

Well Name: NAILED IT FED COM	Well Location: T26S / R30E / SEC 36 / LOT 3 / 32.0007876 / -103.8372974	County or Parish/State: EDDY / NM
Well Number: 207H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM138850	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546858	Well Status: Drilling Well	Operator: TAP ROCK OPERATING LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 06/28/2021	Time Sundry Submitted: 04:59
Date proposed operation will begin: 06/28/2021	

Procedure Description: Tap Rock Operating, LLC is requesting permission to move the bottom hole location for the Nailed It Fed Com 207H. The previously approved BHL: 2465 feet FSL, 2486 feet FWL, Section 25, T26S, R30E, Eddy County New requested BHL: 2465 feet FSL, 2486 feet FEL, Section 25, T26S, R30E, Eddy County Please see the updated plat, Directional Survey, and drill plan for more detail on this sundry.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Nailed_It_Fed_Com_207H_Plan_1_20210628165935.pdf
- Nailed_It_207_Sundry_Plat_20210614_20210628165922.pdf
- APD_Drilling_Plan___Nailed_It_207H_6.14.21_20210628165910.pdf

Well Name: NAILED IT FED COM	Well Location: T26S / R30E / SEC 36 / LOT 3 / 32.0007876 / -103.8372974	County or Parish/State: EDDY / NM
Well Number: 207H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM138850	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546858	Well Status: Drilling Well	Operator: TAP ROCK OPERATING LLC

Operator Certification

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

Operator Electronic Signature: BILL RAMSEY	Signed on: AUG 17, 2021 01:38 PM
Name: TAP ROCK OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 523 PARK POINT DRIVE SUITE 200	
City: GOLDEN	State: CO
Phone: (720) 360-4028	
Email address: BRAMSEY@TAPRK.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: 08/17/2021
Signature: Chris Walls	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46858		² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 327308	⁵ Property Name NAILED IT FED COM		⁶ Well Number 207H
⁷ OGRID No. 372043	⁸ Operator Name TAP ROCK OPERATING, LLC.		⁹ Elevation 3018'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	36	26-S	30-E	-	230'	SOUTH	1865'	WEST	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
J	25	26-S	30-E	-	2465'	SOUTH	2486'	EAST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

