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<i>Teceiveu by OCD</i> . 2/10/2021 12.	:00:37 PM		Page 1 of				
Form 3160-5 (June 2015) DEPA BURE	UNITED STATE ARTMENT OF THE I EAU OF LAND MAN	ES INTERIOR TAGEMENT			5. Lease Serial No.	ORM APPROVED MB No. 1004-0137 res: January 31, 2018	
SUNDRY N Do not use this fe abandoned well. L	OTICES AND REPO orm for proposals a Jse Form 3160-3 (A	ORTS ON W to drill or to PD) for suc	/ELLS o re-enter ar ch proposal	1 S.	6. If Indian, Allottee or	Tribe Name	
SUBMIT IN T	RIPLICATE - Other instru	uctions on pag	e 2		7. If Unit of CA/Agreen	ment, Name and/or No.	
1. Type of Well					9 W-11 Norman and No.		
Oil Well 🖌 Gas W	Cell Other				8. wen Name and No. Cyp	ress 34 Federal #241H	
2. Name of Operator TAP ROCK OPE	RATING, LLC				9. API Well No. 30-01	5-47263	
3a. Address 523 PARK POINT DRIV GOLDEN, CO 80401	E, STE 200	3b. Phone No. (720) 238-278	(include area coo 37	de)	10. Field and Pool or E PURPLE SAGE WO	xploratory Area DLFCAMP	
4. Location of Well (Footage, Sec., T., R.	,M., or Survey Description,)			11. Country or Parish, S	State	
323 FNL 281 FWL, Sec 34, 123S,	R29E				EDDY COUNTY, N	M	
12. CHEC	CK THE APPROPRIATE B	OX(ES) TO INI	DICATE NATUR	E OF NOTI	CE, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION			TY	YPE OF AC	TION		
Notice of Intent	Acidize Alter Casing Casing Repair	uction (Start/Resume) amation omplete	Water Shut-Off Well Integrity Other				
	✓ Change Plans	Plug	and Abandon	Tem]	porarily Abandon		
Final Abandonment Notice	Convert to Injection	Plug	Back	Wate	er Disposal		
15. Describe integrated of completed of the proposal is to deepen directional the Bond under which the work will completion of the involved operation completed. Final Abandonment Not is ready for final inspection.) Tap Rock is requesting permisss The Surface hole being proposed	ly or recomplete horizontal be perfonned or provide th ns. If the operation results in ices must be filed only after ion to alter the surface he ed is located at 298 ft FM	ly, give subsurfa e Bond No. on fi n a multiple com all requirements	ce locations and ile with BLM/BL upletion or recom s, including recla	measured and A. Required pletion in a mation, hav 34 Federal ownship 23	ad true vertical depths of subsequent reports mus new interval, a Form 31 e been completed and th 241H.	f all pertinent markers and zones. Attach f all pertinent markers and zones. Attach t be filed within 30 days following 60-4 must be filed once testing has been e operator has detennined that the site	
This change will not impact the No new disturbance will occur a	bottom hole location, but is a result of these chang	will alter the T	VD/MD to 1103 lat, Drill Plan, a	6 ft and 16 nd Directio	028 ft respectively.	for review.	
14. I hereby certify that the foregoing is Bill Ramsey	true and correct. Name (Pr	inted/Typed)	Regulato Title	ory Analyst			
Signature Ramay			Date 02/01/2021				
	THE SPACE	FOR FED	ERAL OR S	TATE OF	ICE USE		
CHRISTOPHER '		ally signed: 2021.02.1	by CHRISTC	DPHER W	/ALLS	ate	

Date: 2021.02.10 10:13:15 -07'00 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)

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 District I

 1625 N. French Dr., Hobbs, NM 88240

 Phone: (575) 393-6161 Fax: (575) 393-0720

 District II

 811 S. First St., Artesia, NM 88210

 Phone: (575) 748-1283 Fax: (575) 748-9720

 District III

 1000 Rio Brazos 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

Χ	AMENDED	REPORT
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number ²Pool Code ³Pool Name 98220 PURPLES SAGE; WOLFCAMP 30-015-47263 ⁵Property Name Well Number ⁴Property Code **CYPRESS 34 FEDERAL** 241H ⁸Operator Name ⁷OGRID No. ⁹Elevation 3048 372043 TAP ROCK OPERATING, LLC. ¹⁰Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 23-S 29-E 298' NORTH 226' WEST EDDY D 34 ¹¹Bottom Hole Location If Different From Surface UL or lot no. Township Lot Idn Feet from the North/South line Feet from the East/West line County Section Rang 30' 331' 29-E EDDY Μ 3423-S SOUTH WEST ²Dedicated Acres ³Joint or Infill ⁴Consolidation Code ⁵Order No. 320

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.



