

Well Name: HAFLINGER 22-27 FED COM	Well Location: T25S / R32E / SEC 22 / NWNW /	County or Parish/State:
Well Number: 711H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC062300	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550065	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2695738

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 09/30/2022	Time Sundry Submitted: 09:45
Date proposed operation will begin: 09/30/2022	

Procedure Description: NAME/DRILLING CHANGE Devon Energy Production Co., L.P. (Devon) respectfully requests have a name change on the subject well. Please see attached revised C102, and updated drilling plan to include break test variance. Permitted Well name: HAFLINGER 22-27 FEDERAL COM 711H Proposed Well name: HAFLINGER 22-27 FEDERAL COM 610H

NOI Attachments

Procedure Description

- Haflinger_22_27_Fed_Com_610H__20221005100518.pdf
- break_test_variance_BOP_20220930094332.pdf
- WA018233430_HAFLINGER_22_27_FED_COM_610H_WL_R1_20220930094333.pdf
- Haflinger_22_27_Fed_Com_610H__Directional_Plan_09_27_22_20220930094333.pdf

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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: JENNY HARMS

Signed on: OCT 05, 2022 10:05 AM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Compliance Professional

Street Address: 333 West Sheridan Avenue

City: Oklahoma City **State:** OK

Phone: (405) 552-6560

Email address: jennifer.harms@dvn.com

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Candy Vigil

BLM POC Title: LIE

BLM POC Phone: 5752345982

BLM POC Email Address: cvigil@blm.gov

Disposition: Approved

Disposition Date: 10/06/2022

Signature: Cody Layton Assistant Field Manager

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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code [98065]	Pool Name WC-025 G-08 S263205N; UPPER WOLFCAMP
Property Code	Property Name HAFLINGER 22-27 FED COM	Well Number 610H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3415.6'

Surface Location

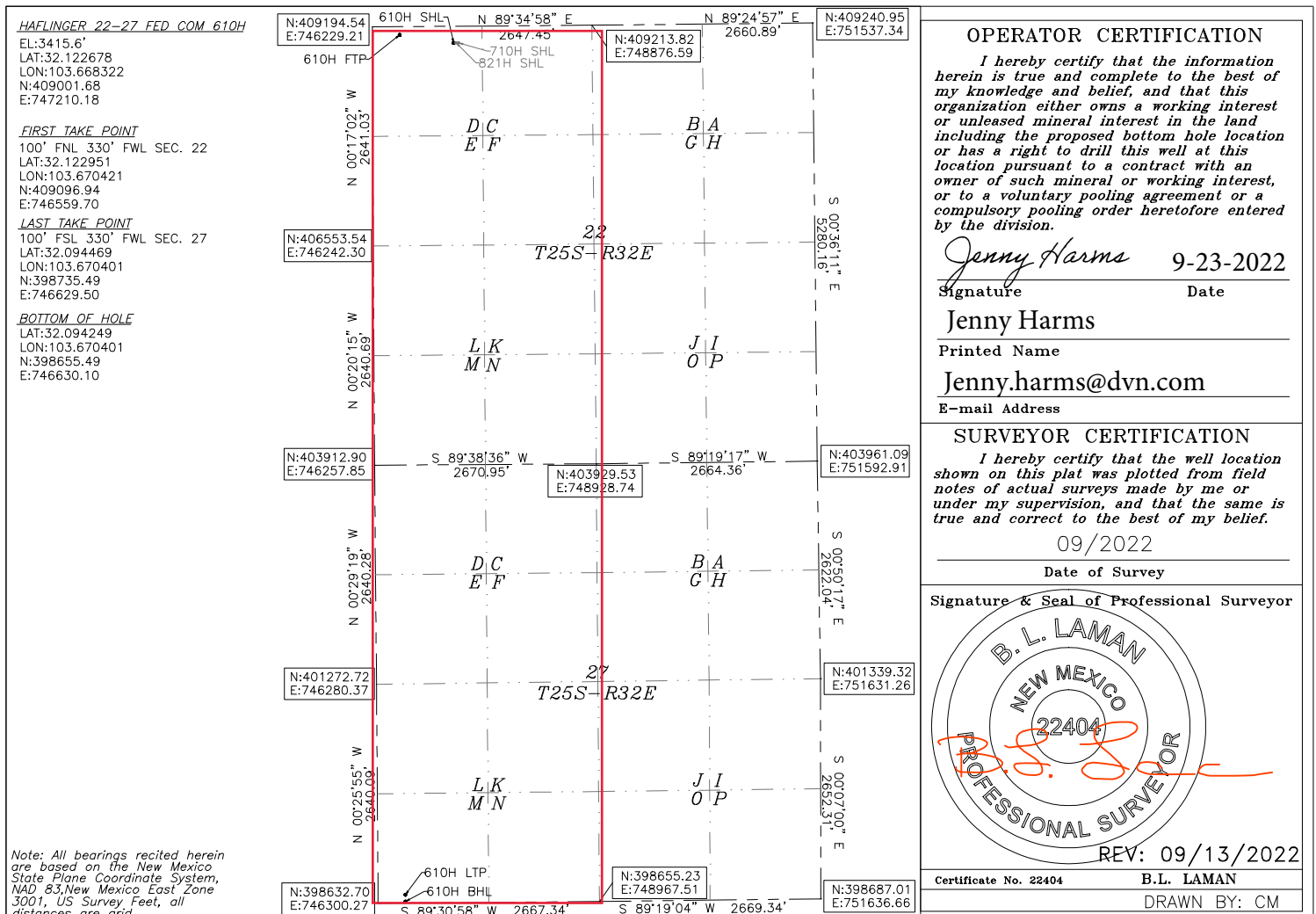
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	22	25-S	32-E		200	NORTH	980	WEST	LEA

