

Well Name: THE CONTEST FED COM	Well Location: T24S / R34E / SEC 9 / NWSW / 32.2286434 / -103.4792599	County or Parish/State: LEA / NM
Well Number: 142H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0554252	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546877	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: 08/04/2021	Time Sundry Submitted: 04:35
Date proposed operation will begin: 08/04/2021	

Procedure Description: Tap Rock Operating, LLC would like to request a change to the production hole for The Contest Fed Com 142H. Tap Rock requests permission to change from 8.5 inch vertical-curve-lateral in the open hole to 8.75 inch vertical by 6.75 inch curve-lateral in the open hole. Please see the casing and cement tables attached for detail on the request accordingly.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

APD_Drilling_Plan___The_Contest_142H_Sundry_6.75_APD_20210804163526.pdf

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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 04, 2021 04:35 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	



Drilling Operations Plan
The Contest Fed Com #142H
Tap Rock Operating, LLC
SHL 1401' FSL & 1297' FWL, Sec. 9
BHL 30' FNL & 1980' FWL, Sec. 9
T. 24S., R. 34E Lea County, NM

Elevation above Sea Level: 3562'

DRILLING PROGRAM

1. Estimated Tops

Formation	TVD	MD	Lithologies	Bearing
Quaternary Deposits	0	0	Surface	None
Rustler Anhydrite	1094	1094		Salt
Salado	1621	1621	Salt	Salt
Base Salt	4859	4913		Salt
Lamar	5256	5318	Limestone	None
Bell Canyon	5280	5343	Sandstone	Hydrocarbons
Cherry Canyon	6242	6333	Sandstone	Hydrocarbons
Brushy Canyon	7639	7772	Sandstone	Hydrocarbons
Bone Spring	8972	9138	Limestone	Hydrocarbons
KOP	9714	9880	Sandstone	Hydrocarbons
1st Bone Spring	10010	10191	Sandstone	Hydrocarbons
TD	10114	15417	Sandstone	Hydrocarbons

2. Notable Zones

1st Bone Spring Sand 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 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.



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Variance Requests:

Tap Rock requests a variance to run a multi-bowl speed head for setting the Intermediate 1, 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 or 1st intermediate 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.

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	1169	0	1169	J-55	54.5	BUTT	1.13	1.15	1.6
1st Intermediate	12 1/4	9 5/8	API	No	0	5338	0	5276	J-55	40	BUTT	1.13	1.15	1.6
Production	8 3/4	5 1/2	NON API	No	0	9880	0	9714	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4	5 1/2	NON API	No	9880	15417	9714	10114	P-110	20	TXP	1.13	1.15	1.6

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Lead	0	567	1.72	974.5	13.5	100%	C	5% NCI + LCM
	Tail	701	481	1.35	650	14.8	100%	C	5% NCI + LCM
1st Intermediate	Lead	0	1268	1.74	2207	13.5	65%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	4338	415	1.33	552	14.8	65%	C	5% NaCl + LCM
Production	Tail	4338	1368	1.71	2339	14.2	25%	H	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	Top	Bottom	Type	Mud Weight	Visc	Fluid Loss
Surface	0	1169	FW Spud Mud	8.30	28	NC
Intermediate	1169	5338	Brine Water	10.00	30-32	NC
Production	5338	15417	Cut Brine	9.00	28-40	<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.



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7. Down Hole Conditions

No abnormal pressure or temperature is expected. Maximum expected bottom hole pressure is $\approx 4,730$ 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.