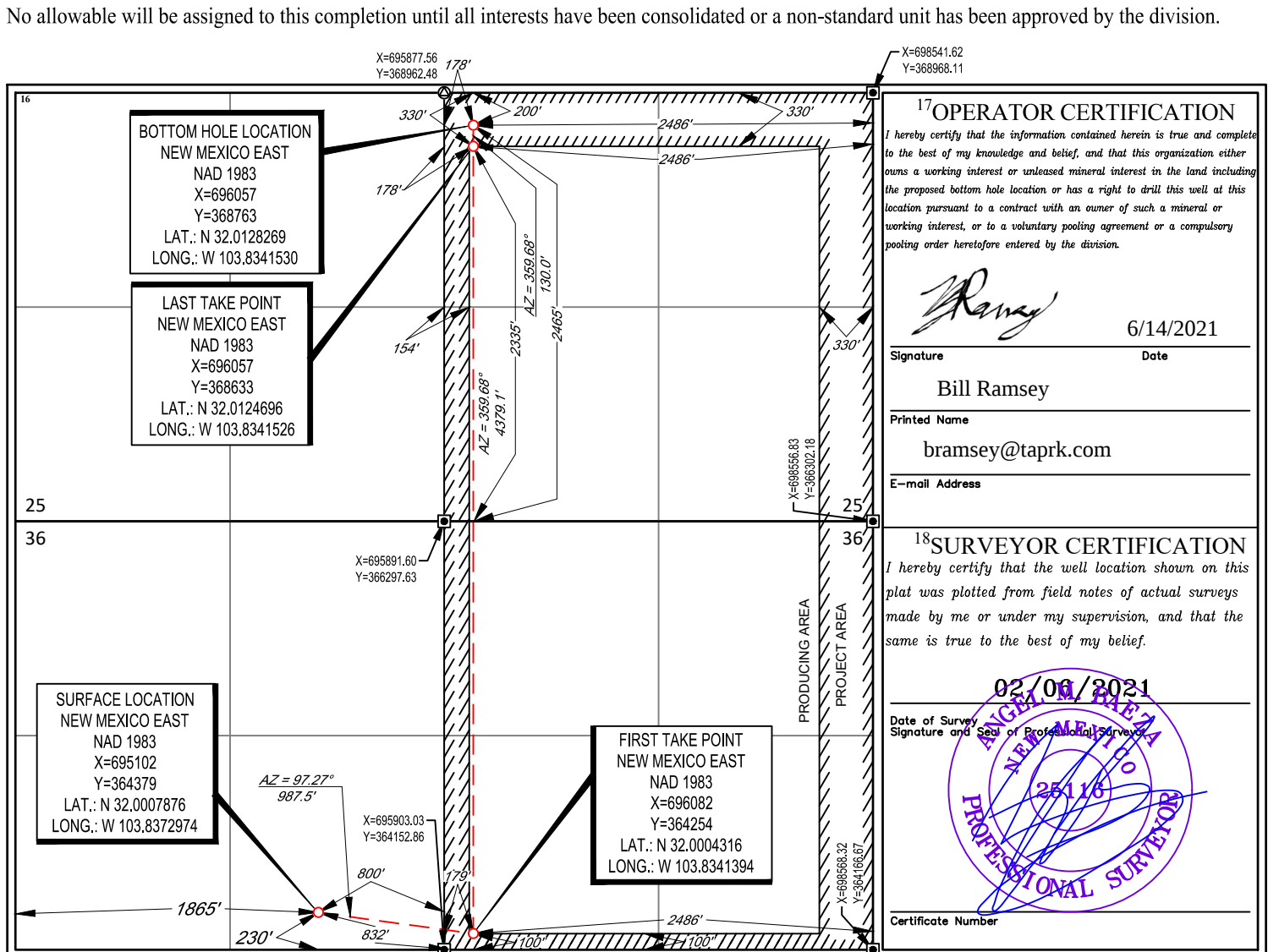


EXHIBIT 2B

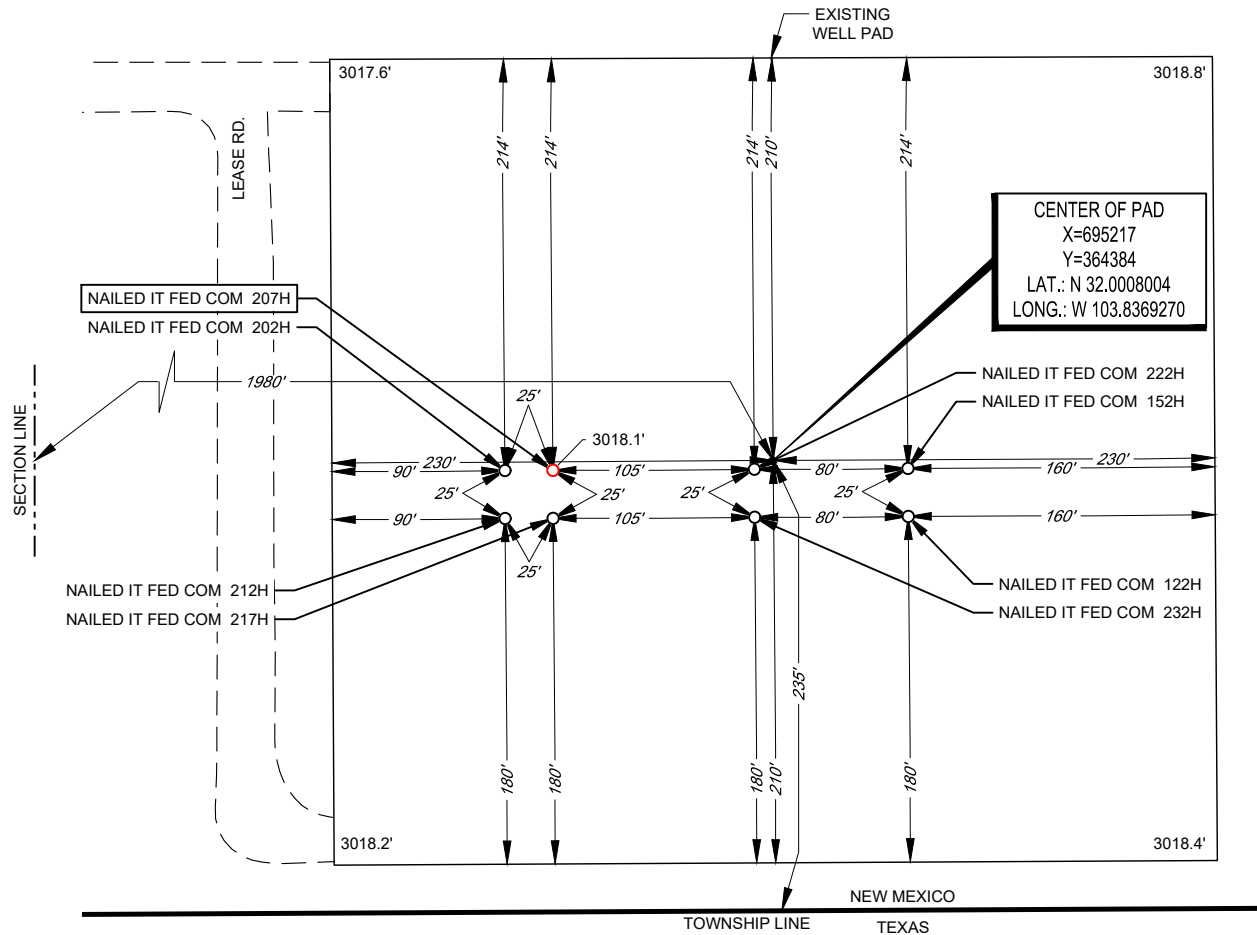


SECTION 36, TOWNSHIP 26-S, RANGE 30-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'

LEGEND

———— TOWNSHIP/RANGE LINE
----- SECTION LINE
===== ROAD WAY



LEASE NAME & WELL NO.: NAILED IT FED COM 207H
207H LATITUDE N 32.0007876 207H LONGITUDE W 103.8372974

CENTER OF PAD IS 235' FSL & 1980' FWL

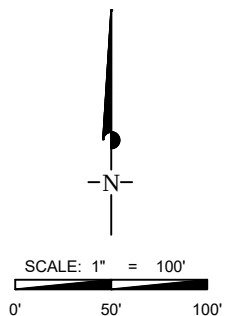


Angel M. Baeza, P.S. No. 25116

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

THIS PROPOSED PAD SITE 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.

ORIGINAL DOCUMENT SIZE: 8.5" X 11"



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



Tap Rock Resources, LLC

**Eddy County, NM (NAD 83 NME)
(Nailed It) Sec-36_T-26-S_R-30-E
Nailed It Fed Com #207H**

OWB

Plan: Plan #1

Standard Planning Report

11 June, 2021





Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Nailed It Fed Com #207H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3044.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3044.0usft
Site:	(Nailed It) Sec-36_T-26-S_R-30-E	North Reference:	Grid
Well:	Nailed It Fed Com #207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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	(Nailed It) Sec-36_T-26-S_R-30-E		
Site Position:		Northing:	364,471.00 usft
From:	Map	Easting:	693,516.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 0' 3.820 N
		Longitude:	103° 50' 32.687 W
		Grid Convergence:	0.26 °

Well	Nailed It Fed Com #207H		
Well Position	+N/-S	-92.0 usft	Northing:
	+E/-W	1,586.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	07/17/19	6.84	59.79	47,567.10981355

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	359.68

Plan Survey Tool Program	Date	06/11/21		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,586.2	Plan #1 (OWB)	MWD
				OWSG MWD - Standard

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	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,500.2	10.00	100.12	2,495.2	-15.3	85.7	1.00	1.00	0.00	100.12	
7,231.8	10.00	100.12	7,154.8	-159.7	894.8	0.00	0.00	0.00	0.00	
8,232.1	0.00	0.00	8,150.0	-175.0	980.5	1.00	-1.00	0.00	180.00	
10,700.6	0.00	0.00	10,618.5	-175.0	980.5	0.00	0.00	0.00	0.00	
11,598.6	89.80	359.68	11,191.5	396.0	977.3	10.00	10.00	-0.04	359.68	
15,586.7	89.80	359.68	11,205.3	4,384.0	955.0	0.00	0.00	0.00	0.00	PBHL (Nailed It Fed



