

Well Name: MONEY GRAHAM FED COM	Well Location: T26S / R29E / SEC 32 / LOT 4 / 32.0007971 / -104.0015653	County or Parish/State: EDDY / NM
Well Number: 126Y	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM38636	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001549030	Well Status: Plugged and Abandoned	Operator: TAP ROCK OPERATING LLC

Notice of Intent

Sundry ID: 2682874

Type of Submission: Notice of Intent	Type of Action: Drilling Operations
Date Sundry Submitted: 07/19/2022	Time Sundry Submitted: 03:43
Date proposed operation will begin: 07/19/2022	

Procedure Description: As previously discussed with BLM, while drilling this well we became stuck and will be skidding over to spud the well using a new surface hole location, as reflected in this sundry. The completed lateral will remain the same. The original well will be named Money Graham Fed Com 126Y (API 30-025-49030). The well we will skid to spud will be named Money Graham Fed Com 126H and will be assigned a new API from NMOCD. The new SHL will be: Lot 4-32-26S-29E, 247' FSL 1019' FEL, Eddy County, NM. Lat: 32.0209654, Long: -104.0011009 Please see attached updated C-102 plat, drill plans, directional plans, and form 3160.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Money_Graham_Fed_Com_126H___New_BHL_BLM_Sundry_20220721_SIGNED_20220721083032.pdf
- Money_Graham_126H___Tap_Rock_Drilling_Plan_07_21_22_20220721082624.pdf
- Money_Graham_Fed_Com_126H_AC_Report_Plan_5_20220719154144.pdf
- Money_Graham_Fed_Com_126H_Plan_5_20220719154138.pdf
- LO_MONEY_GRAHAM_FED_COM_126H_REV2_S_20220719154127.pdf

Well Name: MONEY GRAHAM FED COM

Well Location: T26S / R29E / SEC 32 / LOT 4 / 32.0007971 / -104.0015653

County or Parish/State: EDDY / NM

Well Number: 126Y

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM38636

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001549030

Well Status: Plugged and Abandoned

Operator: TAP ROCK OPERATING LLC

Conditions of Approval

Specialist Review

Sec_32_26S_29E_NMP__Money_Graham_Fed_Com_126H_Lea_NMNM038636_Tap_Rock_COAs_20220721140653.pdf

Operator

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

Operator Electronic Signature: JEFFREY TRLICA

Signed on: JUL 21, 2022 08:30 AM

Name: TAP ROCK OPERATING LLC

Title: Regulatory Analyst

Street Address: 523 PARK POINT DRIVE SUITE 200

City: GOLDEN

State: CO

Phone: (720) 772-5910

Email address: JTRLICA@TAPRK.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CODY LAYTON

BLM POC Title: Assistant Field Manager Lands & Minerals

BLM POC Phone: 5752345959

BLM POC Email Address: clayton@blm.gov

Disposition: Approved

Disposition Date: 07/22/2022

Signature: Cody R. Layton

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 30-015-49749	² Pool Code 97876	³ Pool Name WC-15 G-03 S262932A; BONE SPRING
⁴ Property Code 326031	⁵ Property Name MONEY GRAHAM FED COM	
⁷ OGRID No. 372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁶ Well Number 126H
		⁹ Elevation 2868'

¹⁰Surface Location

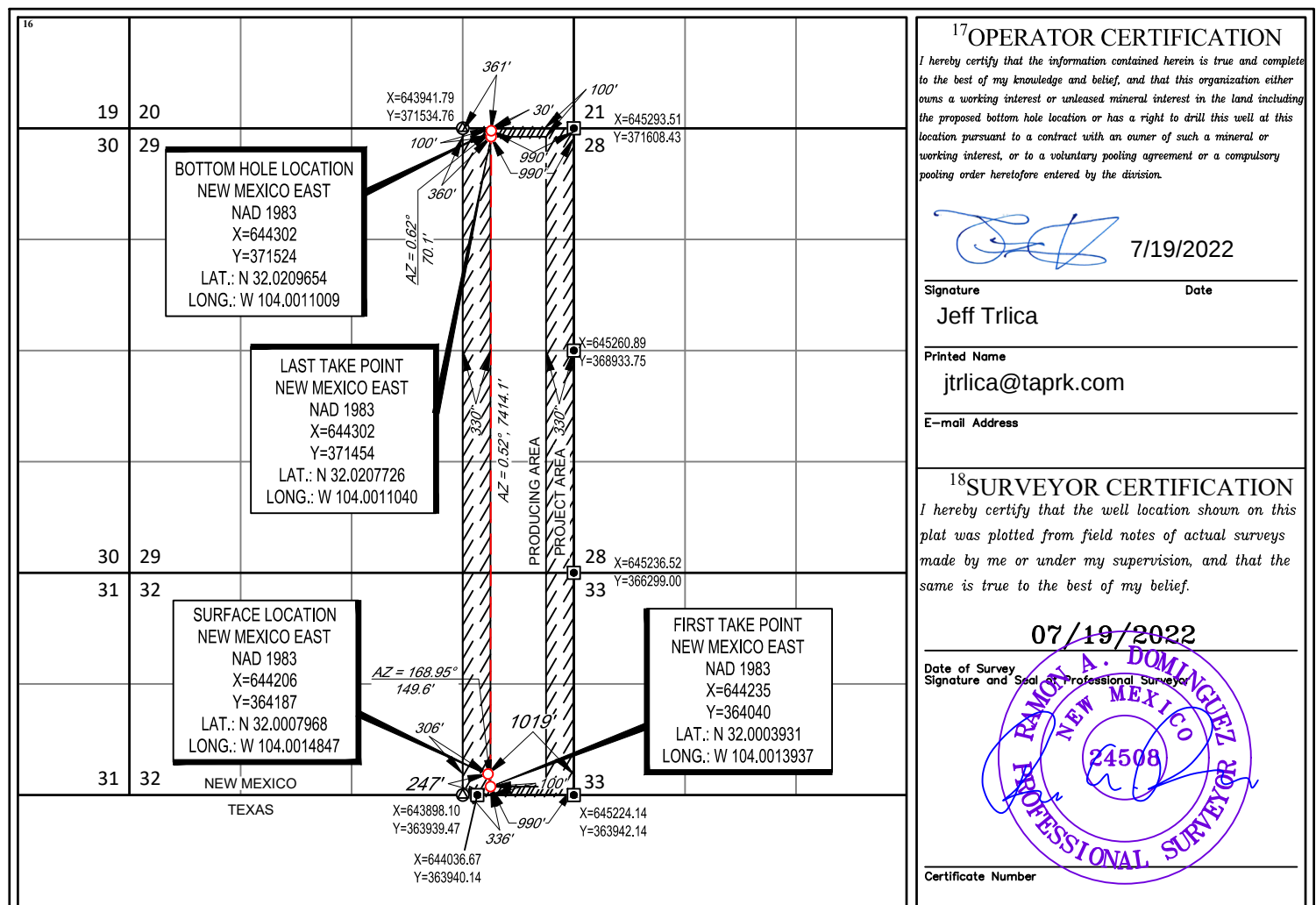
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	32	26-S	29-E	-	247'	SOUTH	1019'	EAST	EDDY