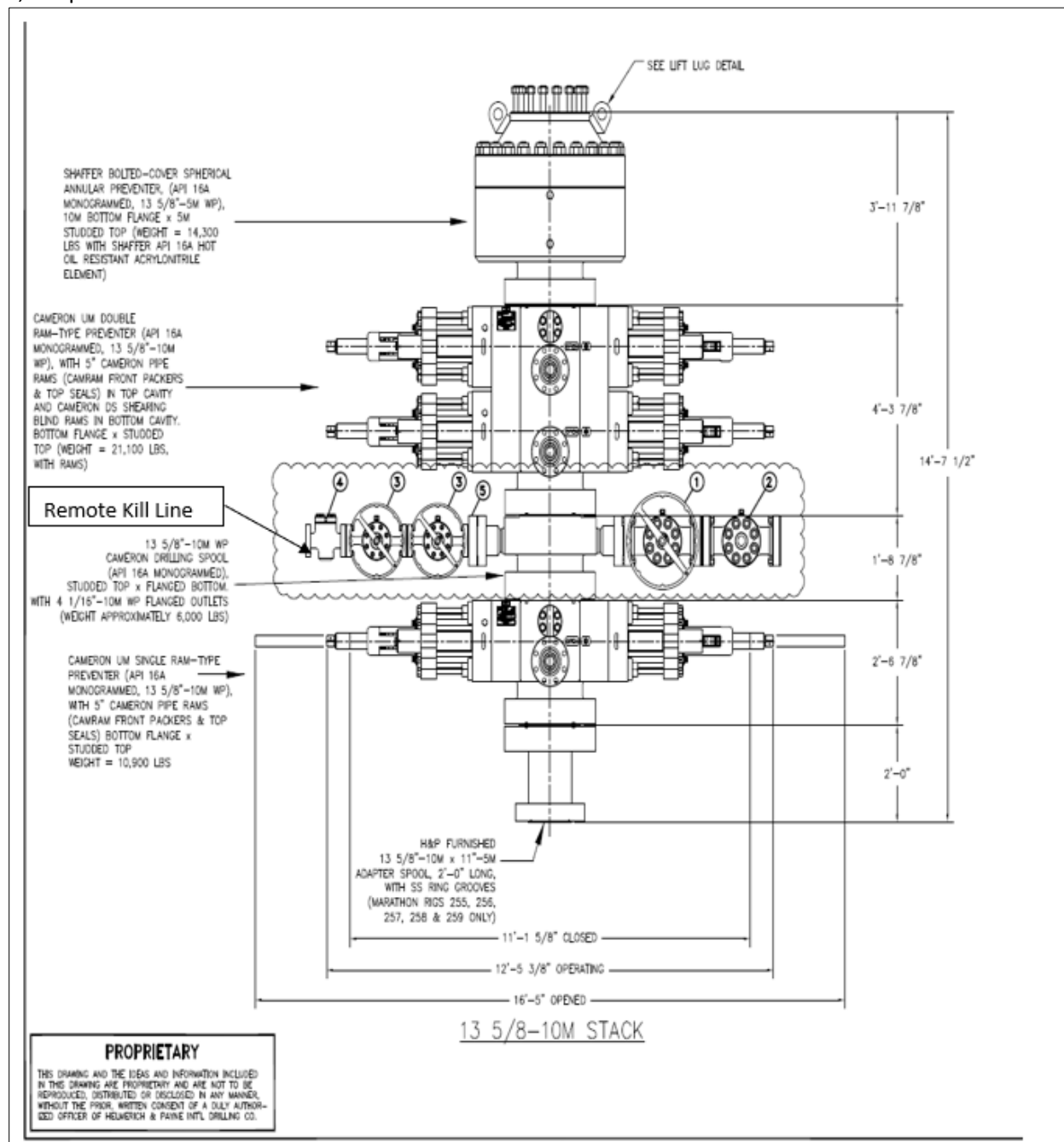
8. Other Conditions

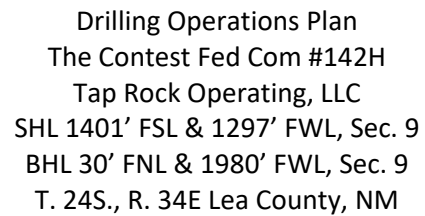
Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved. Drilling expected to take 30 days. If production casing is run an additional 60 days will be required to complete and construct surface facilities.



