	0.90	-0.84	25.43
9,371.0	1.01	5.87	9,317.8	576.5	-434.3	-583.3	1.44	0.60	144.98
9,466.0	1.54	24.33	9,412.8	578.5	-433.7	-585.3	0.70	0.56	19.43
9,501.0	1.67	21.34	9,447.7	579.4	-433.3	-586.2	0.44	0.37	-8.54
9,623.0	1.32	1.74	9,569.7	582.5	-432.6	-589.3	0.50	-0.29	-16.07
9,718.0	3.87	163.98	9,664.6	580.5	-431.7	-587.3	5.41	2.68	170.78
9,813.0	14.20	170.05	9,758.3	565.9	-428.8	-572.6	10.90	10.87	6.39
9,816.8	14.52	170.43	9,762.0	565.0	-428.6	-571.7	8.80	8.43	10.18
3rd Bone Spring Sand									
9,907.0	22.24	176.38	9,847.6	536.7	-425.7	-543.4	8.80	8.56	6.59
9,951.0	22.48	178.80	9,888.3	520.0	-425.0	-526.7	2.16	0.55	5.49



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #207H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3072.0usft (H&P 388)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3072.0usft (H&P 388)
Well:	Cypress 34 Federal #207H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

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)
FTP @ 9951'MD, 100'FNL & 344'FEL									
9,991.0	22.73	180.95	9,925.2	504.6	-424.9	-511.3	2.16	0.62	5.38
10,097.0	31.69	180.68	10,019.4	456.2	-425.6	-462.9	8.45	8.45	-0.25
10,124.4	37.03	179.66	10,042.0	440.7	-425.6	-447.4	19.57	19.46	-3.71
3rd BS W Sand									
10,192.0	50.20	177.96	10,090.8	394.2	-424.6	-400.9	19.57	19.49	-2.52
10,201.8	51.63	177.89	10,097.0	386.6	-424.3	-393.3	14.54	14.52	-0.76
Wolfcamp A X Sand									
10,287.0	64.00	177.34	10,142.3	314.7	-421.3	-321.4	14.54	14.53	-0.64
10,382.0	72.00	178.66	10,177.8	226.8	-418.3	-233.4	8.52	8.42	1.39
10,477.0	82.07	180.07	10,199.1	134.3	-417.3	-140.9	10.70	10.60	1.48
10,500.0	83.60	180.11	10,202.0	111.5	-417.3	-118.2	6.66	6.66	0.16
Wolfcamp A Y Sand									
10,535.0	85.93	180.16	10,205.2	76.7	-417.4	-83.3	6.66	6.66	0.15
10,630.0	88.35	179.19	10,209.9	-18.2	-416.8	11.6	2.74	2.55	-1.02
10,725.0	87.34	178.75	10,213.5	-113.1	-415.1	106.5	1.16	-1.06	-0.46