¹¹Bottom Hole Location If Different From Surface

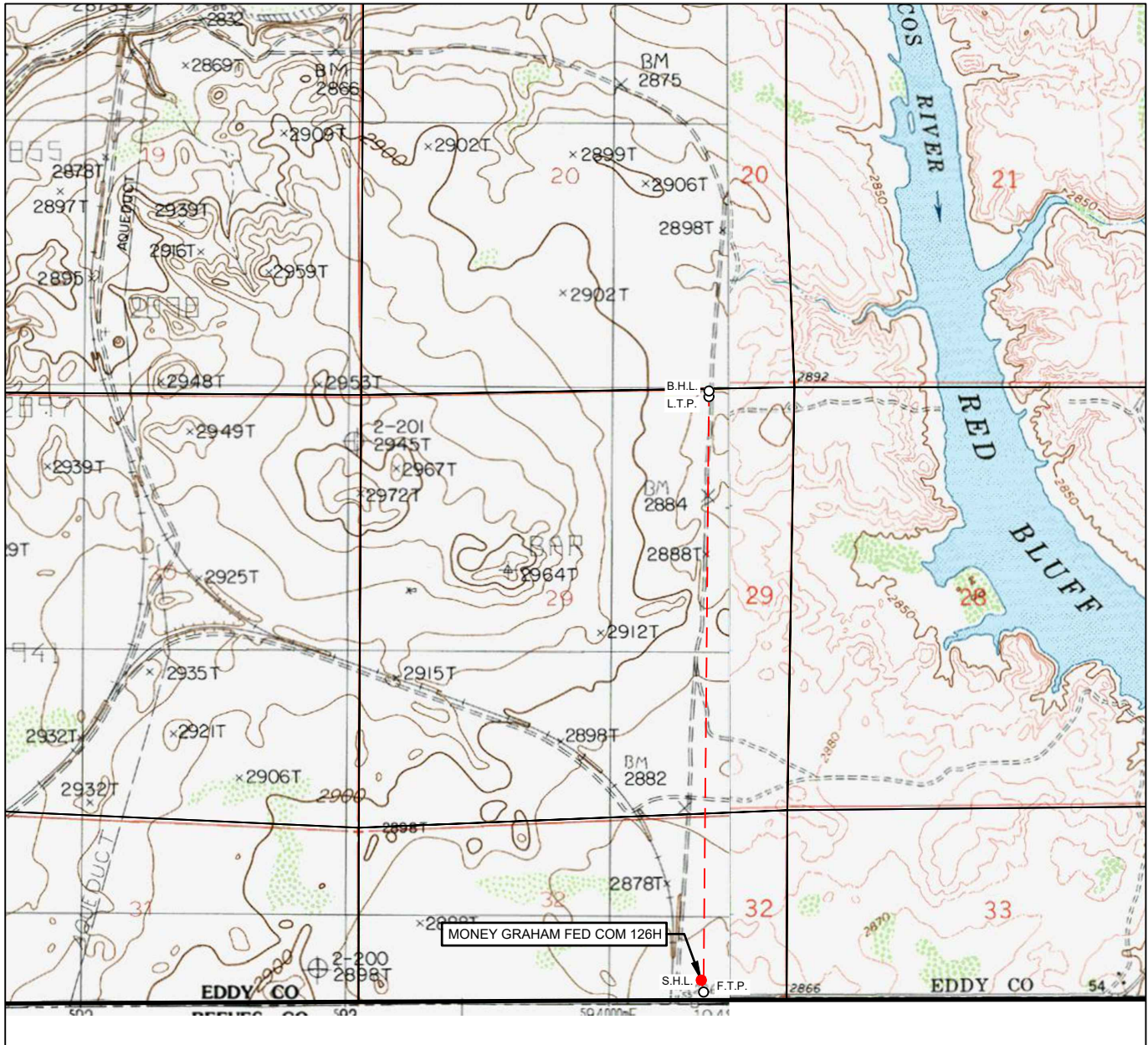
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	26-S	29-E	-	30'	NORTH	990'	EAST	EDDY

¹² Dedicated Acres 222.7	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



LOCATION & ELEVATION VERIFICATION MAP

LEASE NAME & WELL NO.: MONEY GRAHAM FED COM 126H

SECTION 32 TWP 26-S RGE 29-E SURVEY N.M.P.M.
 COUNTY EDDY STATE NM ELEVATION 2868'
 DESCRIPTION 247' FSL & 1019' FEL

LATITUDE N 32.0007968 LONGITUDE W 104.0014847

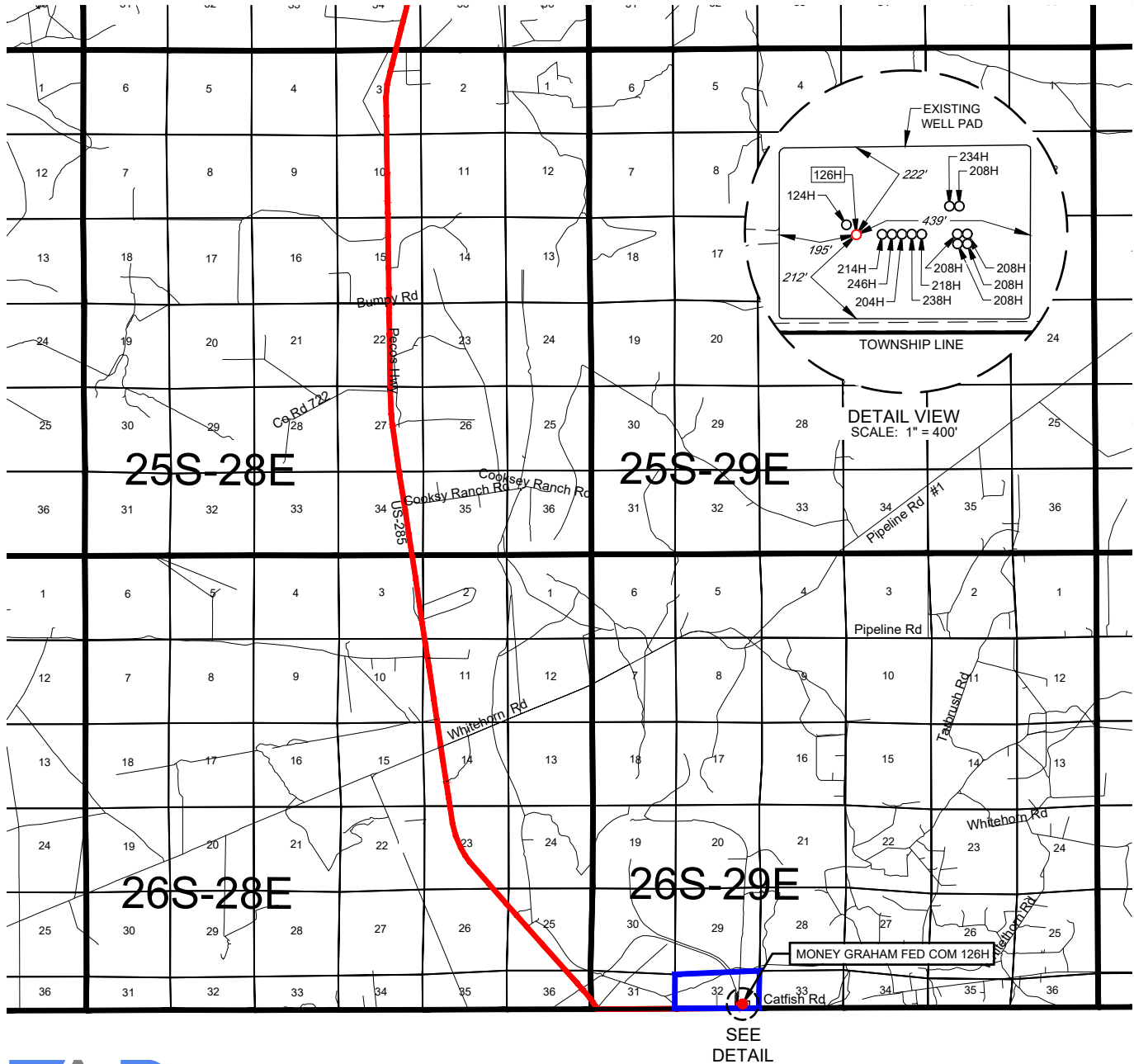
SCALE: 1" = 2000'
 0' 1000' 2000'

THIS EASEMENT/SERVITUDE 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.

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.