Released to Imaging: 2/26/2021 9:26:03 AM SISURVEYITAPROCKICYPRESS_34_23S29E3434_AREA/FINAL_PRODUCTSILO_CYPRESS_34_FEDERAL_241H_REV3.DWG 8/17/2020 10:45:34 AM kmath

Elevation above Sea Level: 3048'

DRILLING PROGRAM

1. Estimated Tops

Formation	TVD	MD	Lithologies	Bearing
Quaternary Deposits	0	0	Surface	None
Rustler Anhydrite	195	195		Salt
Salado	640	640	Salt	Salt
Base Salt	2800	2803		Salt
Lamar	3030	3034	Limestone	None
Bell Canyon	3055	3059	Sandstone	Hydrocarbons
Cherry Canyon	3920	3928	Sandstone	Hydrocarbons
Brushy Canyon	5560	5572	Sandstone	Hydrocarbons
Bone Spring Lime	6800	6812	Limestone	Hydrocarbons
1st Bone Spring	7785	7797	Sandstone	Hydrocarbons
2nd Bone Spring	8095	8107	Sandstone	Hydrocarbons
3rd Bone Spring	8930	8942	Sandstone	Hydrocarbons
КОР	10472	10484	Sandstone	Hydrocarbons
Wolfcamp A	10050	10062	Shale	Hydrocarbons
TD	11036	16028	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:

After surface casing is set and the BOP is nippled 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. Due to the Potash, Tap Rock will cement the 7-5/8" string to surface.

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.

4. Casing & Cement

All Casing will be new.

Name	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	265	0	265	J-55	54.5	BUTT	1.13	1.15	1.6
1st Intermediate	12 1/4	9 5/8	API	No	0	3084	0	3080	J-55	40	BUTT	1.13	1.15	1.6
2nd Intermediate	8 3/4	7 5/8	NON API	No	0	10384	0	10372	P-110	29.7	W-513	1.13	1.15	1.6
Production	6 3/4	5 1/2	NON API	No	0	9884	0	9872	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4	5	NON API	Yes	9884	16028	9872	11036	P-110	18	W-521	1.13	1.15	1.6

Name	Туре	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Tail	0	273	1.35	368	14.8	100%	С	5% NCI + LCM
1 at Intermediate	Lead	0	695	1.72	1195	13.5	65%	С	Bentonite + 1% CaCL2 + 8% NaCl + LCM
Ist intermediate	Tail	2313	300	1.33	398	14.8	65%	С	5% NaCl + LCM
and intermediate	Lead	0	573	2.22	1273	11.5	35%	TXI	Fluid Loss + Dispersant + Retarder + LCM
	Tail	9384	99	1.37	136	13.2	35%	Н	Fluid Loss + Dispersant + Retarder + LCM
Production	Tail	9784	736	1.19	875	15.8	25%	Н	Fluid Loss + Dispersant + Retarder + LCM

5. Mud Program

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.

Name	Тор	Bottom	Туре	Mud Weight	Visc	Fluid Loss
Surface	0	265	FW Spud Mud	8.30	28	NC
Intermediate	265	3084	Brine Water	10.00	30-32	NC
Intermediate 2	3084	10384	FW/Cut Brine	9.00	30-32	NC
Production	10384	16028	Oil Base Mud	13.00	55 - 70	<10

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 7,460 psi. Expected bottom hole temperature is \approx 170° 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. <u>Other</u>

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.

5,000 psi BOP Stack















10M Choke Layout





Tap Rock Resources, LLC

Eddy County, NM (NAD 83 NME) (Cypress) Sec-3_T-24-S_R-29-E Cypress 34 Federal #241H