10,820.0	87.60	178.66	10,217.7	-208.0	-413.0	201.4	0.29	0.27	-0.09
10,915.0	88.04	178.22	10,221.3	-302.9	-410.4	296.4	0.65	0.46	-0.46
11,010.0	89.05	177.61	10,223.7	-397.8	-406.9	391.3	1.24	1.06	-0.64
11,105.0	91.47	177.43	10,223.3	-492.7	-402.8	486.3	2.55	2.55	-0.19
11,200.0	91.12	177.61	10,221.2	-587.6	-398.7	581.2	0.41	-0.37	0.19
11,293.0	92.35	178.22	10,218.3	-680.5	-395.3	674.1	1.48	1.32	0.66
11,387.0	92.26	178.31	10,214.6	-774.4	-392.5	768.0	0.14	-0.10	0.10
11,480.0	89.89	177.61	10,212.8	-867.3	-389.2	861.0	2.66	-2.55	-0.75
11,576.0	88.70	177.52	10,214.0	-963.2	-385.1	957.0	1.24	-1.24	-0.09
11,670.0	88.40	178.22	10,216.4	-1,057.1	-381.6	1,050.9	0.81	-0.32	0.74
11,766.0	90.20	178.13	10,217.5	-1,153.0	-378.6	1,146.9	1.88	1.88	-0.09
11,861.0	92.79	177.34	10,215.1	-1,247.9	-374.8	1,241.8	2.85	2.73	-0.83
11,956.0	92.22	178.13	10,210.9	-1,342.8	-371.1	1,336.7	1.02	-0.60	0.83
12,051.0	92.79	179.37	10,206.8	-1,437.6	-369.0	1,431.6	1.44	0.60	1.31
12,146.0	92.26	179.37	10,202.6	-1,532.5	-367.9	1,526.5	0.56	-0.56	0.00
12,242.0	92.00	179.01	10,199.0	-1,628.5	-366.6	1,622.4	0.46	-0.27	-0.38
12,337.0	88.44	179.19	10,198.6	-1,723.4	-365.1	1,717.4	3.75	-3.75	0.19
12,432.0	88.13	178.66	10,201.5	-1,818.4	-363.3	1,812.4	0.65	-0.33	-0.56
12,527.0	87.78	178.75	10,204.9	-1,913.3	-361.2	1,907.3	0.38	-0.37	0.09
12,623.0	87.96	179.10	10,208.4	-2,009.2	-359.4	2,003.3	0.41	0.19	0.36
12,717.0	87.47	179.28	10,212.2	-2,103.1	-358.0	2,097.2	0.56	-0.52	0.19
12,813.0	88.35	179.63	10,215.7	-2,199.1	-357.1	2,193.1	0.99	0.92	0.36
12,907.0	90.02	180.24	10,217.0	-2,293.0	-357.0	2,287.1	1.89	1.78	0.65
13,002.0	92.26	181.30	10,215.1	-2,388.0	-358.3	2,382.0	2.61	2.36	1.12
13,097.0	91.47	180.77	10,212.0	-2,482.9	-360.0	2,476.9	1.00	-0.83	-0.56
13,192.0	89.54	180.33	10,211.2	-2,577.9	-360.9	2,571.9	2.08	-2.03	-0.46
13,287.0	88.66	180.16	10,212.7	-2,672.9	-361.3	2,666.8	0.94	-0.93	-0.18
13,382.0	88.18	179.72	10,215.3	-2,767.9	-361.2	2,761.8	0.69	-0.51	-0.46