Bottom 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
M	27	25-S	32-E		20	SOUTH	330	WEST	LEA

Dedicated Acres 640	Joint or Infill	Consolidation Code	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



Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: HAFLINGER 22-27 FED COM	Well Number 610H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	22	25S	32E		45 FNL		330 FWL		LEA
Latitude 32.12300865					Longitude -103.67042100				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	22	25-S	32-E		100	NORTH	330	WEST	LEA
Latitude 32.122951					Longitude 103.670421				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	27	25-S	32-E		100	SOUTH	330	WEST	LEA
Latitude 32.094469					Longitude 103.670401				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

☐ no

Is this well an infill well?

☐ yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-025-50066		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: HAFLINGER 22-27 FED COM	Well Number 721H

KZ 06/29/2018

Section 2 - Blowout Preventer Testing Procedure

Variance Request

Devon Energy requests to only test BOP connection breaks after drilling out of surface casing and while skidding between wells which conforms to API Standard 53 and industry standards. This test will include the Top Pipe Rams, HCR, Kill Line Check Valve, QDC (quick disconnect to wellhead) and Shell of the 10M BOPE to 5M for 10 minutes. If a break to the flex hose that runs to the choke manifold is required due to repositioning from a skid, the HCR will remain open during the shell test to include that additional break. The variance only pertains to intermediate hole-sections and no deeper than the Bone Springs Formation where 5M BOP tests are required. The initial BOP test will follow OOGO2.III.A.2.i, and subsequent tests following a skid will only test connections that are broken. The annular preventer will be tested to 100% working pressure. This variance will meet or exceed OOGO2.III.A.2.i per the following: Devon Energy will perform a full BOP test per OOGO2.III.A.2.i before drilling out of the intermediate casing string(s) and starting the production hole, before starting any hole section that requires a 10M test, before the expiration of the allotted 14-days for 5M intermediate batch drilling or when the drilling rig is fully mobilized to a new well pad, whichever is sooner. We will utilize a 200' TVD tolerance between intermediate shoes as the cutoff for a full BOP test. The BLM will be contacted 4hrs prior to a BOPE test. The BLM will be notified if and when a well control event is encountered. Break test will be a 14 day interval and not a 30 day full BOPE test interval. If in the event break testing is not utilized, then a full BOPE test would be conducted.

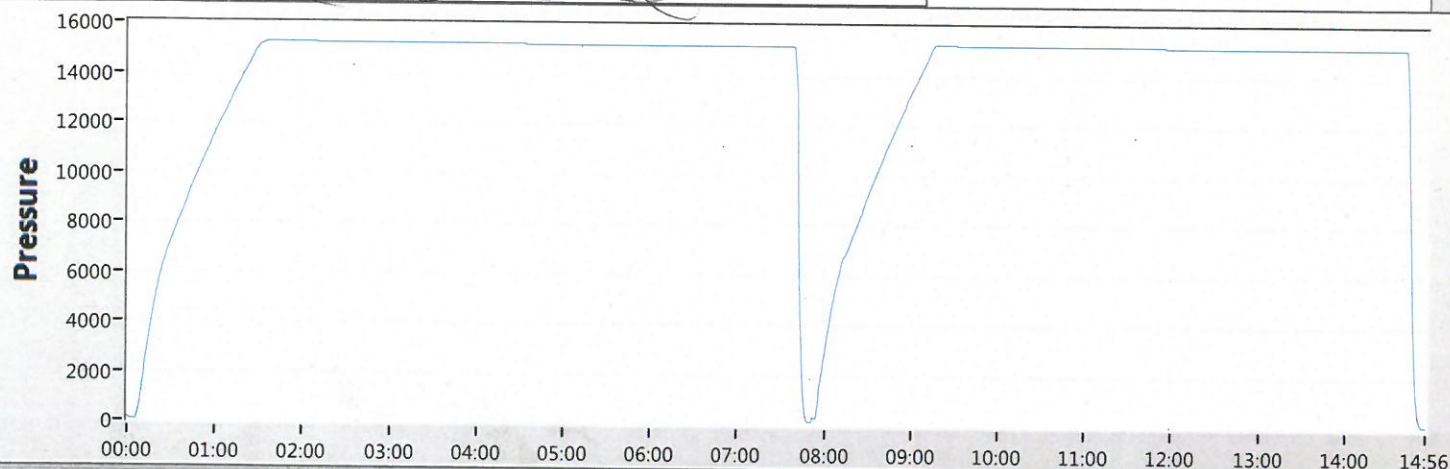
1. Well Control Response:
 1. Primary barrier remains fluid
 2. In the event of an influx due to being underbalanced and after a realized gain or flow, the order of closing BOPE is as follows:
 - a) Annular first
 - b) If annular were to not hold, Upper pipe rams second (which were tested on the skid BOP test)
 - c) If the Upper Pipe Rams were to not hold, Lower Pipe Rams would be third