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

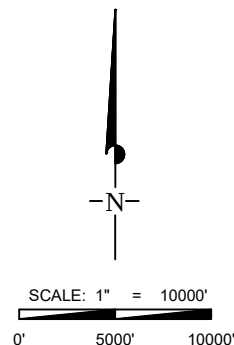
EXHIBIT 2
VICINITY MAPLEASE NAME & WELL NO.: MONEY GRAHAM FED COM 126HSECTION 32 TWP 26-S RGE 29-E SURVEY N.M.P.M.COUNTY EDDY STATE NMDESCRIPTION 247' FSL & 1019' FEL

DISTANCE & DIRECTION

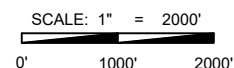
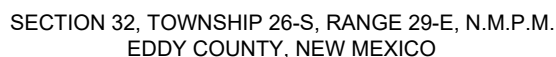
FROM INT. OF US-285 & BLACK RIVER VILLAGE RD.. GO SOUTH ON
 US-285 ±16.4 MILES, THENCE EAST (LEFT) ON CATFISH RD. ±1.7 MILES,
 THENCE NORTH (LEFT) ON LEASE RD. ±210 FEET, THENCE EAST
 (RIGHT) ON LEASE RD. ±223 FEET TO A POINT ±195 FEET WEST OF THE
 LOCATION.

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 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
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 TRANSACTION ONLY.

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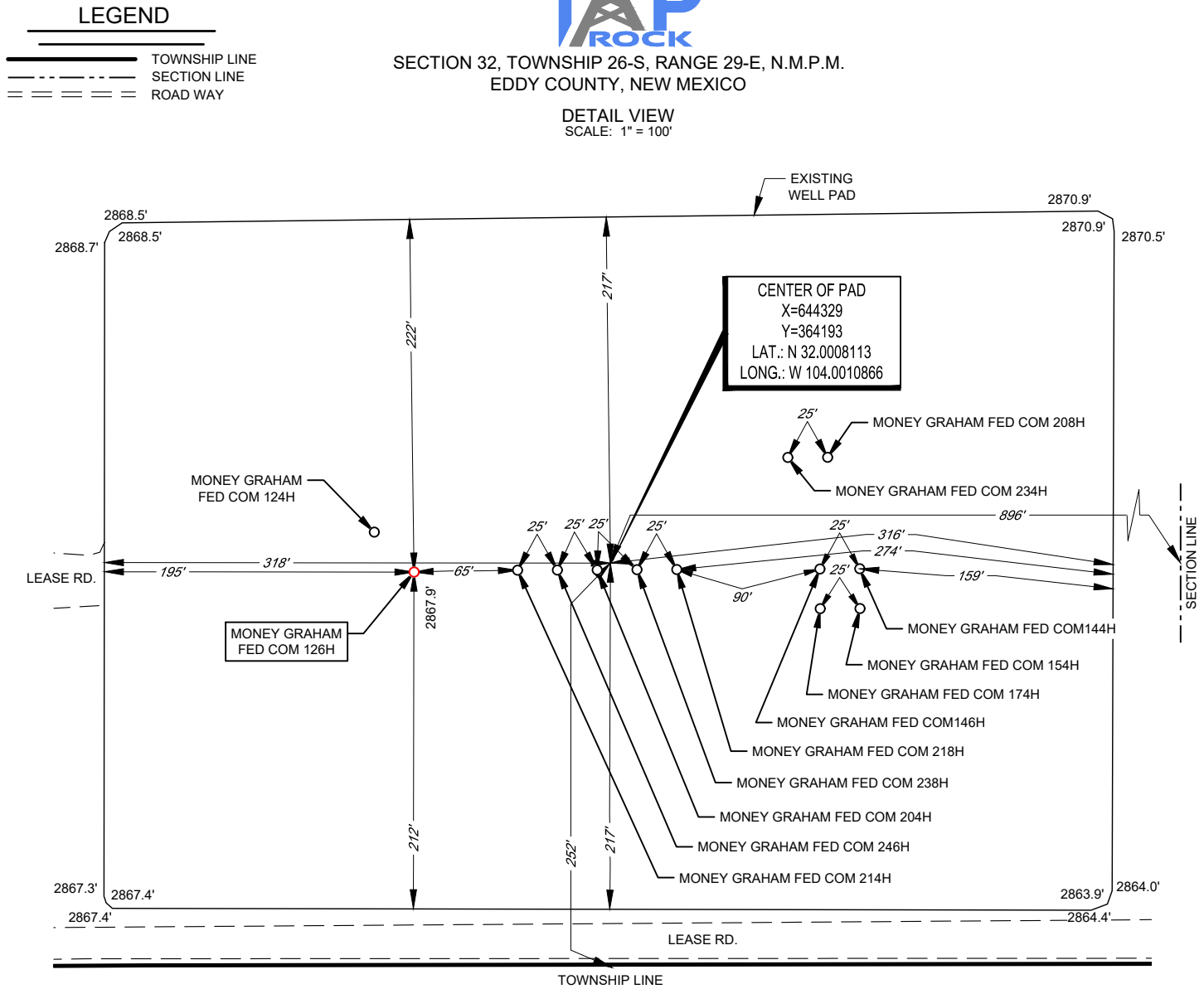
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 WWW.TOPOGRAPHIC.COM

EXHIBIT 2B



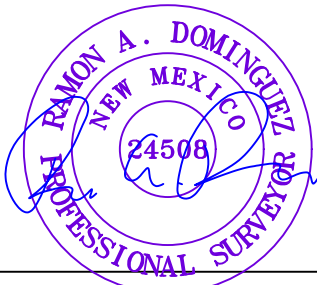
SECTION 32, TOWNSHIP 26-S, RANGE 29-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'

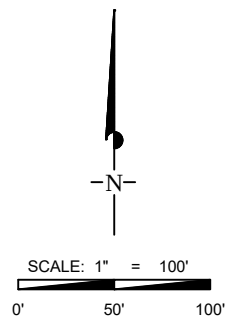


LEASE NAME & WELL NO.: MONEY GRAHAM FED COM 126H
126H LATITUDE N 32.0007968 126H LONGITUDE W 104.0014847

CENTER OF PAD IS 252' FSL & 896' FEL



RAMON A. DOMINGUEZ, P.S. NO. 24508



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. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO, ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. 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"



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WWW.TOPOGRAPHIC.COM



Drilling Operations Plan
Money Graham Fed Com #126H
Tap Rock Operating, LLC
SHL 247' FSL & 1019' FEL, Sec. 32
BHL 30' FNL & 990' FEL, Sec. 29
T. 26S., R. 29E Eddy County, NM

Elevation above Sea Level: 2868'

DRILLING PROGRAM

1. Estimated Tops

Formation	TVD	MD	Lithologies	Bearing
Quaternary Deposits	0	0	Surface	None
Rustler	500	500	Salt	Salt
Top Salt	945	945	Salt	Salt
Base Salt	2,540	2,547	Salt	Salt
DMG	2,725	2,733	Sandstone	None
Lamar	2,730	2,738	Sandstone	Hydrocarbons
Bell Canyon	2,760	2,768	Sandstone	Hydrocarbons
Ramsey Sand	2,785	2,794	Sandstone	Hydrocarbons
Cherry Canyon	3,630	3,641	Carbonate	Hydrocarbons
Brushy Canyon	5,245	5,256	Sandstone	Hydrocarbons
Bone Spring Lime	6,465	6,476	Carbonate	Hydrocarbons
Upper Avalon	6,550	6,561	Carbonate	Hydrocarbons
Middle Avalon	6,935	6,946	Carbonate	Hydrocarbons
Lower Avalon	7,145	7,156	Carbonate	Hydrocarbons
1st BS Sand	7,365	7,376	Sandstone	Hydrocarbons
2nd BS Carb	7,800	7,811	Carbonate	Hydrocarbons
2nd BS Sand	7,920	7,933	Sandstone	Hydrocarbons
KOP	7757	7768	Carbonate	Hydrocarbons
TD	8379	15641	Carbonate	Hydrocarbons

2. Notable Zones

2nd Bone Spring Sand is the formation target.