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Nailed It Fed Com #207H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3044.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3044.0usft
Site:	(Nailed It) Sec-36_T-26-S_R-30-E	North Reference:	Grid
Well:	Nailed It Fed Com #207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,066.0	0.00	0.00	1,066.0	0.0	0.0	0.0	0.00	0.00	0.00
Rustler Anhydrite									
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,301.0	0.00	0.00	1,301.0	0.0	0.0	0.0	0.00	0.00	0.00
Top Salt									
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	1.00	100.12	1,600.0	-0.2	0.9	-0.2	1.00	1.00	0.00
1,700.0	2.00	100.12	1,700.0	-0.6	3.4	-0.6	1.00	1.00	0.00
1,800.0	3.00	100.12	1,799.9	-1.4	7.7	-1.4	1.00	1.00	0.00
1,900.0	4.00	100.12	1,899.7	-2.5	13.7	-2.5	1.00	1.00	0.00
2,000.0	5.00	100.12	1,999.4	-3.8	21.5	-4.0	1.00	1.00	0.00
2,100.0	6.00	100.12	2,098.9	-5.5	30.9	-5.7	1.00	1.00	0.00
2,200.0	7.00	100.12	2,198.3	-7.5	42.0	-7.7	1.00	1.00	0.00
2,300.0	8.00	100.12	2,297.4	-9.8	54.9	-10.1	1.00	1.00	0.00
2,400.0	9.00	100.12	2,396.3	-12.4	69.4	-12.8	1.00	1.00	0.00
2,500.2	10.00	100.12	2,495.2	-15.3	85.7	-15.8	1.00	1.00	0.00
2,600.0	10.00	100.12	2,593.4	-18.3	102.8	-18.9	0.00	0.00	0.00
2,700.0	10.00	100.12	2,691.9	-21.4	119.9	-22.1	0.00	0.00	0.00
2,800.0	10.00	100.12	2,790.4	-24.4	137.0	-25.2	0.00	0.00	0.00
2,900.0	10.00	100.12	2,888.9	-27.5	154.1	-28.4	0.00	0.00	0.00
3,000.0	10.00	100.12	2,987.3	-30.6	171.2	-31.5	0.00	0.00	0.00
3,100.0	10.00	100.12	3,085.8	-33.6	188.3	-34.7	0.00	0.00	0.00
3,200.0	10.00	100.12	3,184.3	-36.7	205.4	-37.8	0.00	0.00	0.00
3,300.0	10.00	100.12	3,282.8	-39.7	222.5	-41.0	0.00	0.00	0.00
3,400.0	10.00	100.12	3,381.3	-42.8	239.6	-44.1	0.00	0.00	0.00
3,400.8	10.00	100.12	3,382.0	-42.8	239.7	-44.1	0.00	0.00	0.00
Base Salt									
3,500.0	10.00	100.12	3,479.7	-45.8	256.7	-47.2	0.00	0.00	0.00
3,599.3	10.00	100.12	3,577.5	-48.8	273.7	-50.4	0.00	0.00	0.00
Lamar									
3,599.8	10.00	100.12	3,578.0	-48.9	273.7	-50.4	0.00	0.00	0.00
Delaware Mountain Gp									
3,600.0	10.00	100.12	3,578.2	-48.9	273.8	-50.4	0.00	0.00	0.00
3,623.1	10.00	100.12	3,601.0	-49.6	277.7	-51.1	0.00	0.00	0.00
Bell Canyon									
3,637.4	10.00	100.12	3,615.0	-50.0	280.2	-51.6	0.00	0.00	0.00
Ramsey Sand									
3,700.0	10.00	100.12	3,676.7	-51.9	290.9	-53.5	0.00	0.00	0.00
3,800.0	10.00	100.12	3,775.2	-55.0	308.0	-56.7	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Nailed It Fed Com #207H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3044.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3044.0usft
Site:	(Nailed It) Sec-36_T-26-S_R-30-E	North Reference:	Grid
Well:	Nailed It Fed Com #207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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)
3,900.0	10.00	100.12	3,873.7	-58.0	325.1	-59.8	0.00	0.00	0.00
4,000.0	10.00	100.12	3,972.1	-61.1	342.2	-63.0	0.00	0.00	0.00
4,100.0	10.00	100.12	4,070.6	-64.1	359.3	-66.1	0.00	0.00	0.00
4,200.0	10.00	100.12	4,169.1	-67.2	376.4	-69.3	0.00	0.00	0.00
4,300.0	10.00	100.12	4,267.6	-70.2	393.5	-72.4	0.00	0.00	0.00
4,400.0	10.00	100.12	4,366.1	-73.3	410.6	-75.6	0.00	0.00	0.00
4,500.0	10.00	100.12	4,464.5	-76.3	427.7	-78.7	0.00	0.00	0.00
4,600.0	10.00	100.12	4,563.0	-79.4	444.8	-81.9	0.00	0.00	0.00
4,700.0	10.00	100.12	4,661.5	-82.4	461.9	-85.0	0.00	0.00	0.00
4,800.0	10.00	100.12	4,760.0	-85.5	479.0	-88.2	0.00	0.00	0.00
4,832.5	10.00	100.12	4,792.0	-86.5	484.5	-89.2	0.00	0.00	0.00
Cherry Canyon									
4,900.0	10.00	100.12	4,858.5	-88.5	496.1	-91.3	0.00	0.00	0.00
5,000.0	10.00	100.12	4,956.9	-91.6	513.2	-94.5	0.00	0.00	0.00
5,100.0	10.00	100.12	5,055.4	-94.6	530.3	-97.6	0.00	0.00	0.00
5,200.0	10.00	100.12	5,153.9	-97.7	547.4	-100.7	0.00	0.00	0.00
5,300.0	10.00	100.12	5,252.4	-100.7	564.5	-103.9	0.00	0.00	0.00
5,400.0	10.00	100.12	5,350.9	-103.8	581.6	-107.0	0.00	0.00	0.00
5,500.0	10.00	100.12	5,449.3	-106.8	598.6	-110.2	0.00	0.00	0.00
5,600.0	10.00	100.12	5,547.8	-109.9	615.7	-113.3	0.00	0.00	0.00
5,700.0	10.00	100.12	5,646.3	-113.0	632.8	-116.5	0.00	0.00	0.00
5,774.8	10.00	100.12	5,720.0	-115.2	645.6	-118.8	0.00	0.00	0.00
Brushy Canyon									
5,800.0	10.00	100.12	5,744.8	-116.0	649.9	-119.6	0.00	0.00	0.00
5,900.0	10.00	100.12	5,843.3	-119.1	667.0	-122.8	0.00	0.00	0.00
6,000.0	10.00	100.12	5,941.7	-122.1	684.1	-125.9	0.00	0.00	0.00
6,100.0	10.00	100.12	6,040.2	-125.2	701.2	-129.1	0.00	0.00	0.00
6,200.0	10.00	100.12	6,138.7	-128.2	718.3	-132.2	0.00	0.00	0.00
6,300.0	10.00	100.12	6,237.2	-131.3	735.4	-135.4	0.00	0.00	0.00
6,400.0	10.00	100.12	6,335.7	-134.3	752.5	-138.5	0.00	0.00	0.00
6,500.0	10.00	100.12	6,434.1	-137.4	769.6	-141.7	0.00	0.00	0.00
6,600.0	10.00	100.12	6,532.6	-140.4	786.7	-144.8	0.00	0.00	0.00
6,700.0	10.00	100.12	6,631.1	-143.5	803.8	-148.0	0.00	0.00	0.00
6,800.0	10.00	100.12	6,729.6	-146.5	820.9	-151.1	0.00	0.00	0.00
6,900.0	10.00	100.12	6,828.1	-149.6	838.0	-154.3	0.00	0.00	0.00
7,000.0	10.00	100.12	6,926.5	-152.6	855.1	-157.4	0.00	0.00	0.00
7,100.0	10.00	100.12	7,025.0	-155.7	872.2	-160.5	0.00	0.00	0.00
7,200.0	10.00	100.12	7,123.5	-158.7	889.3	-163.7	0.00	0.00	0.00
7,231.8	10.00	100.12	7,154.8	-159.7	894.8	-164.7	0.00	0.00	0.00
7,300.0	9.32	100.12	7,222.0	-161.7	906.0	-166.8	1.00	-1.00	0.00
7,400.0	8.32	100.12	7,320.9	-164.4	921.1	-169.5	1.00	-1.00	0.00
7,500.0	7.32	100.12	7,419.9	-166.8	934.5	-172.0	1.00	-1.00	0.00
7,591.7	6.40	100.12	7,511.0	-168.7	945.3	-174.0	1.00	-1.00	0.00
Bone Spring Lime									
7,600.0	6.32	100.12	7,519.2	-168.9	946.2	-174.2	1.00	-1.00	0.00
7,687.2	5.45	100.12	7,606.0	-170.5	955.0	-175.8	1.00	-1.00	0.00
Upper Avalon									
7,700.0	5.32	100.12	7,618.7	-170.7	956.2	-176.0	1.00	-1.00	0.00
7,800.0	4.32	100.12	7,718.3	-172.1	964.5	-177.5	1.00	-1.00	0.00
7,900.0	3.32	100.12	7,818.1	-173.3	971.0	-178.7	1.00	-1.00	0.00
8,000.0	2.32	100.12	7,918.0	-174.2	975.9	-179.6	1.00	-1.00	0.00
8,062.5	1.70	100.12	7,980.5	-174.6	978.0	-180.0	1.00	-1.00	0.00
Middle Avalon									
8,100.0	1.32	100.12	8,017.9	-174.7	979.0	-180.2	1.00	-1.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Nailed It Fed Com #207H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3044.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3044.0usft
Site:	(Nailed It) Sec-36_T-26-S_R-30-E	North Reference:	Grid
Well:	Nailed It Fed Com #207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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)
8,200.0	0.32	100.12	8,117.9	-175.0	980.4	-180.5	1.00	-1.00	0.00
8,232.1	0.00	0.00	8,150.0	-175.0	980.5	-180.5	1.00	-1.00	0.00
8,300.0	0.00	0.00	8,217.9	-175.0	980.5	-180.5	0.00	0.00	0.00
8,342.1	0.00	0.00	8,260.0	-175.0	980.5	-180.5	0.00	0.00	0.00
Lower Avalon									
8,400.0	0.00	0.00	8,317.9	-175.0	980.5	-180.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,417.9	-175.0	980.5	-180.5	0.00	0.00	0.00
8,522.1	0.00	0.00	8,440.0	-175.0	980.5	-180.5	0.00	0.00	0.00