Cactus
Wellhead

2-9-17
E Bell

80.7 °F

15:49



50

Date 02-09-17

Tested By E.BELL

Transducer bay2

Transducer Serial 181504

Calibration Date 9/6/15

	Job#	Part#	Serial#	Description	Test Pressure
1	TRJ0006341-0007	116966	TRJ6341-7-1	ADPT,DRLG,CW,MBU-3T,13-5/8 10M	15000
2					
3					
4					
5				TRANSDUCER CALIBRATION DUE 03/13/2017	
6					
7					
8					



Start



Stop



Zero



Config



Save



Print

EXIT

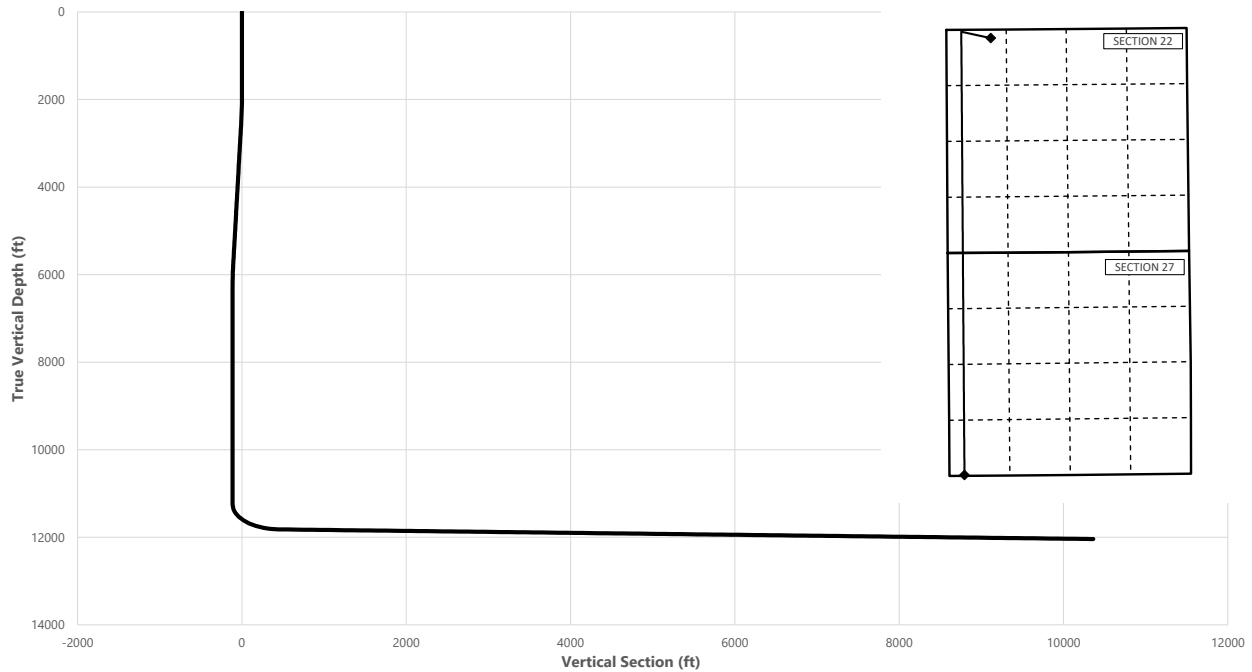
Haflinger 22-27 Fed Com 610H



Well: Haflinger 22-27 Fed Com 610H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	283.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	283.00	2497.47	9.79	-42.41	-7.40	1.00	Hold Tangent
5844.00	10.00	283.00	5790.67	140.42	-608.20	-106.15	0.00	Drop to Vertical
6344.00	0.00	283.00	6288.13	150.21	-650.61	-113.55	2.00	Hold Vertical
11303.05	0.00	179.62	11247.18	150.21	-650.61	-113.55	0.00	KOP
12190.37	88.73	179.62	11820.00	-410.06	-646.85	445.63	10.00	Landing Point
22129.16	88.73	179.62	12040.00	-10346.19	-580.08	10362.44	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	0.00	0.00
Salt	1157.00	1157.00
Base of Salt	4662.39	4627.00
Cherry Canyon	5687.97	5637.00
Brushy Canyon	7107.87	7052.00
1st Bone Spring Lime	8507.87	8452.00
Bone Spring 1st	9624.87	9569.00
Bone Spring 2nd	10235.87	10180.00
3rd Bone Spring Lime	10695.87	10640.00
Bone Spring 3rd	11424.79	11368.00
Wolfcamp / Point of Penetration	12062.55	11803.00
Exit	22049.16	12038.24