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #207H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3072.0usft (H&P 388)
Site:	(Cypress) Sec-3_T-24-S-R-29-E	MD Reference:	KB @ 3072.0usft (H&P 388)
Well:	Cypress 34 Federal #207H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

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)
13,478.0	87.74	179.54	10,218.7	-2,863.8	-360.6	2,857.7	0.50	-0.46	-0.19
13,573.0	87.87	178.22	10,222.4	-2,958.7	-358.8	2,952.7	1.40	0.14	-1.39
13,666.0	90.90	178.05	10,223.4	-3,051.7	-355.7	3,045.6	3.26	3.26	-0.18
13,756.0	90.73	177.78	10,222.1	-3,141.6	-352.5	3,135.6	0.35	-0.19	-0.30
13,851.0	89.49	177.61	10,221.9	-3,236.5	-348.6	3,230.6	1.32	-1.31	-0.18
13,946.0	87.08	176.73	10,224.8	-3,331.3	-343.9	3,325.5	2.70	-2.54	-0.93
14,041.0	88.40	177.61	10,228.5	-3,426.2	-339.3	3,420.3	1.67	1.39	0.93
14,136.0	90.11	178.49	10,229.7	-3,521.1	-336.0	3,515.3	2.02	1.80	0.93
14,231.0	92.13	179.63	10,227.9	-3,616.1	-334.5	3,610.3	2.44	2.13	1.20
14,326.0	92.66	180.42	10,223.9	-3,711.0	-334.5	3,705.2	1.00	0.56	0.83
14,417.0	90.51	179.63	10,221.4	-3,801.9	-334.5	3,796.1	2.52	-2.36	-0.87
14,512.0	88.88	178.57	10,221.9	-3,896.9	-333.1	3,891.1	2.05	-1.72	-1.12
14,607.0	90.99	179.10	10,222.0	-3,991.9	-331.1	3,986.1	2.29	2.22	0.56
14,703.0	92.84	179.80	10,218.8	-4,087.8	-330.2	4,082.1	2.06	1.93	0.73
14,798.0	92.31	179.89	10,214.5	-4,182.7	-329.9	4,177.0	0.57	-0.56	0.09
14,893.0	92.04	179.89	10,210.9	-4,277.7	-329.8	4,271.9	0.28	-0.28	0.00
14,986.0	91.52	179.63	10,208.0	-4,370.6	-329.4	4,364.8	0.63	-0.56	-0.28
15,081.0	90.24	179.19	10,206.6	-4,465.6	-328.4	4,459.8	1.42	-1.35	-0.46
15,176.0	88.53	178.66	10,207.6	-4,560.6	-326.6	4,554.8	1.88	-1.80	-0.56
15,198.1	88.78	178.75	10,208.1	-4,582.7	-326.1	4,576.9	1.20	1.13	0.39
LTP @ 15198.1'MD, 100'FSL & 311.9'FEL									
15,199.0	88.79	178.75	10,208.1	-4,583.6	-326.1	4,577.8	1.20	1.13	0.39
LAST SVY									
15,268.0	88.79	178.75	10,209.6	-4,652.5	-324.6	4,646.8	0.00	0.00	0.00
Projection to TD @ 15268'MD, 30.2'FSL & 311.3'FEL									

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									
FTP (Cypress 34 Fed)	0.00	0.00	10,206.0	520.0	-425.0	461,533.00	652,490.00	32° 16' 5.941 N	103° 58' 25.366 W
- actual wellpath misses target center by 170.1usft at 10188.7usft MD (10088.7 TVD, 396.8 N, -424.7 E)									
- Point									
PBHL (Cypress 34 Fe	0.00	179.09	10,215.0	-4,653.0	-343.0	456,360.00	652,572.00	32° 15' 14.748 N	103° 58' 24.613 W
- actual wellpath misses target center by 19.2usft at 15268.0usft MD (10209.6 TVD, -4652.5 N, -324.6 E)									
- Rectangle (sides W100.0 H2,575.0 D20.0)									
LTP (Cypress 34 Fed)	0.00	0.00	10,215.0	-4,583.0	-344.0	456,430.00	652,571.00	32° 15' 15.440 N	103° 58' 24.622 W
- actual wellpath misses target center by 19.2usft at 15198.2usft MD (10208.1 TVD, -4582.8 N, -326.1 E)									
- Point									



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #207H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3072.0usft (H&P 388)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3072.0usft (H&P 388)
Well:	Cypress 34 Federal #207H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
252.0	252.0	Rustler Anhydrite			
612.0	612.0	Top Salt			
2,861.7	2,857.0	Base Salt			
3,077.7	3,072.0	Delaware Mountain Gp			
3,102.8	3,097.0	Lamar			
3,107.8	3,102.0	Bell Canyon			
3,137.9	3,132.0	Ramsey Sand			
3,994.1	3,977.0	Cherry Canyon			
5,181.8	5,142.0	Brushy Canyon			
6,879.3	6,827.0	Bone Spring Lime			
6,954.4	6,902.0	Upper Avalon			
7,327.8	7,275.0	Middle Avalon			
7,705.0	7,652.0	Lower Avalon			
7,865.0	7,812.0	1st Bone Spring Sand			
8,150.0	8,097.0	2nd Bone Spring Carb			
8,475.1	8,422.0	2nd Bone Spring Sand			
9,010.2	8,957.0	3rd Bone Spring Carb			
9,816.8	9,762.0	3rd Bone Spring Sand			
10,124.4	10,042.0	3rd BS W Sand			
10,201.8	10,097.0	Wolfcamp A X Sand			
10,500.0	10,202.0	Wolfcamp A Y Sand			

