U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

04/12/2022

Well Name: FIJI 17-5 FED COM

Well Location: T23S / R31E / SEC 17 / SWNE / 32.3057433 / -103.7967466

County or Parish/State: EDDY / NM

Well Number: 124H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM045235, NMNM45235

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001547630

Well Status: Drilling Well

Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2664401

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 03/29/2022

Time Sundry Submitted: 02:57

Date proposed operation will begin: 03/29/2022

Procedure Description: Devon Energy Production Co., L.P. (Devon) respectfully requests to change our casing due to supply chain limitations. Devon is requesting to change the lower portion of our 9-5/8” intermediate casing from P-110 BTC to now be L-80HC BTC casing. See attached spec sheet.

NOI Attachments

Procedure Description

spec_sheet_20220411142529.pdf

Fiji_17_5_Fed_Com_124H_Sundry_20220329145721.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: JENNY HARMS

Signed on: APR 11, 2022 02:25 PM

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

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: 04/11/2022

Signature: Chris Walls

Fiji 17-5 Fed Com 124H

1. Geologic Formations

TVD of target	9700	Pilot hole depth	N/A
MD at TD:	22304	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	410		
Salt	720		
Base of Salt	3830		
Delaware	4080		
Bone Spring 1st	9083		
Bone Spring 2nd	9617		
Bone Spring 3rd	10800		
Wolfcamp	11230		

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

2. Casing Program

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	BTC	0	435	0	435
12 1/4	9 5/8	40	J-55	BTC	0	4500	0	4400
12 1/4	9 5/8	40	L-80HC	BTC	4500	8400	0	8200
8 3/4	5 1/2	17	P110	BTC	0	22304	0	9700

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

3. Cementing Program (Primary Design)
Assuming no returns are established while drilling, Devon requests to pump a two stage cement job on the 9-5/8'' intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (6,300') 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 + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. 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.
Devon will report to the BLM the volume of fluid (limited to 1 bbls) used to flush intermediate casing valves following backside cementing procedures.

3. Cementing Program (3-String Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft3/sack)	Slurry Description
Surface	353	Surf	13.2	1.4	Lead: Class C Cement + additives
Int 1	770	Surf	9.0	3.3	2nd Stage: Bradenhead Squeeze - Lead: Class C Cement + additives
	610	6300'	13.2	1.4	Tail: Class H / C + additives
Production	448	500' tieback	9.0	3.3	Lead: Class H /C + additives
	2603	KOP	13.2	1.4	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate	30%
Production	10%

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"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
			Annular (5M)		
			Blind Ram		
			Pipe Ram		
			Double Ram		
			Other*		

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	Brine	10-10.5
Production	WBM	8.5-9

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 sbumitted 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	
	Density	
X	CBL	Production casing
X	Mud log	KOP to TD
	PEX	

7. Drilling Conditions

Condition	Specfiy what type and where?
BH pressure at deepest TVD	4540
Abnormal temperature	No

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

Hydrogren 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	H2S is present
Y	H2S 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 nippled up and tested on the wellhead before drilling operations commences 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

Technical Data Sheet

9 5/8" 40.00 lbs/ft. L80HC - BTC

Mechanical Properties

Minimum Yield Strength	psi.	80,000
Maximum Yield Strength	psi.	95,000
Minimum Tensile Strength	psi.	95,000

Dimensions

		Pipe	BTC	LTC	STC
Outside Diameter	in.	9.625	10.625	-	-
Wall Thickness	in.	0.395	-	-	-
Inside Diameter	in.	8.835	-	-	-
Standard Drift	in.	-	-	-	-
Alternate Drift	in.	8.750	-	-	-
Plain End Weight	lbs/ft.	-	-	-	-
Nominal Linear Weight	lbs/ft.	40.00	-	-	-

Performance

		Pipe	BTC	LTC	STC
Minimum Collapse Pressure	psi.	3,870	-	-	-
Minimum Internal Yield Pressure	psi.	5,750	5,750	-	-
Minimum Pipe Body Yield Strength	lbs.	916 x 1,000	-	-	-
Joint Strength	lbs.	-	947 x 1,000	-	-

Make-Up Torques

		Pipe	BTC	LTC	STC
Make-Up Loss	in.	-	-	-	-
Optimum Make-Up Torque	ft/lbs.	-	-	-	-
Maximum Operational Make-Up Torque	ft/lbs.	-	-	-	-

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 97781

COMMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 97781
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted, John Garcia, Petroleum Engineer	8/10/2022

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jagarcia	None	8/10/2022