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.1226	-103.6684	200' FNL, 980' FWL of Sec 22 in T25S, R32E
11303.05	11247.18	32.1230	-103.6705	45' FNL, 330' FWL of Sec 22 in T25S, R32E
12062.55	11803.00	32.1230	-103.6704	100' FNL, 330' FWL of Sec 22 in T25S, R32E
22049.16	12038.24	32.0945	-103.6704	100' FSL, 330' FWL of Sec 27 in T25S, R32E
22129.16	12040.00	32.0942	-103.6705	20' FSL, 330' FWL of Sec 27 in T25S, R32E

Haflinger 22-27 Fed Com 610H



Well: Haflinger 22-27 Fed Com 610H
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 Wellbore: Permit Plan
 Design: Permit Plan #1

Geodetic System: US State Plane 1983
 Datum: North American Datum 1927
 Ellipsoid: Clarke 1866
 Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	283.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	283.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	283.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	283.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	283.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	283.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	283.00	700.00	0.00	0.00	0.00	0.00	
775.00	0.00	283.00	775.00	0.00	0.00	0.00	0.00	Rustler
800.00	0.00	283.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	283.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	283.00	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	283.00	1100.00	0.00	0.00	0.00	0.00	
1157.00	0.00	283.00	1157.00	0.00	0.00	0.00	0.00	Salt
1200.00	0.00	283.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	283.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	283.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	283.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	283.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	283.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	283.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	283.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	283.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	283.00	2099.98	0.39	-1.70	-0.30	2.00	
2200.00	4.00	283.00	2199.84	1.57	-6.80	-1.19	2.00	
2300.00	6.00	283.00	2299.45	3.53	-15.29	-2.67	2.00	
2400.00	8.00	283.00	2398.70	6.27	-27.17	-4.74	2.00	
2500.00	10.00	283.00	2497.47	9.79	-42.41	-7.40	1.00	Hold Tangent
2600.00	10.00	283.00	2595.95	13.70	-59.33	-10.35	0.00	
2700.00	10.00	283.00	2694.43	17.60	-76.25	-13.31	0.00	
2800.00	10.00	283.00	2792.91	21.51	-93.17	-16.26	0.00	
2900.00	10.00	283.00	2891.39	25.42	-110.09	-19.21	0.00	
3000.00	10.00	283.00	2989.87	29.32	-127.01	-22.17	0.00	
3100.00	10.00	283.00	3088.35	33.23	-143.93	-25.12	0.00	
3200.00	10.00	283.00	3186.83	37.13	-160.85	-28.07	0.00	
3300.00	10.00	283.00	3285.31	41.04	-177.77	-31.02	0.00	
3400.00	10.00	283.00	3383.79	44.95	-194.68	-33.98	0.00	
3500.00	10.00	283.00	3482.27	48.85	-211.60	-36.93	0.00	
3600.00	10.00	283.00	3580.75	52.76	-228.52	-39.88	0.00	
3700.00	10.00	283.00	3679.23	56.66	-245.44	-42.84	0.00	
3800.00	10.00	283.00	3777.72	60.57	-262.36	-45.79	0.00	
3900.00	10.00	283.00	3876.20	64.48	-279.28	-48.74	0.00	
4000.00	10.00	283.00	3974.68	68.38	-296.20	-51.69	0.00	
4100.00	10.00	283.00	4073.16	72.29	-313.12	-54.65	0.00	
4200.00	10.00	283.00	4171.64	76.20	-330.04	-57.60	0.00	
4300.00	10.00	283.00	4270.12	80.10	-346.96	-60.55	0.00	
4400.00	10.00	283.00	4368.60	84.01	-363.88	-63.51	0.00	
4500.00	10.00	283.00	4467.08	87.91	-380.80	-66.46	0.00	
4600.00	10.00	283.00	4565.56	91.82	-397.72	-69.41	0.00	
4662.39	10.00	283.00	4627.00	94.26	-408.28	-71.25	0.00	Base of Salt
4700.00	10.00	283.00	4664.04	95.73	-414.64	-72.36	0.00	
4800.00	10.00	283.00	4762.52	99.63	-431.56	-75.32	0.00	
4900.00	10.00	283.00	4861.00	103.54	-448.48	-78.27	0.00	
5000.00	10.00	283.00	4959.48	107.44	-465.40	-81.22	0.00	
5100.00	10.00	283.00	5057.97	111.35	-482.32	-84.18	0.00	
5200.00	10.00	283.00	5156.45	115.26	-499.24	-87.13	0.00	
5300.00	10.00	283.00	5254.93	119.16	-516.16	-90.08	0.00	
5400.00	10.00	283.00	5353.41	123.07	-533.08	-93.03	0.00	
5500.00	10.00	283.00	5451.89	126.98	-550.00	-95.99	0.00	
5600.00	10.00	283.00	5550.37	130.88	-566.92	-98.94	0.00	
5687.97	10.00	283.00	5637.00	134.32	-581.80	-101.54	0.00	Cherry Canyon
5700.00	10.00	283.00	5648.85	134.79	-583.84	-101.89	0.00	
5800.00	10.00	283.00	5747.33	138.69	-600.76	-104.85	0.00	
5844.00	10.00	283.00	5790.67	140.42	-608.20	-106.15	0.00	Drop to Vertical
5900.00	8.88	283.00	5845.90	142.48	-617.15	-107.71	2.00	
6000.00	6.88	283.00	5944.95	145.56	-630.51	-110.04	2.00	
6100.00	4.88	283.00	6044.42	147.87	-640.49	-111.78	2.00	
6200.00	2.88	283.00	6144.19	149.39	-647.09	-112.93	2.00	
6300.00	0.88	283.00	6244.13	150.13	-650.28	-113.49	2.00	
6344.00	0.00	283.00	6288.13	150.21	-650.61	-113.55	2.00	Hold Vertical