OWB

Plan: Plan #1

Standard Planning Report

03 September, 2020









Database: Company: Project: Site: Well: Wellbore: Design:	EDM 5000.15 Single User Db Tap Rock Resources, LLC Eddy County, NM (NAD 83 NME) (Cypress) Sec-3_T-24-S_R-29-E Cypress 34 Federal #241H OWB Plan #1					Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method:			Well Cypress 34 Federal #241H KB @ 3074.0usft (H&P 376) KB @ 3074.0usft (H&P 376) Grid Minimum Curvature			
Project	Eddy Cou	nty, NM (N	IAD 83 NME)								
Map System: Geo Datum: Map Zone:	US State P North Amer New Mexico	lane 1983 ican Datur o Eastern 2	n 1983 Zone		System D	atum:	N	lean Sea Leve	I			
Site	(Cypress)	Sec-3_T-2	24-S_R-29-E									
Site Position: From: Position Uncertair	Map nty:	0.0	North Eastin usft Slot F	ing: ng: Radius:	456, 654,	089.00 usft 400.00 usft 13-3/16 "	Latitude: Longitude: Grid Conve	ergence:		32° 15' 12.005 N 103° 58' 3.336 W 0.20 °		
Well	Cypress 34	4 Federal a	#241H									
Well Position	+N/-S +E/-W	5,239.0 -3,991.0) usft No) usft Ea	orthing: isting:	vation:	461,328.00 650,409.00	usft La usft Lo	titude: ongitude:		32° 16' 3.981 N 103° 58' 49.612 W 3.048 0.usft		
r osition oncertair	ity	0.					0	ound Loven		0,040.0 0010		
Wellbore	OWB											
Magnetics	Model	Name	Sample	e Date	Declina (°)	ation	Dip	Angle (°)	Field S (n	trength T)		
	IC	GRF2015		08/28/20		6.80		60.00	47,59	5.25065200		
Design	Plan #1											
Audit Notes:												
Version:			Phas	e: F	PLAN	Ti	e On Depth:		0.0			
Vertical Section:		De	pth From (T (usft)	VD)	+N/-S (usft)	+E (u	E/-W Isft)	Dir	ection (°)			
			0.0		0.0	().0	17	79.09			
Plan Survey Tool	Program	Date	09/03/20									
(usft)	(usft)	Survey	(Wellbore)		Tool Name		Remarks					
1 0.0	16,028.8	8 Plan #1	(OWB)		MWD							
					OWSG MWI	D - Standard						
Plan Sections												
Measured Depth Inclin (usft) (nation Az (°)	imuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target		
0.0 2,000.0 2,281.7 4,731.0 5,012.7 10,484.7 11,385.8	0.00 0.00 5.63 5.63 0.00 0.00 90.11	0.00 0.00 22.17 22.17 0.00 0.00 179.09	0.0 2,000.0 2,281.3 4,718.7 5,000.0 10,472.0 11,045.0	0.0 0.0 12.8 235.5 248.3 248.3 -325.7	0.0 0.0 5.2 96.0 101.2 101.2 110.3	0.00 0.00 2.00 0.00 2.00 0.00 10.00	0.00 0.00 2.00 0.00 -2.00 0.00 10.00) 0.00) 0.00) 0.00) 0.00) 0.00) 0.00) 19.87) 2.02	0.00 0.00 22.17 0.00 180.00 0.00 179.09			

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Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Cypress 34 Federal #241H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3074.0usft (H&P 376)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3074.0usft (H&P 376)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	North Reference:	Grid
Well:	Cypress 34 Federal #241H	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)
0.0 100.0 195.0	0.00 0.00 0.00	0.00 0.00 0.00	0.0 100.0 195.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Rustler An	hvdrite								
200.0 300.0	0.00 0.00	0.00 0.00	200.0 300.0	0.0 0.0	0.0 0.0	0.0 0.0	0.00 0.00	0.00 0.00	0.00 0.00
400.0 500.0 600.0 640.0	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	400.0 500.0 600.0 640.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
Top Salt									
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0 900.0 1,000.0 1,100.0 1,200.0	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	900.0 900.0 1,000.0 1,100.0 1,200.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
1,300.0 1,400.0 1,500.0 1,600.0 1,700.0	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	1,300.0 1,400.0 1,500.0 1,600.0 1,700.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
1,800.0 1,900.0 2,000.0	0.00 0.00 0.00	0.00 0.00 0.00	1,800.0 1,900.0 2,000.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
NUDGE - E	Build 2.00								
2,100.0 2,200.0	2.00 4.00	22.17 22.17	2,100.0 2,199.8	1.6 6.5	0.7 2.6	-1.6 -6.4	2.00 2.00	2.00 2.00	0.00 0.00
2,281.7	5.63	22.17	2,281.3	12.8	5.2	-12.7	2.00	2.00	0.00
HOLD - 24	49.3 at 2281.7	MD							
2,300.0 2,400.0 2,500.0 2,600.0	5.63 5.63 5.63 5.63	22.17 22.17 22.17 22.17	2,299.5 2,399.0 2,498.5 2,598.0	14.5 23.6 32.7 41.8	5.9 9.6 13.3 17.0	-14.4 -23.4 -32.4 -41.5	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
2,700.0 2,800.0 2.803.0	5.63 5.63 5.63	22.17 22.17 22.17	2,697.5 2,797.0 2.800.0	50.8 59.9 60.2	20.7 24.4 24.5	-50.5 -59.5 -59.8	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Base Salt			,						
2,900.0 3,000.0	5.63 5.63	22.17 22.17	2,896.6 2,996.1	69.0 78.1	28.1 31.8	-68.6 -77.6	0.00 0.00	0.00 0.00	0.00 0.00
3,024.0	5.63	22.17	3,020.0	80.3	32.7	-79.8	0.00	0.00	0.00
Delaware I 3,034.1	Nountain Gp 5.63	22.17	3,030.0	81.2	33.1	-80.7	0.00	0.00	0.00
Lamar									
3,059.2 Bell Canyo	5.63 on	22.17	3,055.0	83.5	34.0	-83.0	0.00	0.00	0.00
3,069.3	5.63	22.17	3,065.0	84.4	34.4	-83.9	0.00	0.00	0.00
Ramsey Sa	and								
3,100.0	5.63	22.17	3,095.6	87.2	35.5	-86.6	0.00	0.00	0.00
3,300.0 3,400.0 3,500.0	5.63 5.63 5.63 5.63	22.17 22.17 22.17 22.17	3,294.6 3,394.1 3,493.7	105.4 114.5 123.6	43.0 46.7 50.4	-93.7 -104.7 -113.7 -122.8	0.00 0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00