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5,000 psi BOP Stack

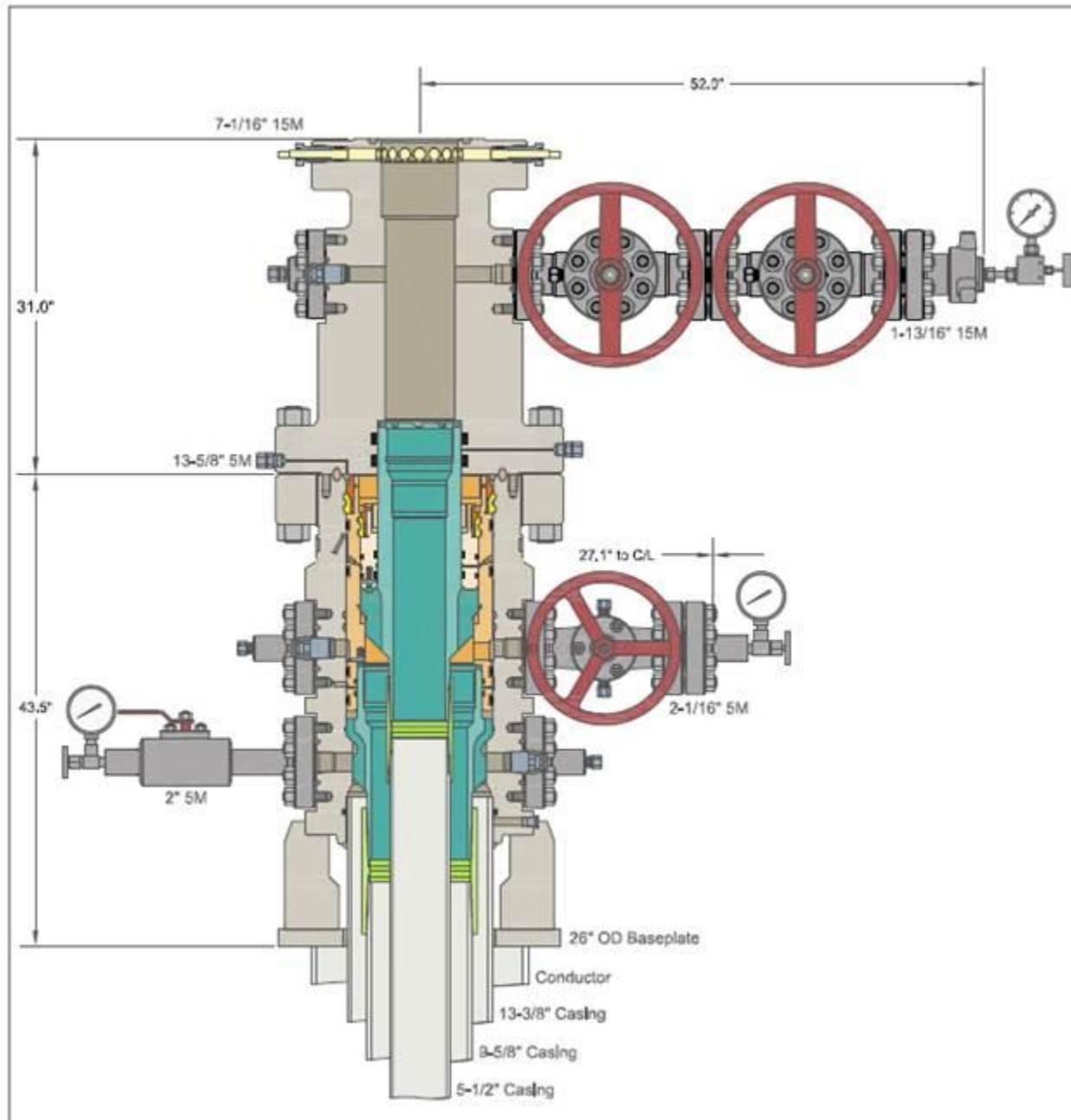






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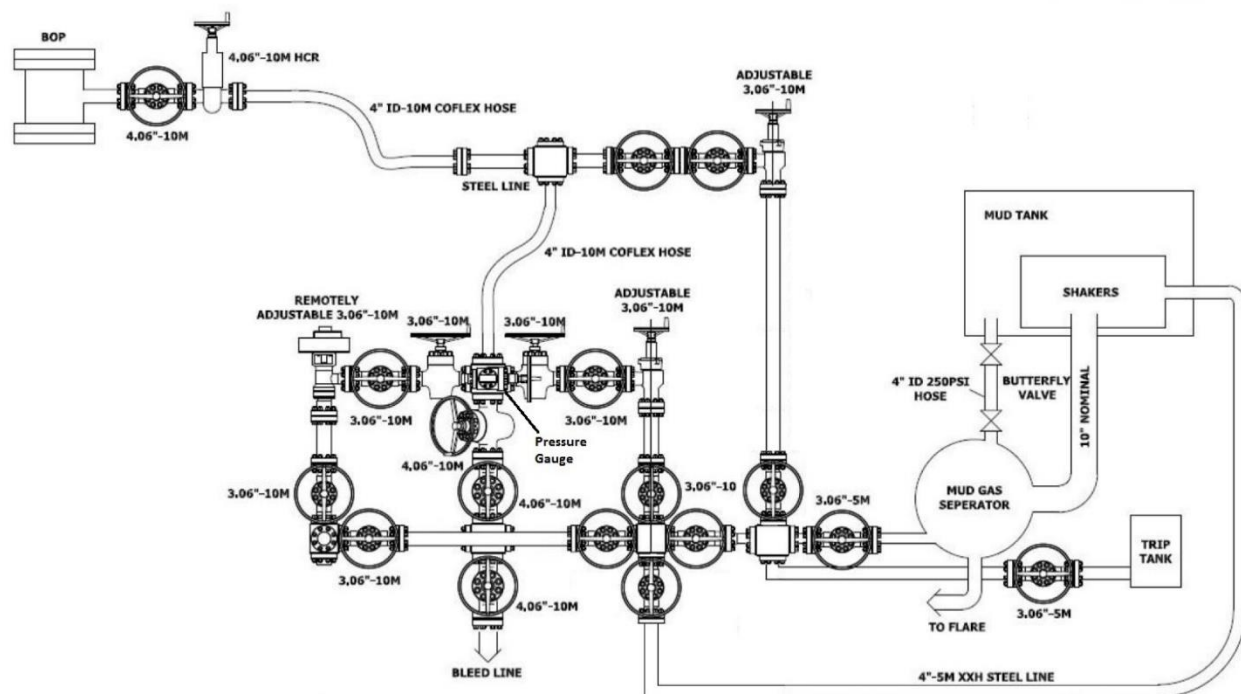
Multi-bowl Wellhead



10M Choke Layout



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District I

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811 S. First St., Artesia, NM 88210
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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 42758

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 42758
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/30/2021