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,951.0	9,888.3	520.0	-425.0	FTP @ 9951'MD, 100'FNL & 344'FEL
15,198.1	10,208.1	-4,582.7	-326.1	LTP @ 15198.1'MD, 100'FSL & 311.9'FEL
15,199.0	10,208.1	-4,583.6	-326.1	LAST SVY
15,268.0	10,209.6	-4,652.5	-324.6	Projection to TD @ 15268'MD, 30.2'FSL & 311.3'FEL

Checked By: _____ Approved By: _____ Date: _____

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM86024

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
CYPRESS 34 FEDERAL 207H9. API Well No.
30-015-46823-00-X110. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

TAP ROCK OPERATING LLC

Contact: BILL RAMSEY

E-Mail: bramsey@taprk.com

3a. Address

602 PARK POINT DRIVE SUITE 200
GOLDEN, CO 80401

3b. Phone No. (include area code)

Ph: 720-360-4028

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 34 T23S R29E NWNE 621FNL 2579FEL
32.266884 N Lat, 103.972343 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

8/3/2020: Spud well at 1:00.

9/3/2020: TD Reached at 15268 ft MD. TVD measured at 10210 ft.
Plug back measured depth at 15210 ft MD. TVD measured at 10208 ft.
Rig Release on 9/4/2020 at 18:00.

9/19/2020: Pressure test Production casing to 5000 PSI for 30 minutes, good test.
9/29/2020 to 9/20/2020: Perforate from 9961 ft to 15124 ft, 2 SPF, .41 inch holes with 676 total shots. 26 stage frac with 13,080,906 lbs of 100 mesh sand.
10/13/2020 to 10/15/2020: Drill out plugs
10/15/2020: Ready to produce

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #534124 verified by the BLM Well Information System
For TAP ROCK OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/20/2020 (21PP0242SE)

Name (Printed/Typed) BILL RAMSEY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/15/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 11/19/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #534124 that would not fit on the form

32. Additional remarks, continued

Formation Tops (Measured Depth):

Cherry Canyon: 3957 ft
Brushy Canyon: 5192 ft
Bonespring Top: 6903 ft
Upper Avalon: 6968 ft
1st Bonespring Sand: 7870 ft
2nd Bonespring Sand: 8686 ft
3rd Bonespring Sand: 9832 ft
Wolfcamp A X: 10195 ft
Wolfcamp A Y: 10383 ft

Request for OCD extension of time to file BLM approved Form 3160-4.

Revisions to Operator-Submitted EC Data for Sundry Notice #534124

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM86024	NMNM86024
Agreement:		
Operator:	TAP ROCK RESOURCES 523 PARK POINT DRIVE SUITE 200 GOLDEN, CO 80401 Ph: 720-360-4028	TAP ROCK OPERATING LLC 602 PARK POINT DRIVE SUITE 200 GOLDEN, CO 80401 Ph: 720.772.5090
Admin Contact:	BILL RAMSEY REGULATORY ANALYST E-Mail: bramsey@taprk.com Ph: 720-360-4028	BILL RAMSEY REGULATORY ANALYST E-Mail: bramsey@taprk.com Ph: 720-360-4028
Tech Contact:	BILL RAMSEY REGULATORY ANALYST E-Mail: bramsey@taprk.com Ph: 720-360-4028	BILL RAMSEY REGULATORY ANALYST E-Mail: bramsey@taprk.com Ph: 720-360-4028
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	PURPLE SAGE WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Well/Facility:	CYPRESS 34 FEDERAL 207H Sec 34 T23S R29E NWNE 621FNL 2579FEL 32.266884 N Lat, 103.972343 W Lon	CYPRESS 34 FEDERAL 207H Sec 34 T23S R29E NWNE 621FNL 2579FEL 32.266884 N Lat, 103.972343 W Lon