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COMPASS 5000.15 Build 88



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Cypress 34 Federal #241H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3074.0usft (H&P 376)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3074.0usft (H&P 376)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	North Reference:	Grid
Well:	Cypress 34 Federal #241H	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)
3,600.0	5.63	22.17	3,593.2	132.7	54.1	-131.8	0.00	0.00	0.00
3,700.0 3,800.0 3,900.0	5.63 5.63 5.63	22.17 22.17 22.17	3,692.7 3,792.2 3,891.7	141.8 150.9 159.9	57.8 61.5 65.2	-140.8 -149.9 -158.9	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
0,920.4 Cherry Ca	5.03 Nyon	22.17	3,920.0	102.5	00.2	-101.5	0.00	0.00	0.00
4,000.0	5.63	22.17	3,991.2	169.0	68.9	-167.9	0.00	0.00	0.00
4,100.0 4,200.0 4,300.0 4,400.0 4,500.0	5.63 5.63 5.63 5.63 5.63	22.17 22.17 22.17 22.17 22.17 22.17	4,090.8 4,190.3 4,289.8 4,389.3 4,488.8	178.1 187.2 196.3 205.4 214.5	72.6 76.3 80.0 83.7 87.4	-177.0 -186.0 -195.0 -204.0 -213.1	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
4,600.0 4,700.0 4,731.0	5.63 5.63 5.63	22.17 22.17 22.17	4,588.3 4,687.9 4,718.7	223.6 232.7 235.5	91.1 94.8 96.0	-222.1 -231.1 -233.9	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
DROP2.	00		1 -						
4,800.0 4,900.0	4.25 2.25	22.17 22.17	4,787.5 4,887.3	241.0 246.3	98.2 100.4	-239.4 -244.6	2.00 2.00	-2.00 -2.00	0.00 0.00
5,000.0 5,012.7	0.25 0.00	22.17 0.00	4,987.3 5,000.0	248.3 248.3	101.2 101.2	-246.6 -246.7	2.00 2.00	-2.00 -2.00	0.00 0.00
HOLD - 54	72.0 at 5012.7	MD							
5,100.0 5,200.0 5,300.0	0.00 0.00 0.00	0.00 0.00 0.00	5,087.3 5,187.3 5,287.3	248.3 248.3 248.3	101.2 101.2 101.2	-246.7 -246.7 -246.7	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
5,400.0 5,500.0 5.572.7	0.00 0.00 0.00	0.00 0.00 0.00	5,387.3 5,487.3 5.560.0	248.3 248.3 248.3	101.2 101.2 101.2	-246.7 -246.7 -246.7	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Brushy Ca	nyon	0.00	0,00010	21010		2.0	0.00	0.00	0.00
5,600.0 5,700.0	0.00 0.00	0.00 0.00	5,587.3 5,687.3	248.3 248.3	101.2 101.2	-246.7 -246.7	0.00 0.00	0.00 0.00	0.00 0.00
5,800.0 5,900.0 6,000.0 6,100.0 6,200.0	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5,787.3 5,887.3 5,987.3 6,087.3 6,187.3	248.3 248.3 248.3 248.3 248.3 248.3	101.2 101.2 101.2 101.2 101.2	-246.7 -246.7 -246.7 -246.7 -246.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
6,300.0 6,400.0 6,500.0 6,600.0 6,700.0	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	6,287.3 6,387.3 6,487.3 6,587.3 6,687.3	248.3 248.3 248.3 248.3 248.3 248.3	101.2 101.2 101.2 101.2 101.2 101.2	-246.7 -246.7 -246.7 -246.7 -246.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
6,800.0 6,812.7	0.00 0.00	0.00 0.00	6,787.3 6,800.0	248.3 248.3	101.2 101.2	-246.7 -246.7	0.00 0.00	0.00 0.00	0.00 0.00
6.882.7	ng Lime 0.00	0.00	6.870.0	248.3	101.2	-246.7	0.00	0.00	0.00
Upper Ava	lon								
6,900.0 7,000.0	0.00 0.00	0.00 0.00	6,887.3 6,987.3	248.3 248.3	101.2 101.2	-246.7 -246.7	0.00 0.00	0.00 0.00	0.00 0.00
7,100.0 7,200.0 7,252.7	0.00 0.00 0.00	0.00 0.00 0.00	7,087.3 7,187.3 7,240.0	248.3 248.3 248.3	101.2 101.2 101.2	-246.7 -246.7 -246.7	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Middle Ava	alon								