3. Pressure Control

Pressure Control Equipment (See Schematics):

At 15,641', a 5M pressure control system is required. The 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:

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 250 psi low, 2500 psi high. The BOP will be tested in this manner after nipple-up if any break of the stack occurs.



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Variance Requests:

Tap Rock requests a variance to run a multi-bowl speed head for setting the Intermediate 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 cementing a casing string, a 5M 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 use a 5000 psi annular BOP on a 10M BOP stack. The annular will be tested to 250 psi low and 2,500 psi high.

4. Casing & Cement

All Casing will be new.

Casing Design:

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	575	13 3/8	API	No	0	575	0	575	J-55	54.5	BUTT	1.13	1.15	1.6
Intermediate	12 1/4	575	2788	9 5/8	API	No	0	2788	0	2780	J-55	40	BUTT	1.13	1.15	1.6
Production	8 3/4	2788	7768	5 1/2	NON API	No	0	7768	0	7757	P-110	20	TXP	1.13	1.15	1.6
	7 7/8	7768	15641	5 1/2	NON API	No	7768	15641	7757	8379	P-110	20	TXP	1.13	1.15	1.6

Cement Volumes:

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Lead	0	210	1.82	382	13.5	100%	C	5% NCI + LCM
	Tail	275	311	1.34	417	14.8	100%	C	5% NCI + LCM
Intermediate	Lead	0	260	3.21	836	11.0	65%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	1788	306	1.33	407	14.8	30%	C	5% NaCl + LCM
Production	Lead	2588	378	4.13	1562	10.5	20%	H	Fluid Loss + Dispersant + Retarder + LCM
	Tail	7768	1749	1.53	2676	13.2	20%	H	Fluid Loss + Dispersant + Retarder + LCM

5. Mud Program

Mud Design:

Name	Top	Bottom	Type	Mud Weight	Visc	Fluid Loss
Surface	0	575	FW Spud Mud	8.40	28	NC
Intermediate	575	2788	Brine Water	10.00	27-30	NC
Production	2788	15641	Cut Brine	9.00	27-30	NC

Electronic Pason mud monitor system complying with Onshore Order 1 will be used. All necessary mud products (i.e., barite, pac) 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.



Drilling Operations Plan
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Tap Rock Operating, LLC
SHL 247' FSL & 1019' FEL, Sec. 32
BHL 30' FNL & 990' FEL, Sec. 29
T. 26S., R. 29E Eddy County, NM

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 KOP to TD.
- A 2-person mud logging program will be used from KOP 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 $\approx 3,921$ psi. Expected bottom hole temperature is $\approx 170^{\circ}$ F.

Tap Rock does not anticipate that there will be enough H₂S from the surface to the 2nd Bone Spring Sand 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.

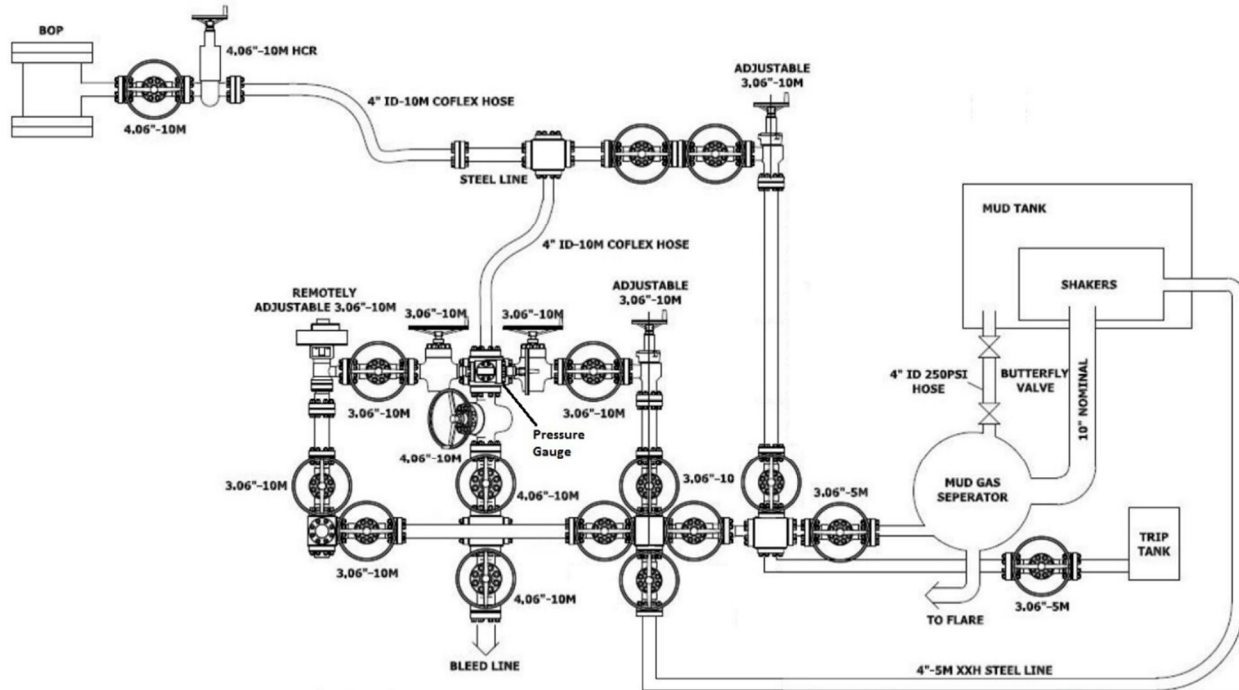
8. Other Information

This is an existing pad. This well is a replacement for the Money Graham Fed Com 126Y which had a surface casing part and will be P&A'd. Drilling expected to take 11 days. If production casing is run an additional 60 days will be required to complete and construct surface facilities.



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 T. 26S., R. 29E Eddy County, NM