Haflinger 22-27 Fed Com 610H



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County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

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Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6400.00	0.00	179.62	6344.13	150.21	-650.61	-113.55	0.00	
6500.00	0.00	179.62	6444.13	150.21	-650.61	-113.55	0.00	
6600.00	0.00	179.62	6544.13	150.21	-650.61	-113.55	0.00	
6700.00	0.00	179.62	6644.13	150.21	-650.61	-113.55	0.00	
6800.00	0.00	179.62	6744.13	150.21	-650.61	-113.55	0.00	
6900.00	0.00	179.62	6844.13	150.21	-650.61	-113.55	0.00	
7000.00	0.00	179.62	6944.13	150.21	-650.61	-113.55	0.00	
7100.00	0.00	179.62	7044.13	150.21	-650.61	-113.55	0.00	
7107.87	0.00	179.62	7052.00	150.21	-650.61	-113.55	0.00	Brushy Canyon
7200.00	0.00	179.62	7144.13	150.21	-650.61	-113.55	0.00	
7300.00	0.00	179.62	7244.13	150.21	-650.61	-113.55	0.00	
7400.00	0.00	179.62	7344.13	150.21	-650.61	-113.55	0.00	
7500.00	0.00	179.62	7444.13	150.21	-650.61	-113.55	0.00	
7600.00	0.00	179.62	7544.13	150.21	-650.61	-113.55	0.00	
7700.00	0.00	179.62	7644.13	150.21	-650.61	-113.55	0.00	
7800.00	0.00	179.62	7744.13	150.21	-650.61	-113.55	0.00	
7900.00	0.00	179.62	7844.13	150.21	-650.61	-113.55	0.00	
8000.00	0.00	179.62	7944.13	150.21	-650.61	-113.55	0.00	
8100.00	0.00	179.62	8044.13	150.21	-650.61	-113.55	0.00	
8200.00	0.00	179.62	8144.13	150.21	-650.61	-113.55	0.00	
8300.00	0.00	179.62	8244.13	150.21	-650.61	-113.55	0.00	
8400.00	0.00	179.62	8344.13	150.21	-650.61	-113.55	0.00	
8500.00	0.00	179.62	8444.13	150.21	-650.61	-113.55	0.00	
8507.87	0.00	179.62	8452.00	150.21	-650.61	-113.55	0.00	1st Bone Spring Lime
8600.00	0.00	179.62	8544.13	150.21	-650.61	-113.55	0.00	
8700.00	0.00	179.62	8644.13	150.21	-650.61	-113.55	0.00	
8800.00	0.00	179.62	8744.13	150.21	-650.61	-113.55	0.00	
8900.00	0.00	179.62	8844.13	150.21	-650.61	-113.55	0.00	
9000.00	0.00	179.62	8944.13	150.21	-650.61	-113.55	0.00	
9100.00	0.00	179.62	9044.13	150.21	-650.61	-113.55	0.00	
9200.00	0.00	179.62	9144.13	150.21	-650.61	-113.55	0.00	
9300.00	0.00	179.62	9244.13	150.21	-650.61	-113.55	0.00	
9400.00	0.00	179.62	9344.13	150.21	-650.61	-113.55	0.00	
9500.00	0.00	179.62	9444.13	150.21	-650.61	-113.55	0.00	
9600.00	0.00	179.62	9544.13	150.21	-650.61	-113.55	0.00	
9624.87	0.00	179.62	9569.00	150.21	-650.61	-113.55	0.00	Bone Spring 1st
9700.00	0.00	179.62	9644.13	150.21	-650.61	-113.55	0.00	
9800.00	0.00	179.62	9744.13	150.21	-650.61	-113.55	0.00	
9900.00	0.00	179.62	9844.13	150.21	-650.61	-113.55	0.00	
10000.00	0.00	179.62	9944.13	150.21	-650.61	-113.55	0.00	
10100.00	0.00	179.62	10044.13	150.21	-650.61	-113.55	0.00	
10200.00	0.00	179.62	10144.13	150.21	-650.61	-113.55	0.00	
10235.87	0.00	179.62	10180.00	150.21	-650.61	-113.55	0.00	Bone Spring 2nd
10300.00	0.00	179.62	10244.13	150.21	-650.61	-113.55	0.00	
10400.00	0.00	179.62	10344.13	150.21	-650.61	-113.55	0.00	
10500.00	0.00	179.62	10444.13	150.21	-650.61	-113.55	0.00	
10600.00	0.00	179.62	10544.13	150.21	-650.61	-113.55	0.00	
10695.87	0.00	179.62	10640.00	150.21	-650.61	-113.55	0.00	3rd Bone Spring Lime
10700.00	0.00	179.62	10644.13	150.21	-650.61	-113.55	0.00	
10800.00	0.00	179.62	10744.13	150.21	-650.61	-113.55	0.00	
10900.00	0.00	179.62	10844.13	150.21	-650.61	-113.55	0.00	
11000.00	0.00	179.62	10944.13	150.21	-650.61	-113.55	0.00	
11100.00	0.00	179.62	11044.13	150.21	-650.61	-113.55	0.00	
11200.00	0.00	179.62	11144.13	150.21	-650.61	-113.55	0.00	
11300.00	0.00	179.62	11244.13	150.21	-650.61	-113.55	0.00	
11303.05	0.00	179.62	11247.18	150.21	-650.61	-113.55	0.00	KOP
11400.00	9.69	179.62	11343.67	142.02	-650.56	-105.38	10.00	
11424.79	12.17	179.62	11368.00	137.32	-650.52	-100.69	10.00	Bone Spring 3rd
11500.00	19.69	179.62	11440.27	116.69	-650.39	-80.10	10.00	
11600.00	29.69	179.62	11531.01	74.97	-650.11	-38.45	10.00	
11700.00	39.69	179.62	11613.13	18.12	-649.72	18.28	10.00	
11800.00	49.69	179.62	11684.12	-52.12	-649.25	88.39	10.00	
11900.00	59.69	179.62	11741.84	-133.63	-648.70	169.73	10.00	
12000.00	69.69	179.62	11784.53	-223.91	-648.10	259.84	10.00	
12062.55	75.95	179.62	11803.00	-283.65	-647.70	319.46	10.00	Wolfcamp / Point of Penetration
12100.00	79.69	179.62	11810.90	-320.24	-647.45	355.98	10.00	
12190.37	88.73	179.62	11820.00	-410.06	-646.85	445.63	10.00	Landing Point
12200.00	88.73	179.62	11820.21	-419.68	-646.78	455.23	0.00	
12300.00	88.73	179.62	11822.43	-519.66	-646.11	555.01	0.00	
12400.00	88.73	179.62	11824.64	-619.63	-645.44	654.79	0.00	