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print Report

02/23/2022

Operator Name TAP ROCK OPERATING LLC	Well Name CYPRESS 34 FEDERAL	Well Number 207H	US Well Number 3001546823
SHL NWNE Sec 34 23S 29E	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name CYPRESS 34 FEDERAL	Well Pad Number Slot 2	ID 10400050029

Section 1 - General

Well Completion Report Id: 32867	Submission Date: N/A until DB Work	
BLM Office: Carlsbad Field Office	User: BILL RAMSEY	Title: Regulatory Analyst
Federal/Indian: FEDERAL	Lease Number: NMNM086024	Lease Acres: 1440
Agreement in place?: NO	Federal or Indian Agreement:	
Agreement Number:	Agreement Name:	
Keep this Well Completion Report confidential?: NO		
APD Operator: TAP ROCK OPERATING LLC		

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool	Pool Name: wolfcamp	Field Name: Purple Sage
Well Type: CONVENTIONAL GAS WELL		
Spud Date: 08-01-2020		
Date Total Measured Depth Reached: 09-03-2020		
Drill & Abandon or Ready To Produce: READY TO PRODUCE		
Well Class: HORIZONTAL		

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
QUATERNARY	OTHER	None	3046	0	0	NONE	
RUSTLER ANHYDRITE	ANHYDRITE		2794	252	252	OTHER	SALT

Operator Name TAP ROCK OPERATING LLC	Well Name CYPRESS 34 FEDERAL	Well Number 207H	US Well Number 3001546823
SHL NWNE Sec 34 23S 29E	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name CYPRESS 34 FEDERAL	Well Pad Number Slot 2	ID 10400050029

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
TOP SALT	SALT		2434	612	612	OTHER	SALT
BASE OF SALT	SALT		189	2857	2861	OTHER	SALT
DELAWARE	OTHER, SALT	Mountain Gp	-26	3072	3078	OTHER	Salt
CHERRY CANYON	SANDSTONE		-895	3941	3957	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-2106	5152	5192	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE		-3806	6852	6903	NATURAL GAS, OIL	
UPPER AVALON SHALES	SANDSTONE		-3870	6916	6968	NATURAL GAS, OIL	
BONE SPRING 1ST	OTHER, SANDSTONE	1st Bone Spring Sand	-4781	7827	7870	NATURAL GAS, OIL	
BONE SPRING 2ND	OTHER, SANDSTONE	2nd Bone Spring Sand	-5587	8633	8686	NATURAL GAS, OIL	
BONE SPRING 3RD	OTHER, SANDSTONE	3rd Bone Spring Sand	-6721	9767	9832	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	Wolfcamp A	-7044	10090	10195	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	Wolfcamp A Y	-7146	10192	10383	NATURAL GAS, OIL	

Completion and Completed Intervals

Operator Name TAP ROCK OPERATING LLC	Well Name CYPRESS 34 FEDERAL	Well Number 207H	US Well Number 3001546823
SHL NWNE Sec 34 23S 29E	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name CYPRESS 34 FEDERAL	Well Pad Number Slot 2	ID 10400050029

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM86024	NMNM86024	NEW		PGW	10-15-2020	10-19-2020	WOLFCA MP	9961	15124	Y	.41	676	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	ACID FRAC	278681		26 STAGE FRAC WITH 13,080,906 LBS OF 100 MESH SAND.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			FLows FROM WELL		SOLD	

Operator Name TAP ROCK OPERATING LLC	Well Name CYPRESS 34 FEDERAL	Well Number 207H	US Well Number 3001546823
SHL NWNE Sec 34 23S 29E	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name CYPRESS 34 FEDERAL	Well Pad Number Slot 2	ID 10400050029