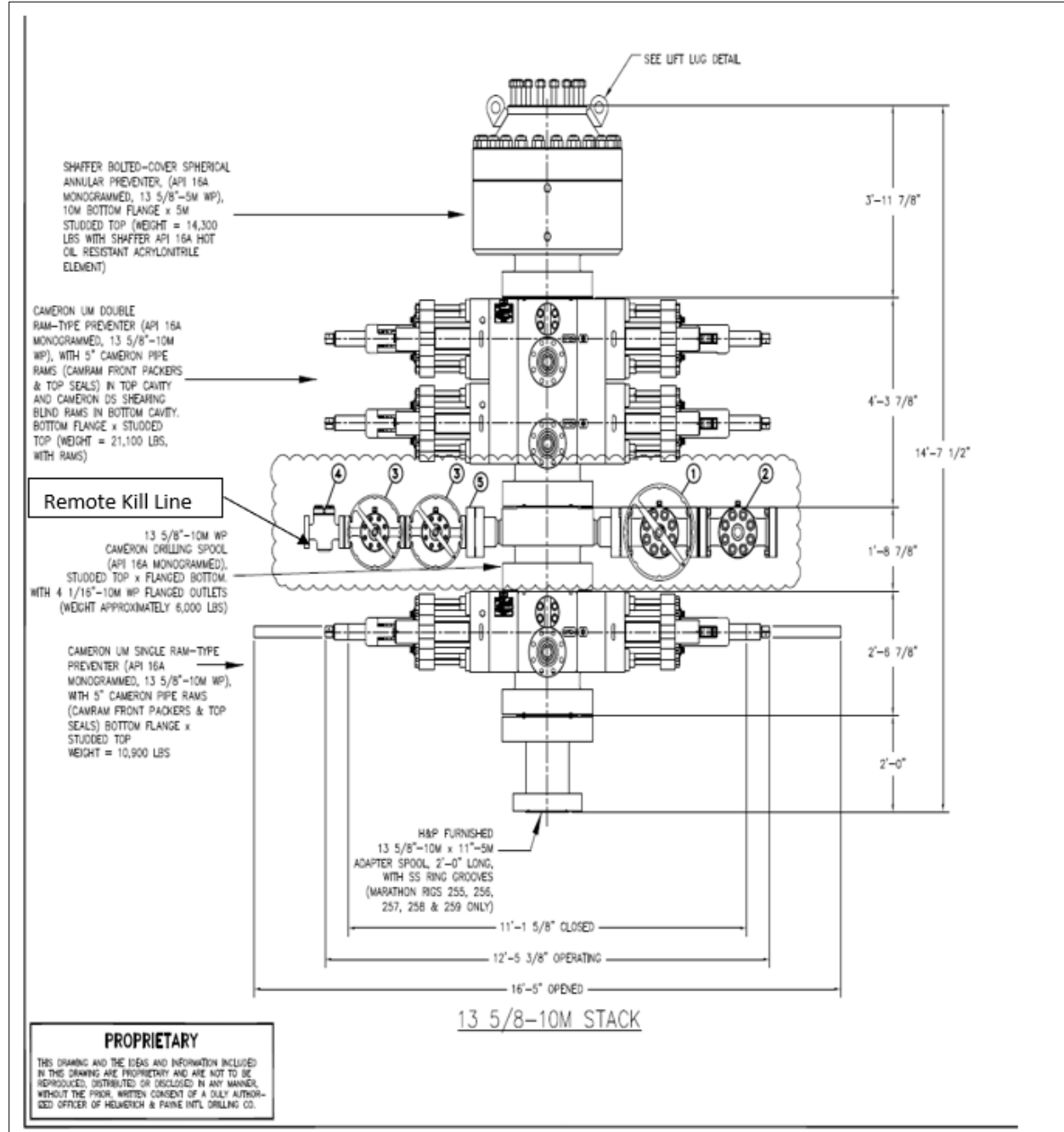
10M Choke Layout

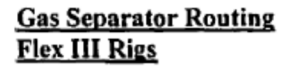
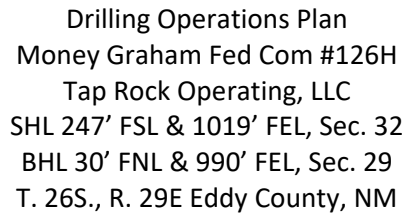




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10,000 psi BOP Stack

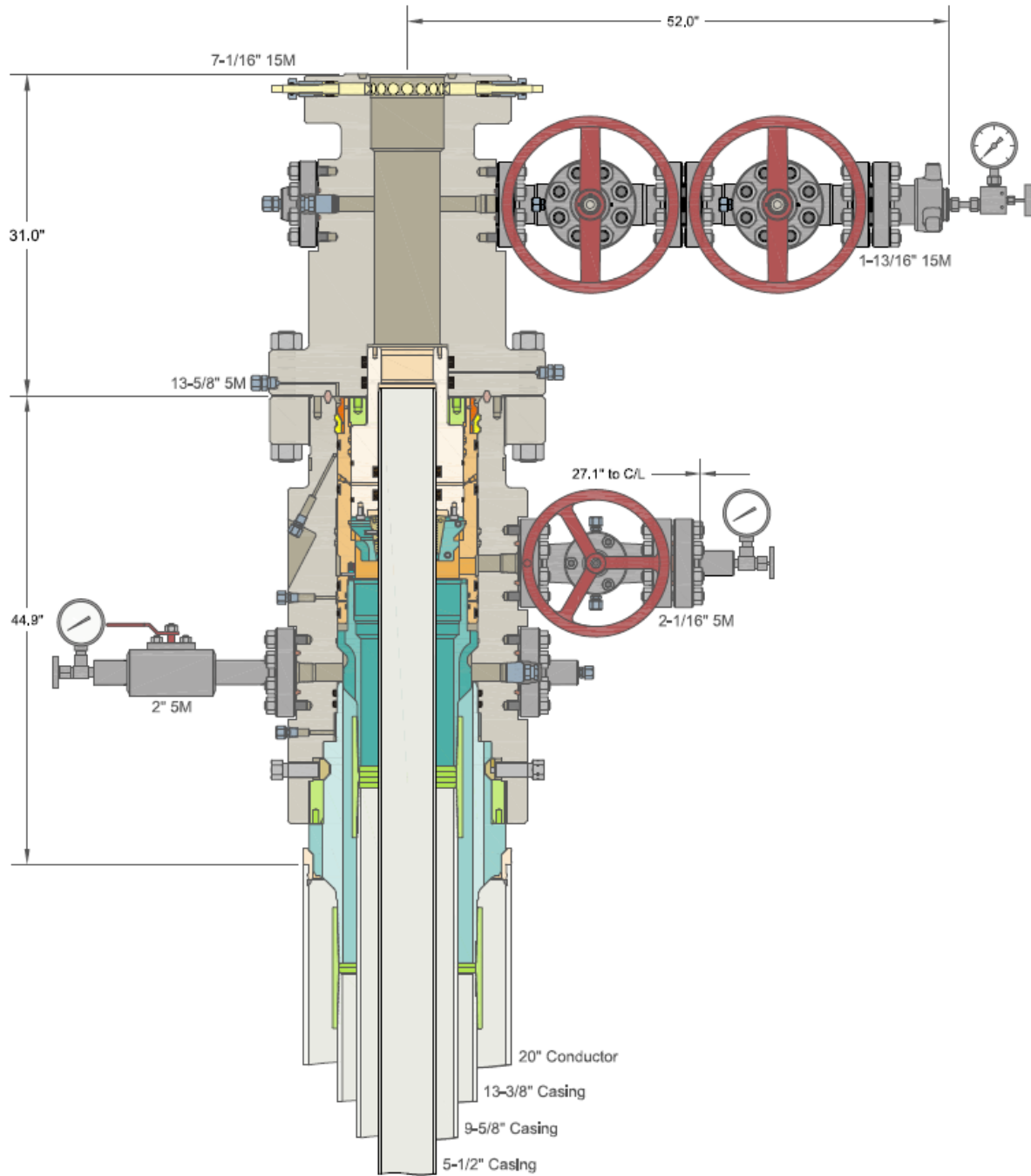






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T. 26S., R. 29E Eddy County, NM

Multi-bowl Wellhead Design



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. NMNM38636

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator TAP ROCK OPERATING

3a. Address 523 PARK POINT DRIVE, STE 200
GOLDEN, CO 804013b. Phone No. (include area code)
(720) 460-3316

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

8. Well Name and No. MONEY GRAHAM FED COM/126H

9. API Well No.

10. Field and Pool or Exploratory Area
WC-015 G-03 S262932E/BONE SPRING4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 32/T26S/R29E/NMP11. Country or Parish, State
EDDY/NM

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		
	☐ 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 detennined that the site is ready for final inspection.)

As previously discussed with BLM, while drilling this well we became stuck and will be skidding over to spud the well using a new surface hole location, as reflected in this sundry. The completed lateral will remain the same. The original well will be named Money Graham Fed Com 126Y (API 30-025-49030). The well we will skid to spud will be named Money Graham Fed Com 126H and will be assigned a new API from NMOCD.