Haflinger 22-27 Fed Com 610H



Well: Haflinger 22-27 Fed Com 610H
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Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12500.00	88.73	179.62	11826.85	-719.60	-644.77	754.57	0.00	
12600.00	88.73	179.62	11829.07	-819.58	-644.09	854.35	0.00	
12700.00	88.73	179.62	11831.28	-919.55	-643.42	954.13	0.00	
12800.00	88.73	179.62	11833.50	-1019.52	-642.75	1053.91	0.00	
12900.00	88.73	179.62	11835.71	-1119.50	-642.08	1153.68	0.00	
13000.00	88.73	179.62	11837.92	-1219.47	-641.41	1253.46	0.00	
13100.00	88.73	179.62	11840.14	-1319.44	-640.73	1353.24	0.00	
13200.00	88.73	179.62	11842.35	-1419.42	-640.06	1453.02	0.00	
13300.00	88.73	179.62	11844.56	-1519.39	-639.39	1552.80	0.00	
13400.00	88.73	179.62	11846.78	-1619.36	-638.72	1652.58	0.00	
13500.00	88.73	179.62	11848.99	-1719.34	-638.05	1752.36	0.00	
13600.00	88.73	179.62	11851.20	-1819.31	-637.37	1852.14	0.00	
13700.00	88.73	179.62	11853.42	-1919.28	-636.70	1951.92	0.00	
13800.00	88.73	179.62	11855.63	-2019.26	-636.03	2051.69	0.00	
13900.00	88.73	179.62	11857.85	-2119.23	-635.36	2151.47	0.00	
14000.00	88.73	179.62	11860.06	-2219.20	-634.69	2251.25	0.00	
14100.00	88.73	179.62	11862.27	-2319.18	-634.01	2351.03	0.00	
14200.00	88.73	179.62	11864.49	-2419.15	-633.34	2450.81	0.00	
14300.00	88.73	179.62	11866.70	-2519.12	-632.67	2550.59	0.00	
14400.00	88.73	179.62	11868.91	-2619.09	-632.00	2650.37	0.00	
14500.00	88.73	179.62	11871.13	-2719.07	-631.32	2750.15	0.00	
14600.00	88.73	179.62	11873.34	-2819.04	-630.65	2849.93	0.00	
14700.00	88.73	179.62	11875.56	-2919.01	-629.98	2949.70	0.00	
14800.00	88.73	179.62	11877.77	-3018.99	-629.31	3049.48	0.00	
14900.00	88.73	179.62	11879.98	-3118.96	-628.64	3149.26	0.00	
15000.00	88.73	179.62	11882.20	-3218.93	-627.96	3249.04	0.00	
15100.00	88.73	179.62	11884.41	-3318.91	-627.29	3348.82	0.00	
15200.00	88.73	179.62	11886.62	-3418.88	-626.62	3448.60	0.00	
15300.00	88.73	179.62	11888.84	-3518.85	-625.95	3548.38	0.00	
15400.00	88.73	179.62	11891.05	-3618.83	-625.28	3648.16	0.00	
15500.00	88.73	179.62	11893.26	-3718.80	-624.60	3747.93	0.00	
15600.00	88.73	179.62	11895.48	-3818.77	-623.93	3847.71	0.00	
15700.00	88.73	179.62	11897.69	-3918.75	-623.26	3947.49	0.00	
15800.00	88.73	179.62	11899.91	-4018.72	-622.59	4047.27	0.00	