7,300.0 7,400.0	0.00 0.00	0.00 0.00	7,287.3 7,387.3	248.3 248.3	101.2 101.2	-246.7 -246.7	0.00 0.00	0.00 0.00	0.00 0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Cypress 34 Federal #241H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3074.0usft (H&P 376)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3074.0usft (H&P 376)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	North Reference:	Grid
Well:	Cypress 34 Federal #241H	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)
7,500.0 7,600.0 7,632.7	0.00 0.00 0.00	0.00 0.00 0.00	7,487.3 7,587.3 7,620.0	248.3 248.3 248.3	101.2 101.2 101.2	-246.7 -246.7 -246.7	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
Lower Ava	lon								
7,700.0 7,797.7	0.00 0.00	0.00 0.00	7,687.3 7,785.0	248.3 248.3	101.2 101.2	-246.7 -246.7	0.00 0.00	0.00 0.00	0.00 0.00
1st Bone S	Spring Sand								
7,800.0 7,900.0 8,000.0 8,100.0 8,107.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	7,787.3 7,887.3 7,987.3 8,087.3 8,095.0	248.3 248.3 248.3 248.3 248.3 248.3	101.2 101.2 101.2 101.2 101.2 101.2	-246.7 -246.7 -246.7 -246.7 -246.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
2nd Bone	Spring Carb								
8,200.0 8,300.0 8,400.0 8,500.0 8,512.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	8,187.3 8,287.3 8,387.3 8,487.3 8,500.0	248.3 248.3 248.3 248.3 248.3 248.3	101.2 101.2 101.2 101.2 101.2 101.2	-246.7 -246.7 -246.7 -246.7 -246.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
2nd Bone	Spring Sand		,						
8,600.0 8,700.0 8,800.0 8,900.0 8,942.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	8,587.3 8,687.3 8,787.3 8,887.3 8,930.0	248.3 248.3 248.3 248.3 248.3 248.3	101.2 101.2 101.2 101.2 101.2 101.2	-246.7 -246.7 -246.7 -246.7 -246.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
3rd Bone S	Spring Carb								
9,000.0 9,100.0 9,200.0 9,300.0 9,400.0	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	8,987.3 9,087.3 9,187.3 9,287.3 9,387.3	248.3 248.3 248.3 248.3 248.3 248.3	101.2 101.2 101.2 101.2 101.2 101.2	-246.7 -246.7 -246.7 -246.7 -246.7	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
9,500.0 9,600.0 9,700.0 9,732.7	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	9,487.3 9,587.3 9,687.3 9,720.0	248.3 248.3 248.3 248.3	101.2 101.2 101.2 101.2	-246.7 -246.7 -246.7 -246.7	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
9 800 0	o 00	0.00	9 787 3	248 3	101.2	-246 7	0.00	0.00	0.00
9,900.0 10,000.0 10,007.7	0.00 0.00 0.00	0.00 0.00 0.00	9,887.3 9,987.3 9,995.0	248.3 248.3 248.3	101.2 101.2 101.2	-246.7 -246.7 -246.7	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
3rd BS W \$	Sand	0.00	10.050.0	240.2	101.2	246 7	0.00	0.00	0.00
Wolfcamp	A X Sand	0.00	10,050.0	240.3	101.2	-240.7	0.00	0.00	0.00
10,100.0	0.00	0.00	10,087.3	248.3	101.2	-246.7	0.00	0.00	0.00
10,162.7	0.00	0.00	10,150.0	248.3	101.2	-246.7	0.00	0.00	0.00
10,200.0 10,252.7	0.00 0.00	0.00 0.00	10,187.3 10,240.0	248.3 248.3	101.2 101.2	-246.7 -246.7	0.00 0.00	0.00 0.00	0.00 0.00
Wolfcamp	A Lower	0.00	10 297 2	2/0 2	101.2	-246 7	0.00	0.00	0.00
10,400.0	0.00	0.00	10,387.3	248.3	101.2	-246.7	0.00	0.00	0.00
10,402.7 Wolfcamp	0.00 B	0.00	10,390.0	248.3	101.2	-246.7	0.00	0.00	0.00
10,484.7	0.00	0.00	10,472.0	248.3	101.2	-246.7	0.00	0.00	0.00