The new SHL will be: Lot 4-32-26S-29E, 247' FSL 1019' FEL, Eddy County, NM. Lat: 32.0209654, Long: -104.0011009

Please see attached updated C-102 plat, drill plans, and directional plans.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
JEFFREY TRILICA/Ph: (720) 772-5910

REGULATORY ANALYST
Title

Signature



Date

07/21/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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)



Tap Rock Resources, LLC

**Eddy County, NM (NAD 83 NME)
(Money Graham) Sec-32_T-26-S_R-29-E
Money Graham Fed Com #126H**

OWB

Plan: Plan #5

Standard Planning Report

19 July, 2022





Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Money Graham Fed Com #126H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 2894.0usft (H&P 264)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 2894.0usft (H&P 264)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	North Reference:	Grid
Well:	Money Graham Fed Com #126H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #5		

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	(Money Graham) Sec-32_T-26-S_R-29-E			
Site Position:		Northing:	364,259.00 usft	Latitude: 32° 0' 3.571 N
From:	Map	Easting:	644,466.00 usft	Longitude: 104° 0' 2.323 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.18 °

Well	Money Graham Fed Com #126H			
Well Position	+N/-S	-72.0 usft	Northing:	364,187.00 usft
	+E/-W	-260.0 usft	Easting:	644,206.00 usft
Position Uncertainty		0.0 usft	Wellhead Elevation:	Latitude: 32° 0' 2.866 N
				Longitude: 104° 0' 5.345 W
				Ground Level: 2,868.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	07/15/22	6.50	59.49	47,432.76822297

Design	Plan #5			
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	0.52

Plan Survey Tool Program	Date	07/19/22		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	2,900.0	Plan #5 (OWB)	GYD_GC+DROP+OH Gyrodatta Stationary Tool dro
2	2,900.0	15,640.5	Plan #5 (OWB)	MWD OWSG MWD - Standard



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Site:	(Money Graham) Sec-32_T-26-S_R-29-E	North Reference:	Grid
Well:	Money Graham Fed Com #126H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #5		

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	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,903.5	7.04	184.18	1,901.8	-43.0	-3.1	1.00	1.00	0.00	184.18	
2,877.3	7.04	184.18	2,868.2	-162.0	-11.9	0.00	0.00	0.00	0.00	
3,580.9	0.00	0.00	3,570.0	-205.0	-15.0	1.00	-1.00	0.00	180.00	
6,910.9	0.00	0.00	6,900.0	-205.0	-15.0	0.00	0.00	0.00	0.00	
7,010.9	1.00	270.00	7,000.0	-205.0	-15.9	1.00	1.00	0.00	270.00	
7,768.0	1.00	270.00	7,757.0	-205.0	-29.1	0.00	0.00	0.00	0.00	
8,665.0	89.60	5.90	8,330.9	362.0	19.6	10.00	9.88	10.69	95.91	
8,933.8	89.60	0.52	8,332.8	630.2	34.6	2.00	0.00	-2.00	-89.99	
15,641.0	89.60	0.52	8,379.3	7,337.0	96.0	0.00	0.00	0.00	0.00	PBHL (Money Graham)



Intrepid Planning Report



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Company: Tap Rock Resources, LLC
Project: Eddy County, NM (NAD 83 NME)
Site: (Money Graham) Sec-32_T-26-S_R-29-E
Well: Money Graham Fed Com #126H
Wellbore: OWB
Design: Plan #5

Local Co-ordinate Reference: Well Money Graham Fed Com #126H
TVD Reference: KB @ 2894.0usft (H&P 264)
MD Reference: KB @ 2894.0usft (H&P 264)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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
1,100.0	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
NUDGE - Build 1.00									
1,300.0	1.00	184.18	1,300.0	-0.9	-0.1	-0.9	1.00	1.00	0.00
1,400.0	2.00	184.18	1,400.0	-3.5	-0.3	-3.5	1.00	1.00	0.00
1,500.0	3.00	184.18	1,499.9	-7.8	-0.6	-7.8	1.00	1.00	0.00
1,600.0	4.00	184.18	1,599.7	-13.9	-1.0	-13.9	1.00	1.00	0.00
1,700.0	5.00	184.18	1,699.4	-21.7	-1.6	-21.8	1.00	1.00	0.00
1,800.0	6.00	184.18	1,798.9	-31.3	-2.3	-31.3	1.00	1.00	0.00
1,903.5	7.04	184.18	1,901.8	-43.0	-3.1	-43.0	1.00	1.00	0.00
HOLD - 973.8 at 1903.5 MD									
2,000.0	7.04	184.18	1,997.5	-54.8	-4.0	-54.8	0.00	0.00	0.00
2,100.0	7.04	184.18	2,096.8	-67.0	-4.9	-67.1	0.00	0.00	0.00
2,200.0	7.04	184.18	2,196.0	-79.2	-5.8	-79.3	0.00	0.00	0.00
2,300.0	7.04	184.18	2,295.2	-91.5	-6.7	-91.5	0.00	0.00	0.00
2,400.0	7.04	184.18	2,394.5	-103.7	-7.6	-103.7	0.00	0.00	0.00
2,500.0	7.04	184.18	2,493.7	-115.9	-8.5	-116.0	0.00	0.00	0.00
2,600.0	7.04	184.18	2,593.0	-128.1	-9.4	-128.2	0.00	0.00	0.00
2,700.0	7.04	184.18	2,692.2	-140.3	-10.3	-140.4	0.00	0.00	0.00
2,800.0	7.04	184.18	2,791.5	-152.5	-11.2	-152.6	0.00	0.00	0.00
2,877.3	7.04	184.18	2,868.2	-162.0	-11.9	-162.1	0.00	0.00	0.00
DROP - -1.00									
2,900.0	6.81	184.18	2,890.7	-164.7	-12.1	-164.8	1.00	-1.00	0.00
3,000.0	5.81	184.18	2,990.1	-175.7	-12.9	-175.8	1.00	-1.00	0.00
3,100.0	4.81	184.18	3,089.7	-184.9	-13.5	-185.0	1.00	-1.00	0.00
3,200.0	3.81	184.18	3,189.4	-192.4	-14.1	-192.5	1.00	-1.00	0.00
3,300.0	2.81	184.18	3,289.2	-198.1	-14.5	-198.3	1.00	-1.00	0.00
3,400.0	1.81	184.18	3,389.2	-202.2	-14.8	-202.3	1.00	-1.00	0.00
3,500.0	0.81	184.18	3,489.1	-204.4	-15.0	-204.6	1.00	-1.00	0.00
3,580.9	0.00	0.00	3,570.0	-205.0	-15.0	-205.1	1.00	-1.00	217.42
HOLD - 3330.0 at 3580.9 MD									
3,600.0	0.00	0.00	3,589.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
3,700.0	0.00	0.00	3,689.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
3,800.0	0.00	0.00	3,789.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
3,900.0	0.00	0.00	3,889.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,000.0	0.00	0.00	3,989.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,100.0	0.00	0.00	4,089.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,200.0	0.00	0.00	4,189.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,300.0	0.00	0.00	4,289.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,400.0	0.00	0.00	4,389.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,500.0	0.00	0.00	4,489.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,600.0	0.00	0.00	4,589.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,700.0	0.00	0.00	4,689.1	-205.0	-15.0	-205.1	0.00	0.00	0.00