15900.00	88.73	179.62	11902.12	-4118.69	-621.92	4147.05	0.00	
16000.00	88.73	179.62	11904.33	-4218.67	-621.24	4246.83	0.00	
16100.00	88.73	179.62	11906.55	-4318.64	-620.57	4346.61	0.00	
16200.00	88.73	179.62	11908.76	-4418.61	-619.90	4446.39	0.00	
16300.00	88.73	179.62	11910.97	-4518.59	-619.23	4546.17	0.00	
16400.00	88.73	179.62	11913.19	-4618.56	-618.56	4645.94	0.00	
16500.00	88.73	179.62	11915.40	-4718.53	-617.88	4745.72	0.00	
16600.00	88.73	179.62	11917.61	-4818.51	-617.21	4845.50	0.00	
16700.00	88.73	179.62	11919.83	-4918.48	-616.54	4945.28	0.00	
16800.00	88.73	179.62	11922.04	-5018.45	-615.87	5045.06	0.00	
16900.00	88.73	179.62	11924.26	-5118.43	-615.20	5144.84	0.00	
17000.00	88.73	179.62	11926.47	-5218.40	-614.52	5244.62	0.00	
17100.00	88.73	179.62	11928.68	-5318.37	-613.85	5344.40	0.00	
17200.00	88.73	179.62	11930.90	-5418.35	-613.18	5444.17	0.00	
17300.00	88.73	179.62	11933.11	-5518.32	-612.51	5543.95	0.00	
17400.00	88.73	179.62	11935.32	-5618.29	-611.84	5643.73	0.00	
17500.00	88.73	179.62	11937.54	-5718.27	-611.16	5743.51	0.00	
17600.00	88.73	179.62	11939.75	-5818.24	-610.49	5843.29	0.00	
17700.00	88.73	179.62	11941.97	-5918.21	-609.82	5943.07	0.00	
17800.00	88.73	179.62	11944.18	-6018.19	-609.15	6042.85	0.00	
17900.00	88.73	179.62	11946.39	-6118.16	-608.48	6142.63	0.00	
18000.00	88.73	179.62	11948.61	-6218.13	-607.80	6242.41	0.00	
18100.00	88.73	179.62	11950.82	-6318.10	-607.13	6342.18	0.00	
18200.00	88.73	179.62	11953.03	-6418.08	-606.46	6441.96	0.00	
18300.00	88.73	179.62	11955.25	-6518.05	-605.79	6541.74	0.00	
18400.00	88.73	179.62	11957.46	-6618.02	-605.12	6641.52	0.00	
18500.00	88.73	179.62	11959.67	-6718.00	-604.44	6741.30	0.00	
18600.00	88.73	179.62	11961.89	-6817.97	-603.77	6841.08	0.00	
18700.00	88.73	179.62	11964.10	-6917.94	-603.10	6940.86	0.00	
18800.00	88.73	179.62	11966.32	-7017.92	-602.43	7040.64	0.00	
18900.00	88.73	179.62	11968.53	-7117.89	-601.75	7140.42	0.00	
19000.00	88.73	179.62	11970.74	-7217.86	-601.08	7240.19	0.00	
19100.00	88.73	179.62	11972.96	-7317.84	-600.41	7339.97	0.00	
19200.00	88.73	179.62	11975.17	-7417.81	-599.74	7439.75	0.00	
19300.00	88.73	179.62	11977.38	-7517.78	-599.07	7539.53	0.00	
19400.00	88.73	179.62	11979.60	-7617.76	-598.39	7639.31	0.00	