1st Bone Spring Sand									
8,600.0	0.00	0.00	8,517.9	-175.0	980.5	-180.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,617.9	-175.0	980.5	-180.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,717.9	-175.0	980.5	-180.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,817.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,917.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,014.1	0.00	0.00	8,932.0	-175.0	980.5	-180.5	0.00	0.00	0.00
2nd Bone Spring Carb									
9,100.0	0.00	0.00	9,017.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,192.6	0.00	0.00	9,110.5	-175.0	980.5	-180.5	0.00	0.00	0.00
2nd Bone Spring Sand									
9,200.0	0.00	0.00	9,117.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,217.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,400.0	0.00	0.00	9,317.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,500.0	0.00	0.00	9,417.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,600.0	0.00	0.00	9,517.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,700.0	0.00	0.00	9,617.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,754.6	0.00	0.00	9,672.5	-175.0	980.5	-180.5	0.00	0.00	0.00
3rd Bone Spring Carb									
9,800.0	0.00	0.00	9,717.9	-175.0	980.5	-180.5	0.00	0.00	0.00
9,900.0	0.00	0.00	9,817.9	-175.0	980.5	-180.5	0.00	0.00	0.00
10,000.0	0.00	0.00	9,917.9	-175.0	980.5	-180.5	0.00	0.00	0.00
10,100.0	0.00	0.00	10,017.9	-175.0	980.5	-180.5	0.00	0.00	0.00
10,200.0	0.00	0.00	10,117.9	-175.0	980.5	-180.5	0.00	0.00	0.00
10,300.0	0.00	0.00	10,217.9	-175.0	980.5	-180.5	0.00	0.00	0.00
10,400.0	0.00	0.00	10,317.9	-175.0	980.5	-180.5	0.00	0.00	0.00
10,431.1	0.00	0.00	10,349.0	-175.0	980.5	-180.5	0.00	0.00	0.00
3rd Bone Spring Sand									
10,500.0	0.00	0.00	10,417.9	-175.0	980.5	-180.5	0.00	0.00	0.00
10,600.0	0.00	0.00	10,517.9	-175.0	980.5	-180.5	0.00	0.00	0.00
10,700.6	0.00	0.00	10,618.5	-175.0	980.5	-180.5	0.00	0.00	0.00
10,734.1	3.35	359.68	10,652.0	-174.0	980.5	-179.5	10.00	10.00	0.00
3rd BS W Sand									
10,750.0	4.94	359.68	10,667.9	-172.9	980.5	-178.3	10.00	10.00	0.00
10,800.0	9.94	359.68	10,717.4	-166.4	980.5	-171.9	10.00	10.00	0.00
10,826.6	12.60	359.68	10,743.5	-161.2	980.4	-166.7	10.00	10.00	0.00
Wolfcamp A X Sand									
10,850.0	14.94	359.68	10,766.2	-155.6	980.4	-161.1	10.00	10.00	0.00
10,900.0	19.94	359.68	10,813.9	-140.6	980.3	-146.1	10.00	10.00	0.00
10,927.4	22.69	359.68	10,839.5	-130.7	980.3	-136.1	10.00	10.00	0.00
Wolfcamp A Y Sand									
10,950.0	24.94	359.68	10,860.1	-121.6	980.2	-127.0	10.00	10.00	0.00
11,000.0	29.94	359.68	10,904.5	-98.5	980.1	-104.0	10.00	10.00	0.00
11,008.7	30.81	359.68	10,912.0	-94.1	980.0	-99.6	10.00	10.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Nailed It Fed Com #207H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3044.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3044.0usft
Site:	(Nailed It) Sec-36_T-26-S_R-30-E	North Reference:	Grid
Well:	Nailed It Fed Com #207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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)
Wolfcamp A Lower									
11,050.0	34.94	359.68	10,946.7	-71.7	979.9	-77.2	10.00	10.00	0.00
11,100.0	39.94	359.68	10,986.4	-41.3	979.8	-46.8	10.00	10.00	0.00
11,150.0	44.94	359.68	11,023.2	-7.6	979.6	-13.1	10.00	10.00	0.00
11,200.0	49.94	359.68	11,057.0	29.2	979.4	23.8	10.00	10.00	0.00
11,250.0	54.94	359.68	11,087.5	68.9	979.1	63.4	10.00	10.00	0.00
11,300.0	59.94	359.68	11,114.4	111.0	978.9	105.5	10.00	10.00	0.00
11,350.0	64.94	359.68	11,137.5	155.3	978.7	149.8	10.00	10.00	0.00
11,400.0	69.94	359.68	11,156.7	201.5	978.4	196.0	10.00	10.00	0.00
11,450.0	74.94	359.68	11,171.8	249.1	978.1	243.6	10.00	10.00	0.00
11,500.0	79.94	359.68	11,182.7	297.9	977.9	292.4	10.00	10.00	0.00
11,550.0	84.94	359.68	11,189.2	347.5	977.6	342.0	10.00	10.00	0.00
11,598.6	89.80	359.68	11,191.5	396.0	977.3	390.5	10.00	10.00	0.00
11,600.0	89.80	359.68	11,191.5	397.4	977.3	391.9	0.00	0.00	0.00
11,700.0	89.80	359.68	11,191.8	497.4	976.7	491.9	0.00	0.00	0.00
11,800.0	89.80	359.68	11,192.2	597.4	976.2	591.9	0.00	0.00	0.00
11,900.0	89.80	359.68	11,192.5	697.4	975.6	691.9	0.00	0.00	0.00
12,000.0	89.80	359.68	11,192.8	797.4	975.1	791.9	0.00	0.00	0.00
12,100.0	89.80	359.68	11,193.2	897.4	974.5	891.9	0.00	0.00	0.00
12,200.0	89.80	359.68	11,193.5	997.4	973.9	991.9	0.00	0.00	0.00
12,300.0	89.80	359.68	11,193.9	1,097.4	973.4	1,091.9	0.00	0.00	0.00
12,400.0	89.80	359.68	11,194.2	1,197.4	972.8	1,191.9	0.00	0.00	0.00
12,500.0	89.80	359.68	11,194.6	1,297.4	972.3	1,291.9	0.00	0.00	0.00
12,600.0	89.80	359.68	11,194.9	1,397.4	971.7	1,391.9	0.00	0.00	0.00
12,700.0	89.80	359.68	11,195.3	1,497.4	971.1	1,491.9	0.00	0.00	0.00
12,800.0	89.80	359.68	11,195.6	1,597.4	970.6	1,591.9	0.00	0.00	0.00
12,900.0	89.80	359.68	11,196.0	1,697.4	970.0	1,691.9	0.00	0.00	0.00
13,000.0	89.80	359.68	11,196.3	1,797.4	969.5	1,791.9	0.00	0.00	0.00
13,100.0	89.80	359.68	11,196.7	1,897.4	968.9	1,891.9	0.00	0.00	0.00
13,200.0	89.80	359.68	11,197.0	1,997.4	968.3	1,991.9	0.00	0.00	0.00
13,300.0	89.80	359.68	11,197.4	2,097.3	967.8	2,091.9	0.00	0.00	0.00
13,400.0	89.80	359.68	11,197.7	2,197.3	967.2	2,191.9	0.00	0.00	0.00
13,500.0	89.80	359.68	11,198.0	2,297.3	966.7	2,291.9	0.00	0.00	0.00
13,600.0	89.80	359.68	11,198.4	2,397.3	966.1	2,391.9	0.00	0.00	0.00
13,700.0	89.80	359.68	11,198.7	2,497.3	965.6	2,491.9	0.00	0.00	0.00
13,800.0	89.80	359.68	11,199.1	2,597.3	965.0	2,591.9	0.00	0.00	0.00
13,900.0	89.80	359.68	11,199.4	2,697.3	964.4	2,691.9	0.00	0.00	0.00
14,000.0	89.80	359.68	11,199.8	2,797.3	963.9	2,791.9	0.00	0.00	0.00
14,100.0	89.80	359.68	11,200.1	2,897.3	963.3	2,891.9	0.00	0.00	0.00
14,200.0	89.80	359.68	11,200.5	2,997.3	962.8	2,991.9	0.00	0.00	0.00
14,300.0	89.80	359.68	11,200.8	3,097.3	962.2	3,091.9	0.00	0.00	0.00
14,400.0	89.80	359.68	11,201.2	3,197.3	961.6	3,191.9	0.00	0.00	0.00
14,500.0	89.80	359.68	11,201.5	3,297.3	961.1	3,291.9	0.00	0.00	0.00
14,600.0	89.80	359.68	11,201.9	3,397.3	960.5	3,391.9	0.00	0.00	0.00
14,700.0	89.80	359.68	11,202.2	3,497.3	960.0	3,491.9	0.00	0.00	0.00
14,800.0	89.80	359.68	11,202.6	3,597.3	959.4	3,591.9	0.00	0.00	0.00
14,900.0	89.80	359.68	11,202.9	3,697.3	958.8	3,691.9	0.00	0.00	0.00
15,000.0	89.80	359.68	11,203.2	3,797.3	958.3	3,791.9	0.00	0.00	0.00
15,100.0	89.80	359.68	11,203.6	3,897.3	957.7	3,891.9	0.00	0.00	0.00
15,200.0	89.80	359.68	11,203.9	3,997.3	957.2	3,991.9	0.00	0.00	0.00
15,300.0	89.80	359.68	11,204.3	4,097.3	956.6	4,091.9	0.00	0.00	0.00
15,400.0	89.80	359.68	11,204.6	4,197.3	956.0	4,191.9	0.00	0.00	0.00
15,500.0	89.80	359.68	11,205.0	4,297.3	955.5	4,291.9	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Nailed It Fed Com #207H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3044.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3044.0usft
Site:	(Nailed It) Sec-36_T-26-S_R-30-E	North Reference:	Grid
Well:	Nailed It Fed Com #207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