COMPASS 5000.15 Build 88



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Cypress 34 Federal #241H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3074.0usft (H&P 376)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3074.0usft (H&P 376)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	North Reference:	Grid
Well:	Cypress 34 Federal #241H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB	-	
Design:	Plan #1		

Planned Survey

Measur Depth (usft)	ed I Ir	nclination	Azimuth	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
KOD		(/	0.00	()	(4010)	(aon)	(****)	(((
10,50 10,55 10,60	0.0 0.0 0.0 0.0	1.53 6.53 11.53	179.09 179.09 179.09 179.09	10,487.3 10,537.1 10,586.5	248.1 244.6 236.8	101.2 101.3 101.4	-246.5 -243.0 -235.1	10.00 10.00 10.00	10.00 10.00 10.00	0.00 0.00 0.00
10,65 10,70 10,75 10,76	0.0 0.0 0.0 9.3	16.53 21.53 26.53 28.46	179.09 179.09 179.09 179.09	10,635.0 10,682.2 10,727.9 10,745.0	224.6 208.4 188.0 179.1	101.6 101.8 102.2 102.3	-223.0 -206.7 -186.4 -177.5	10.00 10.00 10.00 10.00	10.00 10.00 10.00 10.00	0.00 0.00 0.00 0.00
Wolfc	amp B1	24 52	470.00	40 774 0	402.0	400 F	400.4	40.00	40.00	0.00
10,80 10,85 10,90 10,95 10,98	0.0 0.0 0.0 3.3	36.53 41.53 46.53 49.86	179.09 179.09 179.09 179.09 179.09	10,771.0 10,813.0 10,851.8 10,887.8 10,910.0	135.8 104.3 69.6 44.8	102.5 103.0 103.5 104.0 104.4	-134.1 -102.7 -67.9 -43.1	10.00 10.00 10.00 10.00 10.00	10.00 10.00 10.00 10.00 10.00	0.00 0.00 0.00 0.00 0.00
Wolfc 11.00	amp C 0.0	51.53	179.09	10.920.6	31.9	104.6	-30.2	10.00	10.00	0.00
11,05 11,10 11,10 11,15 11,20 11,25	0.0 0.0 0.0 0.0 0.0 0.0	56.53 61.53 66.53 71.53 76.53	179.09 179.09 179.09 179.09 179.09 179.09	10,949.9 10,975.6 10,997.5 11,015.4 11,029.2	-8.6 -51.4 -96.4 -143.0 -191.1	105.3 106.0 106.7 107.4 108.2	10.3 53.1 98.1 144.7 192.8	10.00 10.00 10.00 10.00 10.00	10.00 10.00 10.00 10.00 10.00 10.00	0.00 0.00 0.00 0.00 0.00 0.00
11,30 11,35 11,38	0.0 0.0 5.8	81.53 86.53 90.11	179.09 179.09 179.09	11,038.7 11,043.9 11,045.0	-240.2 -289.9 -325.7	109.0 109.7 110.3	241.9 291.6 327.4	10.00 10.00 10.00	10.00 10.00 10.00	0.00 0.00 0.00
11,40	4642.9 0.0	90.11	179.09	11,044.9	-339.8	110.5	341.5	0.00	0.00	0.00
11,50	0.0	90.11	179.09	11,044.7	-439.8	112.1	441.5	0.00	0.00	0.00
11,60 11,70 11,80 11,90 12,00	0.0 0.0 0.0 0.0 0.0 0.0	90.11 90.11 90.11 90.11 90.11	179.09 179.09 179.09 179.09 179.09 179.09	11,044.5 11,044.4 11,044.2 11,044.0 11,043.8	-539.8 -639.8 -739.8 -839.8 -939.8	113.7 115.3 116.9 118.5 120.1	541.5 641.5 741.5 841.5 941.5	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
12,10 12,20 12,30 12,40 12,50	0.0 0.0 0.0 0.0 0.0 0.0	90.11 90.11 90.11 90.11 90.11	179.09 179.09 179.09 179.09 179.09 179.09	11,043.6 11,043.4 11,043.2 11,043.0 11,042.8	-1,039.7 -1,139.7 -1,239.7 -1,339.7 -1,439.7	121.6 123.2 124.8 126.4 128.0	1,041.5 1,141.5 1,241.5 1,341.5 1,441.5	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00
12,60 12,70 12,80 12,90 13,00	0.0 0.0 0.0 0.0 0.0 0.0	90.11 90.11 90.11 90.11 90.11	179.09 179.09 179.09 179.09 179.09 179.09	11,042.6 11,042.4 11,042.2 11,042.0 11,041.8	-1,539.7 -1,639.7 -1,739.7 -1,839.6 -1,939.6	129.6 131.2 132.8 134.3 135.9	1,541.5 1,641.5 1,741.5 1,841.5 1,941.5	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
13,10 13,20 13,30 13,40 13,50	0.0 0.0 0.0 0.0 0.0	90.11 90.11 90.11 90.11 90.11	179.09 179.09 179.09 179.09 179.09 179.09	11,041.6 11,041.5 11,041.3 11,041.1 11,040.9	-2,039.6 -2,139.6 -2,239.6 -2,339.6 -2,439.6	137.5 139.1 140.7 142.3 143.9	2,041.5 2,141.5 2,241.5 2,341.5 2,441.5	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00
13,60 13,70 13,80 13,90 14,00	0.0 0.0 0.0 0.0 0.0 0.0	90.11 90.11 90.11 90.11 90.11	179.09 179.09 179.09 179.09 179.09	11,040.7 11,040.5 11,040.3 11,040.1 11,039.9	-2,539.6 -2,639.5 -2,739.5 -2,839.5 -2,939.5	145.5 147.0 148.6 150.2 151.8	2,541.5 2,641.5 2,741.5 2,841.5 2,941.5	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
14,10	0.0	90.11	179.09	11,039.7	-3,039.5	153.4	3,041.5	0.00	0.00	0.00