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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)
4,800.0	0.00	0.00	4,789.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
4,900.0	0.00	0.00	4,889.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,000.0	0.00	0.00	4,989.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,100.0	0.00	0.00	5,089.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,200.0	0.00	0.00	5,189.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,300.0	0.00	0.00	5,289.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,400.0	0.00	0.00	5,389.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,500.0	0.00	0.00	5,489.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,600.0	0.00	0.00	5,589.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,700.0	0.00	0.00	5,689.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,800.0	0.00	0.00	5,789.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
5,900.0	0.00	0.00	5,889.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,000.0	0.00	0.00	5,989.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,100.0	0.00	0.00	6,089.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,200.0	0.00	0.00	6,189.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,300.0	0.00	0.00	6,289.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,400.0	0.00	0.00	6,389.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,500.0	0.00	0.00	6,489.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,600.0	0.00	0.00	6,589.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,700.0	0.00	0.00	6,689.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,800.0	0.00	0.00	6,789.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,900.0	0.00	0.00	6,889.1	-205.0	-15.0	-205.1	0.00	0.00	0.00
6,910.9	0.00	0.00	6,900.0	-205.0	-15.0	-205.1	0.00	0.00	0.00
DRIFT WEST - Build 1.00									
7,000.0	0.89	270.00	6,989.1	-205.0	-15.7	-205.1	1.00	1.00	0.00
7,010.9	1.00	270.00	7,000.0	-205.0	-15.9	-205.1	1.00	1.00	0.00
HOLD - 757.1 at 7010.9 MD									
7,100.0	1.00	270.00	7,089.1	-205.0	-17.4	-205.1	0.00	0.00	0.00
7,200.0	1.00	270.00	7,189.1	-205.0	-19.2	-205.2	0.00	0.00	0.00
7,300.0	1.00	270.00	7,289.1	-205.0	-20.9	-205.2	0.00	0.00	0.00
7,400.0	1.00	270.00	7,389.1	-205.0	-22.7	-205.2	0.00	0.00	0.00
7,500.0	1.00	270.00	7,489.1	-205.0	-24.4	-205.2	0.00	0.00	0.00
7,600.0	1.00	270.00	7,589.0	-205.0	-26.2	-205.2	0.00	0.00	0.00
7,700.0	1.00	270.00	7,689.0	-205.0	-27.9	-205.2	0.00	0.00	0.00
7,768.0	1.00	270.00	7,757.0	-205.0	-29.1	-205.3	0.00	0.00	0.00
KOP - DLS 10.00 TFO 95.91									
7,800.0	3.25	348.13	7,789.0	-204.1	-29.6	-204.4	10.00	7.04	244.03
7,850.0	8.16	358.95	7,838.7	-199.2	-29.9	-199.4	10.00	9.81	21.65
7,900.0	13.14	1.64	7,887.9	-189.9	-29.8	-190.2	10.00	9.95	5.38
7,950.0	18.12	2.87	7,936.0	-176.5	-29.3	-176.7	10.00	9.98	2.45
8,000.0	23.12	3.58	7,982.8	-158.9	-28.3	-159.2	10.00	9.99	1.42
8,050.0	28.11	4.04	8,027.8	-137.3	-26.8	-137.6	10.00	9.99	0.94
8,100.0	33.11	4.38	8,070.9	-112.0	-24.9	-112.2	10.00	9.99	0.67
8,150.0	38.11	4.64	8,111.5	-82.9	-22.6	-83.1	10.00	10.00	0.51
8,200.0	43.11	4.84	8,149.4	-50.5	-20.0	-50.7	10.00	10.00	0.41
8,250.0	48.11	5.01	8,184.4	-14.9	-16.9	-15.1	10.00	10.00	0.34
8,300.0	53.11	5.16	8,216.1	23.5	-13.5	23.4	10.00	10.00	0.29
8,350.0	58.10	5.29	8,244.4	64.6	-9.7	64.5	10.00	10.00	0.26
8,400.0	63.10	5.40	8,268.9	108.0	-5.6	107.9	10.00	10.00	0.23
8,450.0	68.10	5.51	8,289.6	153.3	-1.3	153.3	10.00	10.00	0.21
8,500.0	73.10	5.60	8,306.2	200.2	3.3	200.2	10.00	10.00	0.20
8,550.0	78.10	5.70	8,318.6	248.4	8.0	248.4	10.00	10.00	0.19
8,600.0	83.10	5.79	8,326.7	297.5	13.0	297.6	10.00	10.00	0.18



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Local Co-ordinate Reference: Well Money Graham Fed Com #126H
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MD Reference: KB @ 2894.0usft (H&P 264)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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)
8,650.0	88.10	5.87	8,330.6	347.0	18.0	347.2	10.00	10.00	0.17
8,665.0	89.60	5.90	8,330.9	362.0	19.6	362.1	10.00	10.00	0.17
EOC/TRN - DLS 2.00 TFO -89.99									
8,700.0	89.60	5.20	8,331.1	396.8	22.9	397.0	2.00	0.00	-2.00
8,800.0	89.60	3.20	8,331.8	496.5	30.3	496.8	2.00	0.00	-2.00
8,900.0	89.60	1.20	8,332.5	596.4	34.1	596.7	2.00	0.00	-2.00
8,933.8	89.60	0.52	8,332.8	630.2	34.6	630.5	2.00	0.00	-2.00
Start 6707.2 hold at 8933.8 MD									
9,000.0	89.60	0.52	8,333.2	696.4	35.2	696.7	0.00	0.00	0.00
9,100.0	89.60	0.52	8,333.9	796.4	36.1	796.7	0.00	0.00	0.00
9,200.0	89.60	0.52	8,334.6	896.4	37.0	896.7	0.00	0.00	0.00
9,300.0	89.60	0.52	8,335.3	996.4	38.0	996.7	0.00	0.00	0.00
9,400.0	89.60	0.52	8,336.0	1,096.4	38.9	1,096.7	0.00	0.00	0.00
9,500.0	89.60	0.52	8,336.7	1,196.4	39.8	1,196.7	0.00	0.00	0.00
9,600.0	89.60	0.52	8,337.4	1,296.4	40.7	1,296.7	0.00	0.00	0.00
9,700.0	89.60	0.52	8,338.1	1,396.4	41.6	1,396.7	0.00	0.00	0.00
9,800.0	89.60	0.52	8,338.8	1,496.4	42.5	1,496.7	0.00	0.00	0.00
9,900.0	89.60	0.52	8,339.5	1,596.4	43.5	1,596.7	0.00	0.00	0.00
10,000.0	89.60	0.52	8,340.2	1,696.3	44.4	1,696.7	0.00	0.00	0.00
10,100.0	89.60	0.52	8,340.9	1,796.3	45.3	1,796.7	0.00	0.00	0.00
10,200.0	89.60	0.52	8,341.5	1,896.3	46.2	1,896.7	0.00	0.00	0.00
10,300.0	89.60	0.52	8,342.2	1,996.3	47.1	1,996.7	0.00	0.00	0.00
10,400.0	89.60	0.52	8,342.9	2,096.3	48.0	2,096.7	0.00	0.00	0.00
10,500.0	89.60	0.52	8,343.6	2,196.3	48.9	2,196.7	0.00	0.00	0.00
10,600.0	89.60	0.52	8,344.3	2,296.3	49.9	2,296.7	0.00	0.00	0.00
10,700.0	89.60	0.52	8,345.0	2,396.3	50.8	2,396.7	0.00	0.00	0.00
10,800.0	89.60	0.52	8,345.7	2,496.3	51.7	2,496.7	0.00	0.00	0.00
10,900.0	89.60	0.52	8,346.4	2,596.3	52.6	2,596.7	0.00	0.00	0.00
11,000.0	89.60	0.52	8,347.1	2,696.3	53.5	2,696.7	0.00	0.00	0.00
11,100.0	89.60	0.52	8,347.8	2,796.3	54.4	2,796.7	0.00	0.00	0.00
11,200.0	89.60	0.52	8,348.5	2,896.3	55.4	2,896.7	0.00	0.00	0.00
11,300.0	89.60	0.52	8,349.2	2,996.3	56.3	2,996.7	0.00	0.00	0.00
11,400.0	89.60	0.52	8,349.9	3,096.3	57.2	3,096.6	0.00	0.00	0.00
11,500.0	89.60	0.52	8,350.6	3,196.3	58.1	3,196.6	0.00	0.00	0.00
11,600.0	89.60	0.52	8,351.3	3,296.2	59.0	3,296.6	0.00	0.00	0.00
11,700.0	89.60	0.52	8,352.0	3,396.2	59.9	3,396.6	0.00	0.00	0.00
11,800.0	89.60	0.52	8,352.6	3,496.2	60.8	3,496.6	0.00	0.00	0.00
11,900.0	89.60	0.52	8,353.3	3,596.2	61.8	3,596.6	0.00	0.00	0.00
12,000.0	89.60	0.52	8,354.0	3,696.2	62.7	3,696.6	0.00	0.00	0.00
12,100.0	89.60	0.52	8,354.7	3,796.2	63.6	3,796.6	0.00	0.00	0.00
12,200.0	89.60	0.52	8,355.4	3,896.2	64.5	3,896.6	0.00	0.00	0.00
12,300.0	89.60	0.52	8,356.1	3,996.2	65.4	3,996.6	0.00	0.00	0.00
12,400.0	89.60	0.52	8,356.8	4,096.2	66.3	4,096.6	0.00	0.00	0.00
12,500.0	89.60	0.52	8,357.5	4,196.2	67.3	4,196.6	0.00	0.00	0.00
12,600.0	89.60	0.52	8,358.2	4,296.2	68.2	4,296.6	0.00	0.00	0.00
12,700.0	89.60	0.52	8,358.9	4,396.2	69.1	4,396.6	0.00	0.00	0.00
12,800.0	89.60	0.52	8,359.6	4,496.2	70.0	4,496.6	0.00	0.00	0.00
12,900.0	89.60	0.52	8,360.3	4,596.2	70.9	4,596.6	0.00	0.00	0.00
13,000.0	89.60	0.52	8,361.0	4,696.2	71.8	4,696.6	0.00	0.00	0.00
13,100.0	89.60	0.52	8,361.7	4,796.1	72.7	4,796.6	0.00	0.00	0.00
13,200.0	89.60	0.52	8,362.4	4,896.1	73.7	4,896.6	0.00	0.00	0.00
13,300.0	89.60	0.52	8,363.1	4,996.1	74.6	4,996.6	0.00	0.00	0.00
13,400.0	89.60	0.52	8,363.7	5,096.1	75.5	5,096.6	0.00	0.00	0.00
13,500.0	89.60	0.52	8,364.4	5,196.1	76.4	5,196.6	0.00	0.00	0.00