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)
15,586.7	89.80	359.68	11,205.3	4,384.0	955.0	4,378.6	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (Nailed It Fed Co - plan misses target center by 201.7usft at 11176.3usft MD (11041.4 TVD, 11.4 N, 979.5 E) - Point	0.00	0.00	11,190.0	-125.0	980.0	364,254.00	696,082.00	32° 0' 1.556 N	103° 50' 2.900 W
PBHL (Nailed It Fed C - plan hits target center - Rectangle (sides W100.0 H4,513.0 D40.0)	0.20	359.68	11,205.3	4,384.0	955.0	368,763.00	696,057.00	32° 0' 46.178 N	103° 50' 2.948 W
LTP (Nailed It Fed Co - plan misses target center by 0.9usft at 15456.7usft MD (11204.8 TVD, 4254.0 N, 955.7 E) - Point	0.00	0.01	11,205.3	4,254.0	955.0	368,633.00	696,057.00	32° 0' 44.892 N	103° 50' 2.955 W

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,066.0	1,066.0	Rustler Anhydrite				
1,301.0	1,301.0	Top Salt				
3,400.8	3,382.0	Base Salt				
3,599.3	3,577.5	Lamar				
3,599.8	3,578.0	Delaware Mountain Gp				
3,623.1	3,601.0	Bell Canyon				
3,637.4	3,615.0	Ramsey Sand				
4,832.5	4,792.0	Cherry Canyon				
5,774.8	5,720.0	Brushy Canyon				
7,591.7	7,511.0	Bone Spring Lime				
7,687.2	7,606.0	Upper Avalon				
8,062.5	7,980.5	Middle Avalon				
8,342.1	8,260.0	Lower Avalon				
8,522.1	8,440.0	1st Bone Spring Sand				
9,014.1	8,932.0	2nd Bone Spring Carb				
9,192.6	9,110.5	2nd Bone Spring Sand				
9,754.6	9,672.5	3rd Bone Spring Carb				
10,431.1	10,349.0	3rd Bone Spring Sand				
10,734.1	10,652.0	3rd BS W Sand				
10,826.6	10,743.5	Wolfcamp A X Sand				
10,927.4	10,839.5	Wolfcamp A Y Sand				
11,008.7	10,912.0	Wolfcamp A Lower				



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Nailed It Fed Com #207H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3044.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3044.0usft
Site:	(Nailed It) Sec-36_T-26-S_R-30-E	North Reference:	Grid
Well:	Nailed It Fed Com #207H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,500.0	1,500.0	0.0	0.0	NUDGE - Build 1.00
2,500.2	2,495.2	-15.3	85.7	HOLD - 4731.6 at 2500.2 MD
7,231.8	7,154.8	-159.7	894.8	DROP - -1.00
8,232.1	8,150.0	-175.0	980.5	HOLD - 2468.5 at 8232.1 MD
10,700.6	10,618.5	-175.0	980.5	KOP - DLS 10.00 TFO 359.68
11,598.6	11,191.5	396.0	977.3	EOC - 3988.1 hold at 11598.6 MD
15,586.7	11,205.3	4,384.0	955.0	TD at 15586.7



Drilling Operations Plan
 Nailed It Fed Com #207H
 Tap Rock Operating, LLC
 SHL 230' FSL & 1865' FWL, Sec. 36
 BHL 2465' FSL & 2486' FEL, Sec. 25
 T. 26S., R. 30E Eddy County, NM

Elevation above Sea Level: 3018'

DRILLING PROGRAM

1. Estimated Tops

Formation	TVD	MD	Lithologies	Bearing
Quaternary Deposits	0	0	Surface	None
Rustler Anhydrite	1066	1066		Salt
Salado	1301	1301	Salt	Salt
Base Salt	3382	3401	Salt	Salt
Bell Canyon	3615	3637	Sandstone	None
Lamar	3615	3637	Sandstone	Hydrocarbons
Cherry Canyon	4792	4833	Sandstone	Hydrocarbons
Brushy Canyon	5720	5775	Sandstone	Hydrocarbons
Bone Spring	7511	7592	Limestone	Hydrocarbons
1st Bone Spring	8440	8522	Sandstone	Hydrocarbons
2nd Bone Spring	8932	9014	Limestone	Hydrocarbons
3rd Bone Spring	10349	10431	Sandstone	Hydrocarbons
Wolfcamp	10744	10827	Shale	Hydrocarbons
KOP	10618	10700	Sandstone	Hydrocarbons
TD	11205	15586	Shale	Hydrocarbons

2. Notable Zones

Wolfcamp is the target formation.

3. Pressure Control

Pressure Control Equipment (See Schematics):

A 15,000', 5,000 psi BOP stack consisting of 3 rams with 2 pipe rams, 1 blind ram, and 1 annular preventer will be used below surface casing to TD. See attachments for BOP and choke manifold diagrams. Also present will be an accumulator that meets the requirements of Onshore Order #2 for the pressure rating of the BOP stack. A rotating head will also be installed as needed. BOP will be inspected and operated as recommended in Onshore Order #2. A top drive check valve and sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position. The wellhead will be a multi-bowl speed head.

BOP Test procedure will be as follows:



Drilling Operations Plan
Nailed It Fed Com #207H
Tap Rock Operating, LLC
SHL 230' FSL & 1865' FWL, Sec. 36
BHL 2465' FSL & 2486' FEL, Sec. 25
T. 26S., R. 30E Eddy County, NM

After surface casing is set and the BOP is nipped up, the BOP pressure tests will be made with a third party tester to 250 psi low, 5000 psi high, and the annular preventer will be tested to 2,500 psi. The BOP will be tested in this manner after nipple-up if any break of the stack occurs.

Variance Requests:

Tap Rock requests a variance to run a multi-bowl speed head for setting the Intermediate 1, Intermediate 2, and Production Strings. Tap Rock requests a variance to drill this well using a co-flex line between the BOP and choke manifold. Certification for proposed co-flex hose is attached. The hose is not required by the manufacturer to be anchored. In the event the specific hose is not available, one of equal or higher rating will be used. Tap Rock requests a variance to have the option of batch drilling this well with other wells on the same pad. In the event that this well is batch drilled, after drilling surface, 1st intermediate, and 2nd intermediate hole sections and cementing 2nd intermediate casing, a 10M dry hole cap with bleed off valve will be installed. The rig will then walk to another well on the pad. When the rig returns to this well and BOPs are installed, the operator will perform a full BOP test. Tap Rock requests a variance to run 7-5/8" BTC casing inside 9-5/8" BTC casing will be less than the 0.422" stand off regulation. Through conversations with BLM representatives, Tap Rock has received approval for this design as long as the 7-5/8" flush casing was run throughout the entire 300' cement tie back section between 9-5/8" and 7-5/8" casing.