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	11/02/2020	24	728	1744	2533	2395	36/64	0	0	1568

Well Location

Survey Type: RECTANGULAR

Survey Number: 11401

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot	Plug Type	Plug MD (ft)	Plug TVD (ft)	Lease Number	Lease Type	Elevation (MSL)	Longitude	Latitude	County	Meridian	State
NWNE	34	29E	23S	FEL	2579	FNL	621				NMNM086024	FEDERAL	3046	-103.9723449	32.2668838	EDDY	NEW MEXICO PRINCIPAL	NEW MEXICO
NENW	34	29E	23S	FWL	2310	FNL	100				NMNM086024	FEDERAL	-6842	-103.9737142	32.2683171	EDDY	NEW MEXICO PRINCIPAL	NEW MEXICO
NENW	34	29E	23S	FWL	2310	FNL	100				NMNM086024	FEDERAL	-6842	-103.9737142	32.2683171	EDDY	NEW MEXICO PRINCIPAL	NEW MEXICO
SESW	34	29E	23S	FWL	2327	FSL	100				NMNM086024	FEDERAL	-7162	-103.9734497	32.2542896	EDDY	NEW MEXICO PRINCIPAL	NEW MEXICO
SESW	34	29E	23S	FEL	2953	FSL	30				NMNM086024	FEDERAL	-7164	-103.9734455	32.2540978	EDDY	NEW MEXICO PRINCIPAL	NEW MEXICO

Operator Name TAP ROCK OPERATING LLC	Well Name CYPRESS 34 FEDERAL	Well Number 207H	US Well Number 3001546823
SHL NWNE Sec 34 23S 29E	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name CYPRESS 34 FEDERAL	Well Pad Number Slot 2	ID 10400050029

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	376	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	3159	9.625	40	J-55		BUTT		
00	PRODUCTION	6.75	0	9281	5.5	20	P-110		OTHER	TXP	
00	INTERMEDIATE	8.75	0	9550	7.625	29.7	P-110		OTHER	W-513	
00	PRODUCTION	6.75	9281	15255	5.0	18	P-110		OTHER	W-521	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbbls)
00	SURFACE		Class C	505	1.35	0					121.4
00	INTERMEDIATE		Class C	623	1.74	0	Class C	530	1.33	1794	318.6
00	PRODUCTION		None	0	0	0					0

Operator Name TAP ROCK OPERATING LLC	Well Name CYPRESS 34 FEDERAL	Well Number 207H	US Well Number 3001546823
SHL NWNE Sec 34 23S 29E	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name CYPRESS 34 FEDERAL	Well Pad Number Slot 2	ID 10400050029

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	INTERMEDIATE		Class H	575	2.23	0	Class C	132	1.35	8800	260.1
00	PRODUCTION		None	0	0	6711	Class H	789	1.12	6711	157.4

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	NO

Operator Name TAP ROCK OPERATING LLC	Well Name CYPRESS 34 FEDERAL	Well Number 207H	US Well Number 3001546823
SHL NWNE Sec 34 23S 29E	County EDDY	State NM	Lease Number(s) NMNM086024, NMNM86024, NMNM86024
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name CYPRESS 34 FEDERAL	Well Pad Number Slot 2	ID 10400050029

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: TAP ROCK OPERATING LLC

Signed By: BILL RAMSEY

Title: Regulatory Analyst

Signed on: 03/02/2021

Street Address: 523 PARK POINT DRIVE SUITE 200

City: GOLDEN

State: CO

Zip: 80401

Phone: (720)360-4028

Email address: BRAMSEY@TAPRK.COM

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

Cypress_34_Federal_207H_BLM_C_102_As_Drilled_20200914_20210203144854.pdf

TAPROCK_PERMIAN_CYPRESS_34_FEDERAL_207H_5_INCH_CURVE_AND_LATERAL_FINAL_20210203144933.pdf

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 234752

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 234752
	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 234752

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 234752
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/30/2023