Intrepid Planning Report



Database: EDM 5000.15 Single User Db
Company: Tap Rock Resources, LLC
Project: Eddy County, NM (NAD 83 NME)
Site: (Money Graham) Sec-32_T-26-S_R-29-E
Well: Money Graham Fed Com #126H
Wellbore: OWB
Design: Plan #5

Local Co-ordinate Reference: Well Money Graham Fed Com #126H
TVD Reference: KB @ 2894.0usft (H&P 264)
MD Reference: KB @ 2894.0usft (H&P 264)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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)	
13,600.0	89.60	0.52	8,365.1	5,296.1	77.3	5,296.6	0.00	0.00	0.00	
13,700.0	89.60	0.52	8,365.8	5,396.1	78.2	5,396.6	0.00	0.00	0.00	
13,800.0	89.60	0.52	8,366.5	5,496.1	79.1	5,496.6	0.00	0.00	0.00	
13,900.0	89.60	0.52	8,367.2	5,596.1	80.1	5,596.6	0.00	0.00	0.00	
14,000.0	89.60	0.52	8,367.9	5,696.1	81.0	5,696.6	0.00	0.00	0.00	
14,100.0	89.60	0.52	8,368.6	5,796.1	81.9	5,796.6	0.00	0.00	0.00	
14,200.0	89.60	0.52	8,369.3	5,896.1	82.8	5,896.6	0.00	0.00	0.00	
14,300.0	89.60	0.52	8,370.0	5,996.1	83.7	5,996.6	0.00	0.00	0.00	
14,400.0	89.60	0.52	8,370.7	6,096.1	84.6	6,096.6	0.00	0.00	0.00	
14,500.0	89.60	0.52	8,371.4	6,196.1	85.6	6,196.6	0.00	0.00	0.00	
14,600.0	89.60	0.52	8,372.1	6,296.0	86.5	6,296.6	0.00	0.00	0.00	
14,700.0	89.60	0.52	8,372.8	6,396.0	87.4	6,396.6	0.00	0.00	0.00	
14,800.0	89.60	0.52	8,373.5	6,496.0	88.3	6,496.6	0.00	0.00	0.00	
14,900.0	89.60	0.52	8,374.2	6,596.0	89.2	6,596.6	0.00	0.00	0.00	
15,000.0	89.60	0.52	8,374.9	6,696.0	90.1	6,696.6	0.00	0.00	0.00	
15,100.0	89.60	0.52	8,375.5	6,796.0	91.0	6,796.6	0.00	0.00	0.00	
15,200.0	89.60	0.52	8,376.2	6,896.0	92.0	6,896.6	0.00	0.00	0.00	
15,300.0	89.60	0.52	8,376.9	6,996.0	92.9	6,996.6	0.00	0.00	0.00	
15,400.0	89.60	0.52	8,377.6	7,096.0	93.8	7,096.6	0.00	0.00	0.00	
15,500.0	89.60	0.52	8,378.3	7,196.0	94.7	7,196.5	0.00	0.00	0.00	
15,600.0	89.60	0.52	8,379.0	7,296.0	95.6	7,296.5	0.00	0.00	0.00	
15,641.0	89.60	0.52	8,379.3	7,337.0	96.0	7,337.6	0.00	0.00	0.00	
TD at 15641.0										

Design Targets										
Target Name										
- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
- Shape										
FTP (Money Graham F	0.00	0.00	8,331.5	-147.0	29.0	364,040.00	644,235.00	32° 0' 1.410 N		104° 0' 5.013 W
- plan misses target center by 202.9usft at 8250.0usft MD (8184.4 TVD, -14.9 N, -16.9 E)										
- Point										
LTP (Money Graham F	0.00	0.00	8,379.0	7,267.0	96.0	371,454.00	644,302.00	32° 1' 14.779 N		104° 0' 3.970 W
- plan misses target center by 0.7usft at 15571.0usft MD (8378.8 TVD, 7267.0 N, 95.4 E)										
- Point										
PBHL (Money Graham	0.40	0.52	8,379.3	7,337.0	96.0	371,524.00	644,302.00	32° 1' 15.472 N		104° 0' 3.968 W
- plan hits target center										
- Rectangle (sides W100.0 H7,484.0 D30.0)										



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Money Graham Fed Com #126H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 2894.0usft (H&P 264)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 2894.0usft (H&P 264)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	North Reference:	Grid
Well:	Money Graham Fed Com #126H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #5		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
155.0	155.0	Rustler Anhydrite				
465.0	465.0	Top Salt				
2,546.6	2,540.0	Base Salt				
2,733.0	2,725.0	Delaware Mountain Gp				
2,738.0	2,730.0	Lamar				
2,768.3	2,760.0	Bell Canyon				
2,793.5	2,785.0	Ramsey Sand				
3,640.9	3,630.0	Cherry Canyon				
5,255.9	5,245.0	Brushy Canyon				
6,475.9	6,465.0	Bone Spring Lime				
6,560.9	6,550.0	Upper Avalon				
6,945.9	6,935.0	Middle Avalon				
7,155.9	7,145.0	Lower Avalon				
7,375.9	7,365.0	1st Bone Spring Sand				
7,811.0	7,800.0	2nd Bone Spring Carb				
7,933.2	7,920.0	2nd Bone Spring Sand				
8,323.8	8,230.0	3rd Bone Spring Carb				
11,418.5	8,350.0	3rd Bone Spring Sand				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
1,200.0	1,200.0	0.0	0.0	NUDGE - Build 1.00	
1,903.5	1,901.8	-43.0	-3.1	HOLD - 973.8 at 1903.5 MD	
2,877.3	2,868.2	-162.0	-11.9	DROP - -1.00	
3,580.9	3,570.0	-205.0	-15.0	HOLD - 3330.0 at 3580.9 MD	
6,910.9	6,900.0	-205.0	-15.0	DRIFT WEST - Build 1.00	
7,010.9	7,000.0	-205.0	-15.9	HOLD - 757.1 at 7010.9 MD	
7,768.0	7,757.0	-205.0	-29.1	KOP - DLS 10.00 TFO 95.91	
8,665.0	8,330.9	362.0	19.6	EOC/TRN - DLS 2.00 TFO -89.99	
8,933.8	8,332.8	630.2	34.6	Start 6707.2 hold at 8933.8 MD	
15,641.0	8,379.3	7,337.0	96.0	TD at 15641.0	

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 128128

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 128128
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Must submit a plugging NOI for the original wellbore	7/22/2022
kpickford	Adhere to previous NMOCD Conditions of Approval	7/22/2022