Tap Rock requests approval to possibly utilize a spudder rig to drill and set casing for the surface interval on this well. The spudder rig will be possibly utilized in order to reduce cost and save time. The wellhead will be installed and tested as soon as the surface casing is cut off per the existing COAs. A blind flange with the same pressure rating as the wellhead will be installed on the well. Once the spudder rig is removed, Tap Rock will secure the wellhead area by placing a guard rail around the cellar. Pressure will be monitored and a means for intervention will be maintained while the drilling rig is not over the well. Spudder rig operations are expected to take 2-3 days per well. Three wells on the pad will have surface casing set by the spudder rig as a part of this operation. The BLM will be notified 24 hours prior to commencing spudder rig operations. Within 90 days of the departure of the spudder rig, drilling operations will recommence on these wells. This rig will have a BOP stack equal or greater to the pressure rating required in the COAs. The BLM will be notified 24 hours before the larger rig moves on the pre-set wells. Tap Rock will have supervision on the spudder rig to ensure compliance with all BLM and NMOCD regulations.

If a DV tool is ran, the depth will be adjusted depending on current hole conditions. Cement volumes will be adjusted proportionally. The DV tool will be set a minimum of 50' below the previous casing shoe and a maximum of 200' above the current casing shoe. If cement is not circulated to surface on the 1st cement job, the 2nd stage will be pumped as planned. If cement does not return to surface on the 2nd stage the BLM will be notified immediately.



Drilling Operations Plan
Nailed It Fed Com #207H
Tap Rock Operating, LLC
SHL 230' FSL & 1865' FWL, Sec. 36
BHL 2465' FSL & 2486' FEL, Sec. 25
T. 26S., R. 30E Eddy County, NM

4. Casing & Cement

All Casing will be new.

Section	Hole Size	Casing Size	Standard	Tapered	Top MD	Bottom MD	Top TVD	BTM TVD	Grade	Weight	Thread	Collapse	Burst	Tension
Surface	17 1/2	13 3/8	API	No	0	1141	0	1141	J-55	54.5	BUTT	1.13	1.15	1.6
1st Intermediate	12 1/4	9 5/8	API	No	0	3687	0	3665	J-55	40	BUTT	1.13	1.15	1.6
2nd Intermediate	8 3/4	7 5/8	API	No	0	3387	0	3365	P-110	29.7	BUTT	1.13	1.15	1.6
2nd Intermediate	8 3/4	7 5/8	NON API	Yes	3387	10600	3365	10518	P-110	29.7	W-441	1.13	1.15	1.6
Production	6 3/4	5 1/2	NON API	No	0	10400	0	10318	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4	5	NON API	No	10400	15586	10318	11205	P-110	18	W-521	1.13	1.15	1.6

Section	Drilled Interval			Casing Size	Standard	Tapered	Casing Set Depths				Casing Details					
	Hole Size	Top	Btm				Top MD	Bottom MD	Top TVD	BTM TVD	Grade	Weight	Thread	Collapse	Burst	Tension
Surface	17 1/2	0	1151	13 3/8	API	No	0	1141	0	1141	J-55	54.5	BUTT	1.13	1.15	1.6
Intermediate	9 7/8	1151	8000	7 5/8	API	No	0	7700	0	7645	P-110	29.7	BUTT	1.13	1.15	1.6
	8 3/4	8000	10610	7 5/8	NON API	Yes	7700	10600	7645	10518	P-110	29.7	W-441	1.13	1.15	1.6
Production	6 3/4	10610	15586	5 1/2	NON API	No	0	10400	0	10318	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4			5	NON API	No	10400	15586	10318	11205	P-110	18	W-521	1.13	1.15	1.6

*OPTION TO RUN 3 STRING OR 4 STRING DESIGN

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Lead	0	624	1.65	1030	13.5	100%	C	5% NCI + LCM
	Tail	741	412	1.35	556	14.8	100%	C	5% NCI + LCM
1st Intermediate	Lead	0	699	2.18	1524	12.7	65%	C	Bentonite + 1% CaCl ₂ + 8% NaCl + LCM
	Tail	2950	287	1.33	381	14.8	65%	C	5% NaCl + LCM
2nd Intermediate	Lead	3387	294	2.87	843	11.5	35%	TXI	Fluid Loss + Dispersant + Retarder + LCM
	Tail	9600	87	1.56	136	13.2	35%	H	Fluid Loss + Dispersant + Retarder + LCM
Production	Tail	10100	450	1.71	769	14.2	25%	H	Fluid Loss + Dispersant + Retarder + LCM

Name		Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface		Lead	0	624	1.65	1030	13.5	100%	C	5% NCI + LCM
		Tail	741	422	1.35	570	14.8	100%	C	5% NCI + LCM
Intermediate	Stage 1	Lead	0	1292	2.4	3100	11.5	65%	C	Fluid Loss + Dispersant + Retarder + LCM
		Tail	9600	106	1.56	166	13.2	65%	C	Fluid Loss + Dispersant + Retarder + LCM
	Stage 2	Primary	0	535	2.4	1284	11.5	65%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
		DVT	3637							
Production		Primary	10100	450	1.71	769	14.2	25%	H	Fluid Loss + Dispersant + Retarder + LCM

*OPTION TO RUN DV TOOL IF NECESSARY

5. Mud Program

Name	Top	Bottom	Type	Mud Weight	Visc	Fluid Loss
Surface	0	1141	FW Spud Mud	8.30	28	NC
Intermediate	1141	3687	Brine Water	10.00	30-32	NC
Intermediate 2	3687	10600	FW/Cut Brine	9.00	30-32	NC
Production	10600	15586	Oil Base Mud	11.50	50-70	<10

Name	Top	Bottom	Type	Mud Weight	Visc	Fluid Loss
Surface	0	1141	FW Gel	8.30	28	NC
Intermediate	1141	10610	Brine Water	10.00	30-32	NC
Production	10610	15586	Oil Base Mud	11.50	50-70	<10



Drilling Operations Plan
Nailed It Fed Com #207H
Tap Rock Operating, LLC
SHL 230' FSL & 1865' FWL, Sec. 36
BHL 2465' FSL & 2486' FEL, Sec. 25
T. 26S., R. 30E Eddy County, NM

Electronic Pason mud monitor system complying with Onshore Order 1 will be used. All necessary mud products (e. g., barite, cedar bark) for weight addition and fluid loss control will always be on site. Mud program is subject to change due to hole conditions. A closed loop system will be used.

6. Cores, Tests, & Logs

- Electric Logging Program: No open-hole logs are planned at this time for the pilot hole.
- GR will be collected while drilling through the MWD tools from 9.625" casing shoe to TD.
- A 2-person mud logging program will be used from 9.625" casing shoe to TD.
- No DSTs or cores are planned at this time.
- CBL w/ CCL from as far as gravity will let it fall to TOC.

7. Down Hole Conditions

No abnormal pressure or temperature is expected. Maximum expected bottom hole pressure is $\approx 6,701$ psi. Expected bottom hole temperature is $\approx 160^{\circ}$ F.

Tap Rock does not anticipate that there will be enough H₂S from the surface to the Wolfcamp formations to meet the BLM's Onshore Order 6 requirements for the submission of an "H₂S Drilling Operation Plan" or "Public Protection Plan" for drilling and completing this well. Tap Rock has an H₂S safety package on all wells and an "H₂S Drilling Operations Plan" is attached. Adequate flare lines will be installed off the mud/gas separator where gas may be safely flared. All personnel will be familiar with all aspects of safe operation of equipment being used.