Intrepid Planning Report



Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Cypress 34 Federal #241H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3074.0usft (H&P 376)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3074.0usft (H&P 376)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	North Reference:	Grid
Well:	Cypress 34 Federal #241H	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)
14,200.0 14,300.0 14,400.0 14,500.0 14,600.0 14,700.0 14,800.0 14,900.0 15,000.0	90.11 90.11 90.11 90.11 90.11 90.11 90.11 90.11 90.11	179.09 179.09 179.09 179.09 179.09 179.09 179.09 179.09 179.09	11,039.5 11,039.3 11,039.1 11,038.9 11,038.8 11,038.6 11,038.4 11,038.2 11,038.0	-3,139.5 -3,239.5 -3,339.4 -3,439.4 -3,539.4 -3,639.4 -3,739.4 -3,839.4 -3,939.4	155.0 156.6 158.1 159.7 161.3 162.9 164.5 166.1 167.7	3,141.5 3,241.5 3,341.5 3,441.5 3,541.5 3,641.5 3,741.5 3,841.5 3,841.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
15,100.0 15,200.0 15,300.0 15,400.0 15,500.0 15,600.0 15,700.0 15,800.0 15,900.0 16,000.0	90.11 90.11 90.11 90.11 90.11 90.11 90.11 90.11 90.11	179.09 179.09 179.09 179.09 179.09 179.09 179.09 179.09 179.09 179.09 179.09	11,037.8 11,037.6 11,037.4 11,037.2 11,037.0 11,036.8 11,036.6 11,036.4 11,036.2 11,036.1	-4,039.4 -4,139.3 -4,239.3 -4,339.3 -4,439.3 -4,539.3 -4,639.3 -4,639.3 -4,739.3 -4,839.3 -4,939.2	169.3 170.8 172.4 174.0 175.6 177.2 178.8 180.4 182.0 183.5	4,041.5 4,141.5 4,241.5 4,341.5 4,441.5 4,541.5 4,641.5 4,641.5 4,841.5 4,941.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
16,028.8 TD at 1602	90.11 8.8	179.09	11,036.0	-4,968.0	184.0	4,970.3	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
LTP (Cypress 34 Fed - plan misses targ - Point	e 0.00 get center by	0.00 0.2usft at 1	11,036.0 5958.8usft	-4,898.0 MD (11036.7	183.0 1 TVD, -489	456,430.00 8.0 N, 182.9 E)	650,592.00	32° 15' 15.505 N	103° 58' 47.668 W
PBHL (Cypress 34 Fe - plan hits target o - Rectangle (side	e -0.11 center s W100.0 H5	179.09 ,167.0 D30	11,036.0 .0)	-4,968.0	184.0	456,360.00	650,593.00	32° 15' 14.813 N	103° 58' 47.659 W
FTP (Cypress 34 Fed - plan misses targ	le 0.00 get center by	0.00 202.6usft a	11,045.0 It 10959.1u	198.0 sft MD (1089	102.0 4.0 TVD, 63	461,526.00 3.0 N, 104.1 E)	650,511.00	32° 16' 5.937 N	103° 58' 48.416 W







Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Cypress 34 Federal #241H
Company:	Tap Rock Resources, LLC	TVD Reference:	KB @ 3074.0usft (H&P 376)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB @ 3074.0usft (H&P 376)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	North Reference:	Grid
Well:	Cypress 34 Federal #241H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #1		

Formations

Ν	leasured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
	195.0	195.0	Rustler Anhydrite			
	640.0	640.0	Top Salt			
	2,803.0	2,800.0	Base Salt			
	3,024.0	3,020.0	Delaware Mountain Gp			
	3,034.1	3,030.0	Lamar			
	3,059.2	3,055.0	Bell Canyon			
	3,069.3	3,065.0	Ramsey Sand			
	3,928.4	3,920.0	Cherry Canyon			
	5,572.7	5,560.0	Brushy Canyon			
	6,812.7	6,800.0	Bone Spring Lime			
	6,882.7	6,870.0	Upper Avalon			
	7,252.7	7,240.0	Middle Avalon			
	7,632.7	7,620.0	Lower Avalon			
	7,797.7	7,785.0	1st Bone Spring Sand			
	8,107.7	8,095.0	2nd Bone Spring Carb			
	8,512.7	8,500.0	2nd Bone Spring Sand			
	8,942.7	8,930.0	3rd Bone Spring Carb			
	9,732.7	9,720.0	3rd Bone Spring Sand			
	10,007.7	9,995.0	3rd BS W Sand			
	10,062.7	10,050.0	Wolfcamp A X Sand			
	10,162.7	10,150.0	Wolfcamp A Y Sand			
	10,252.7	10,240.0	Wolfcamp A Lower			
	10,402.7	10,390.0	Wolfcamp B			
	10,769.3	10,745.0	Wolfcamp B1			
	10,983.3	10,910.0	Wolfcamp C			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Co +N/-S (usft)	oordinates +E/-W (usft)	Comment
2,000.	2,000.0	0.0	0.0	NUDGE - Build 2.00
2,281.	7 2,281.3	12.8	5.2	HOLD - 2449.3 at 2281.7 MD
4,731.	0 4,718.7	235.5	96.0	DROP2.00
5,012.	7 5,000.0	248.3	101.2	HOLD - 5472.0 at 5012.7 MD
10,484.	7 10,472.0	248.3	101.2	KOP - DLS 10.00 TFO 179.09
11,385.	8 11,045.0	-325.7	110.3	EOC - 4642.9 hold at 11385.8 MD
16,028.	8 11,036.0	-4,968.0	184.0	TD at 16028.8

CONDITIONS

Action 17686

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 Depresi (505) 224 6478 Fox (505) 234 6170

Phone:(505) 334-6178 Fax:(505) 334-6170 <u>District IV</u> 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 OF APPROVAL

Operator:		OGRID:	Action Number:	Action Type:					
TAP ROCK OPI	ERATING, LLC 523 Park Point Drive	372043	17686	C-103A					
Suite 200 Golden, CO80401									
OCD Reviewer	Condition								
jagarcia	Will require a administrative order for non-standard location prior to placing the well on pro	III require a administrative order for non-standard location prior to placing the well on production							