Haflinger 22-27 Fed Com 610H



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Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
19500.00	88.73	179.62	11981.81	-7717.73	-597.72	7739.09	0.00	
19600.00	88.73	179.62	11984.03	-7817.70	-597.05	7838.87	0.00	
19700.00	88.73	179.62	11986.24	-7917.68	-596.38	7938.65	0.00	
19800.00	88.73	179.62	11988.45	-8017.65	-595.71	8038.42	0.00	
19900.00	88.73	179.62	11990.67	-8117.62	-595.03	8138.20	0.00	
20000.00	88.73	179.62	11992.88	-8217.60	-594.36	8237.98	0.00	
20100.00	88.73	179.62	11995.09	-8317.57	-593.69	8337.76	0.00	
20200.00	88.73	179.62	11997.31	-8417.54	-593.02	8437.54	0.00	
20300.00	88.73	179.62	11999.52	-8517.52	-592.35	8537.32	0.00	
20400.00	88.73	179.62	12001.73	-8617.49	-591.67	8637.10	0.00	
20500.00	88.73	179.62	12003.95	-8717.46	-591.00	8736.88	0.00	
20600.00	88.73	179.62	12006.16	-8817.44	-590.33	8836.66	0.00	
20700.00	88.73	179.62	12008.38	-8917.41	-589.66	8936.43	0.00	
20800.00	88.73	179.62	12010.59	-9017.38	-588.99	9036.21	0.00	
20900.00	88.73	179.62	12012.80	-9117.36	-588.31	9135.99	0.00	
21000.00	88.73	179.62	12015.02	-9217.33	-587.64	9235.77	0.00	
21100.00	88.73	179.62	12017.23	-9317.30	-586.97	9335.55	0.00	
21200.00	88.73	179.62	12019.44	-9417.28	-586.30	9435.33	0.00	
21300.00	88.73	179.62	12021.66	-9517.25	-585.63	9535.11	0.00	
21400.00	88.73	179.62	12023.87	-9617.22	-584.95	9634.89	0.00	
21500.00	88.73	179.62	12026.08	-9717.19	-584.28	9734.67	0.00	
21600.00	88.73	179.62	12028.30	-9817.17	-583.61	9834.44	0.00	
21700.00	88.73	179.62	12030.51	-9917.14	-582.94	9934.22	0.00	
21800.00	88.73	179.62	12032.73	-10017.11	-582.27	10034.00	0.00	
21900.00	88.73	179.62	12034.94	-10117.09	-581.59	10133.78	0.00	
22000.00	88.73	179.62	12037.15	-10217.06	-580.92	10233.56	0.00	
22049.16	88.73	179.62	12038.24	-10266.21	-580.59	10282.61	0.00	Exit
22100.00	88.73	179.62	12039.37	-10317.03	-580.25	10333.34	0.00	
22129.16	88.73	179.62	12040.00	-10346.19	-580.08	10362.44	0.00	BHL

Haflinger 22-27 Fed Com 610H

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MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

Haflinger 22-27 Fed Com 610H

1. Geologic Formations

TVD of target	12038	Pilot hole depth	N/A
MD at TD:	22129	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	775		
Salt	1157		
Base of Salt	4627		
Cherry Canyon	5637		
Brushy Canyon	7052		
1st Bone Spring Lime	8452		
Bone Spring 1st	9569		
Bone Spring 2nd	10180		
3rd Bone Spring Lime	10640		
Bone Spring 3rd	11368		
Wolfcamp	11803		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
13 1/2	10 3/4	40 1/2	J-55	BTC	0	800	0	800
9 7/8	8 5/8	32	P110	Sprint FJ	0	11368	0	11368
7 7/8	5 1/2	20	P110	BTC	0	22129	0	12038

• All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

3. Cementing Program (Primary Design)

Assuming no returns are established while drilling, Devon requests to pump a two stage cement job on the intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy canyon to surface.

If necessary, a top out consisting of 500 sacks of Class C cement will be executed as a contingency.

Devon will report to the BLM the volume of fluid (limited to 1 bbls) used to flush intermediate casing valves following backside cementing procedures.

The final cement top will be verified by Echo-meter. Devon will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

Casing	# Sks	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	327	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	500	Surf	13.0	2.3	2nd State: Bradenhead Squeeze - Lead: Class C Cement + additives
	520	7052	13.2	1.44	Tail: Class H / C + additives
Production	117	9302	9	3.27	Lead: Class H / C + additives
	1433	11302	13.2	1.44	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate 1	30%
Prod	10%

Haflinger 22-27 Fed Com 610H

4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?		Size?	Min. Required WP	Type	✓	Tested to:
Int 1	13-5/8"	5M	Annular		X	50% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
Production	13-5/8"	10M	Annular (5M)		X	100% of rated working pressure
			Blind Ram		X	10M
			Pipe Ram			
			Double Ram		X	
			Other*			
			Annular (5M)			
			Blind Ram			
			Pipe Ram			
			Double Ram			
			Other*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.					
Y	A variance is requested to run a 5 M annular on a 10M system					

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Production	OBM	10-10.5

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
---	-----------------------------

6. Logging and Testing Procedures**Logging, Coring and Testing**

X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	6573
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H₂S) monitors will be installed prior to drilling out the surface shoe. If H₂S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

N	H ₂ S is present
Y	H ₂ S plan attached.

8. Other facets of operation

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
 - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
- 3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pad.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. At that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commence on each well.
 - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

 X Directional Plan
 Other, describe

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 158048

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 158048
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	11/28/2022