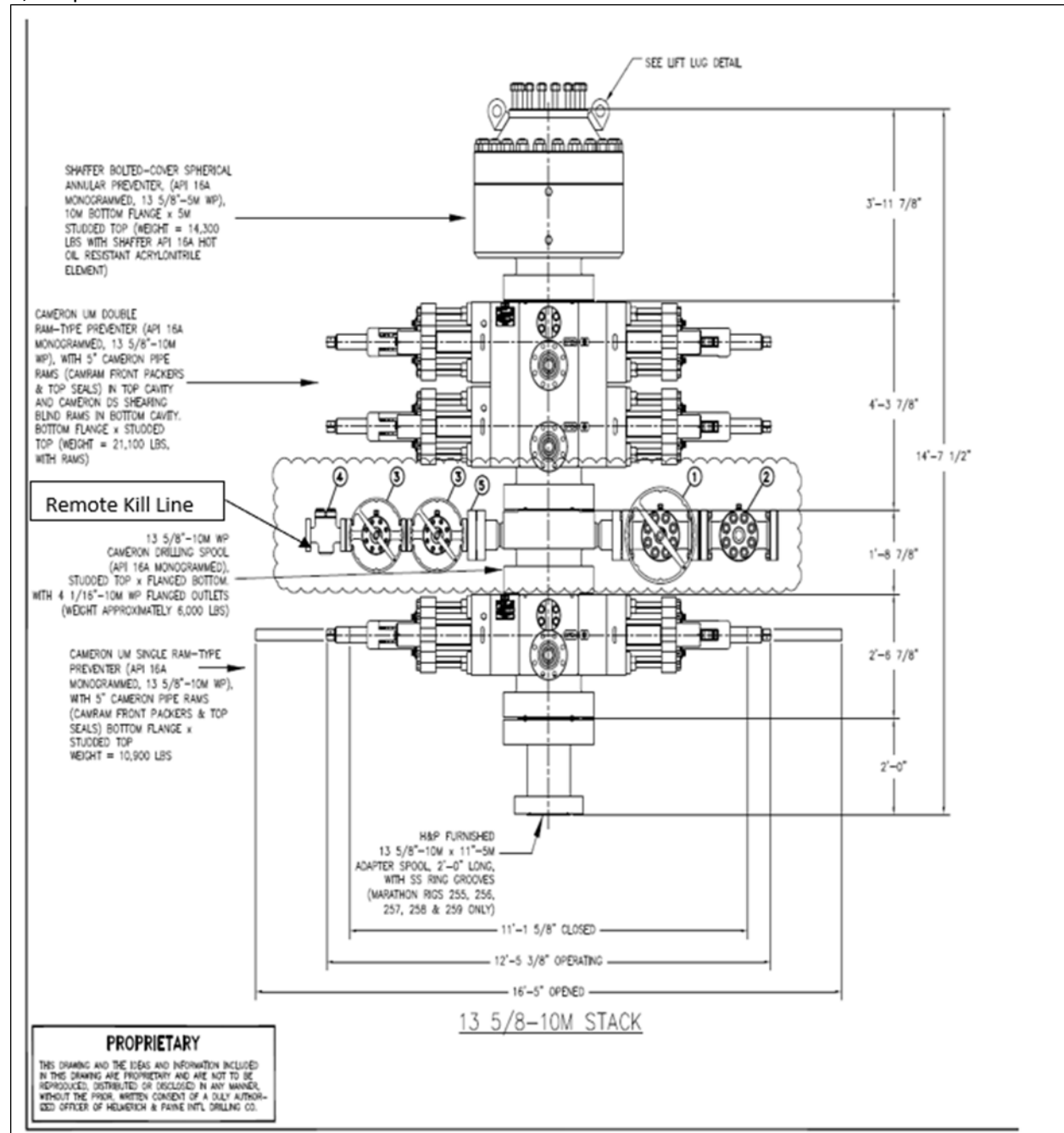
8. Other Information

Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved. Drilling expected to take 30 days. If production casing is run an additional 60 days will be required to complete and construct surface facilities.



Drilling Operations Plan
 Nailed It Fed Com #207H
 Tap Rock Operating, LLC
 SHL 230' FSL & 1865' FWL, Sec. 36
 BHL 2465' FSL & 2486' FEL, Sec. 25
 T. 26S., R. 30E Eddy County, NM

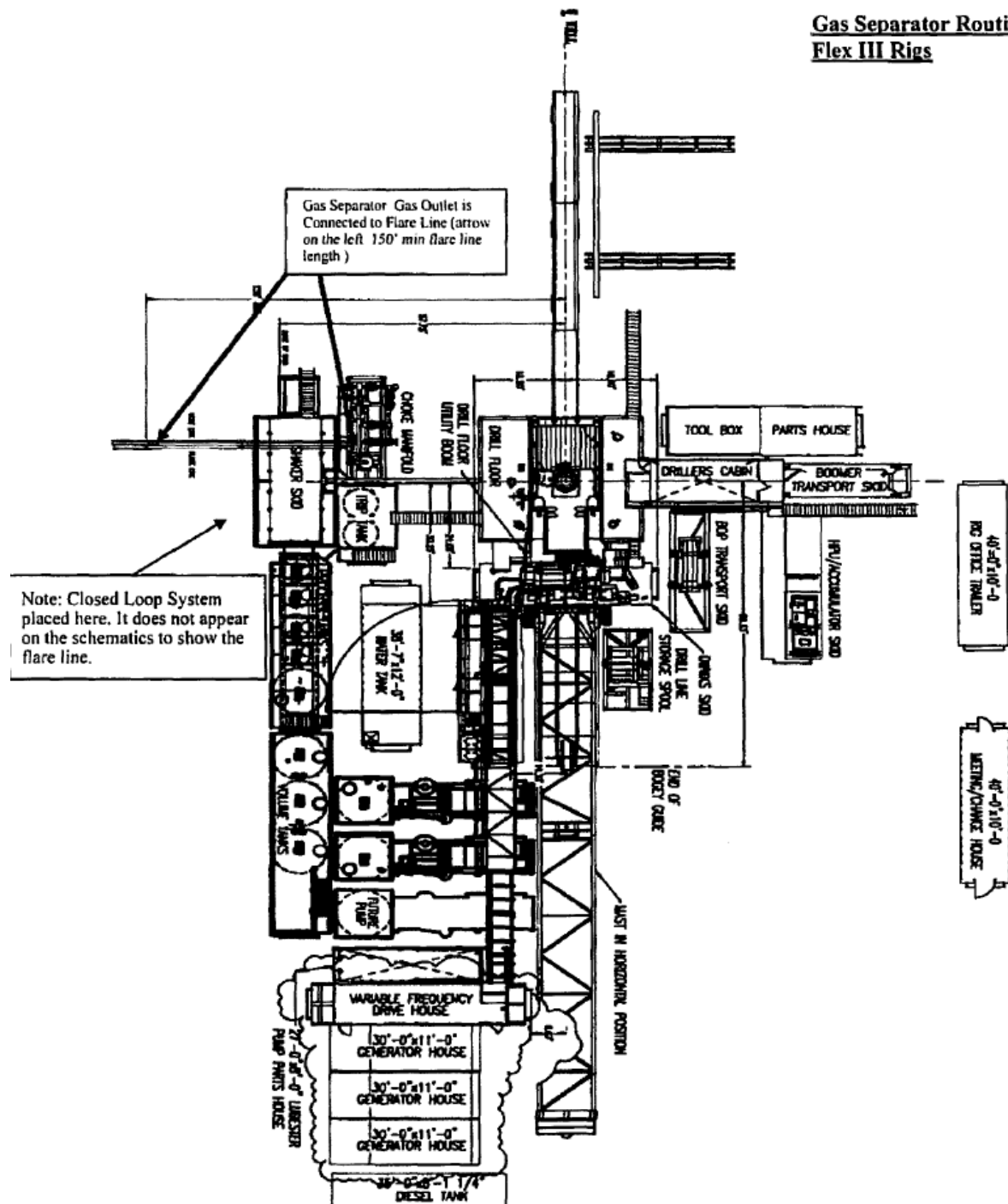
5,000 psi BOP Stack





Drilling Operations Plan
 Nailed It Fed Com #207H
 Tap Rock Operating, LLC
 SHL 230' FSL & 1865' FWL, Sec. 36
 BHL 2465' FSL & 2486' FEL, Sec. 25
 T. 26S., R. 30E Eddy County, NM

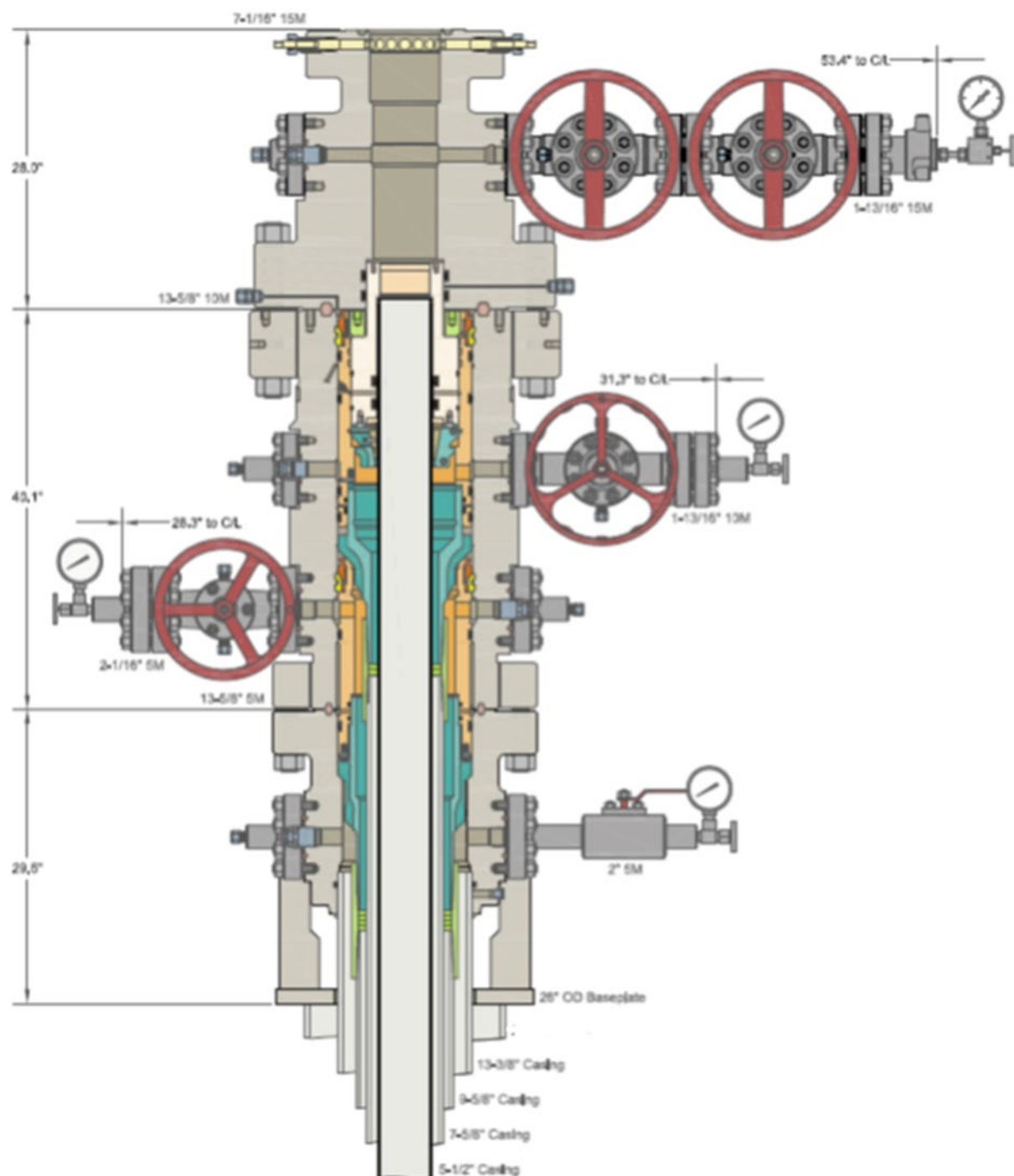
Gas Separator Routing Flex III Rigs





Drilling Operations Plan
 Nailed It Fed Com #207H
 Tap Rock Operating, LLC
 SHL 230' FSL & 1865' FWL, Sec. 36
 BHL 2465' FSL & 2486' FEL, Sec. 25
 T. 26S., R. 30E Eddy County, NM

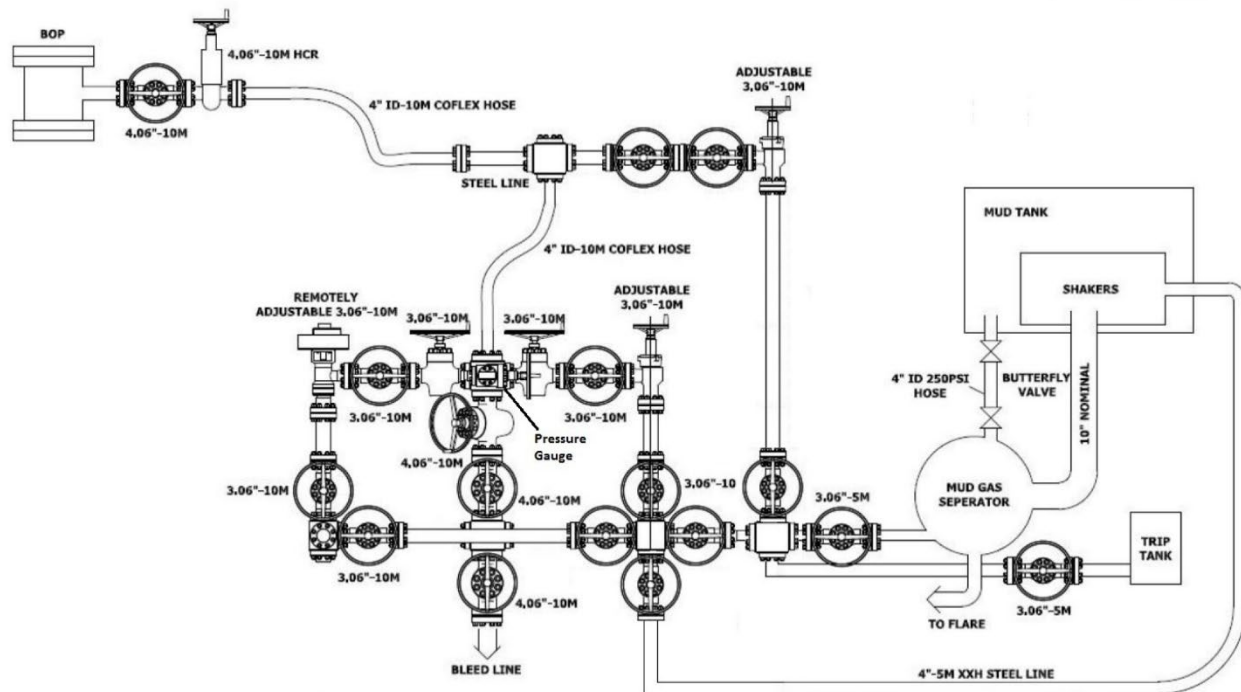
Multi-bowl Wellhead





Drilling Operations Plan
 Nailed It Fed Com #207H
 Tap Rock Operating, LLC
 SHL 230' FSL & 1865' FWL, Sec. 36
 BHL 2465' FSL & 2486' FEL, Sec. 25
 T. 26S., R. 30E Eddy County, NM

10M Choke Layout



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

COMMENTS

Action 42745

COMMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 42745
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 8/20/2021	8/20/2021

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 42745

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 42745
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	8/20/2021