Form 3160-3 (June 2015) UNITED STATES		OMB No	APPROVED 5. 1004-0137 nuary 31, 2018	
DEPARTMENT OF THE INT	5. Lease Serial No.	5. Lease Serial No.		
BUREAU OF LAND MANAG	NMNM045235			
APPLICATION FOR PERMIT TO DRI	6. If Indian, Allotee	or Tribe Name		
			7. If Unit or CA Age	reement, Name and No.
1a. Type of work: Image: Constraint of the second seco	7. If Ollit of CAAgi	cement, Name and No.		
1b. Type of Well: Image: Control of Well Image: Gas Well Image: Other	8. Lease Name and	Well No.		
1c. Type of Completion: Hydraulic Fracturing ✓ Single	FIJI 17-5 FED CO	М		
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY LP			714H 9. API Well No. 30	0 015 48493
3a. Address 3b 333 WEST SHERIDAN AVE, OKLAHOMA CITY, OK 7310 (4)	Phone No. <i>(include</i>) 235-3611	e area code)	10. Field and Pool, o Sand Dunes-Wolfd	1 5
4. Location of Well <i>(Report location clearly and in accordance with</i> At surface SENE / 2480 FNL / 1310 FEL / LAT 32.304919 At proposed prod. zone LOT 1 / 20 FNL / 430 FEL / LAT 32.	5 / LONG -103.795	55803	SEC 17/T23S/R31	Blk. and Survey or Area E/NMP
14. Distance in miles and direction from nearest town or post office*			12. County or Parish EDDY	n 13. State NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1310 feet 16	5. No of acres in lease	e 17. 800	Spacing Unit dedicated to the second se	his well
to nearest well, drilling, completed,	9. Proposed Depth 520 feet / 24365 fe		BLM/BIA Bond No. in file D: NMB000801	
	2. Approximate date v /29/2021	work will start*	 * 23. Estimated durati 45 days 	on
	24. Attachments		1	
The following, completed in accordance with the requirements of Or (as applicable)	shore Oil and Gas O	rder No. 1, and	l the Hydraulic Fracturing r	ule per 43 CFR 3162.3-3
 Well plat certified by a registered surveyor. A Drilling Plan. 		to cover the ope 0 above).	erations unless covered by ar	n existing bond on file (see
3. A Surface Use Plan (if the location is on National Forest System L SUPO must be filed with the appropriate Forest Service Office).		-	n. c information and/or plans as	may be requested by the
25. Signature (Electronic Submission)	Name (Printed/I JENNY HARMS	-	583-3866	Date 05/04/2020
Title Regulatory Compliance Professional				
Regulatory Compliance Professional Approved by (Signature)	Name (Printed/T	wned)		Date
(Electronic Submission)	Cody Layton / P	-	5959	11/23/2020
Title Assistant Field Manager Lands & Minerals	Office Carlsbad Field 0	Office		
Application approval does not warrant or certify that the applicant he applicant to conduct operations thereon. Conditions of approval, if any, are attached.	olds legal or equitable	e title to those i	rights in the subject lease w	hich would entitle the
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make of the United States any false, fictitious or fraudulent statements or re				any department or agency



(Continued on page 2)

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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

				IN AND ACI	REAGE DEDIC		11		
PI Number			² Pool Code	ode ³ Pool Name					
493		96	991	Sa	nd Dunes Wolf	fcamp			
ode			⁶ Well Number						
			714H						
lo.	⁸ Operator Name ⁹ Elevati								
	DEVON ENERGY PRODUCTION COMPANY, L.P.							3339.6	
¹⁰ Surface Location									
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
17	23 S	31 E		2480	NORTH	1310	EAST	EDDY	
		пF	Bottom H	lole Location	If Different Fr	om Surface			
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
5	23 S	31 E		20 NORTH 430 EAST EDDY					
¹³ Joint	or Infill ¹⁴ C	onsolidatio	n Code	¹⁵ Order No.					
	193 ode o. Section 17 Section 5	493 ode o. Section 17 23 S Section Township 5 23 S	493 96 ode . o. DEV Section Township Range 17 23 S 31 E II J Section Township Range 5 23 S 31 E	493 96991 ode . o. DEVON ENEI Section Township Range 17 23 S 31 E I Bottom H Section Township Section Township Range 5 23 S 31 E	493 96991 Sa ode 5 Property ode 5 Property FIJI 17-5 FI o. 8 Operator DEVON ENERGY PRODUC "Bottom Hole Location Section Township Range Lot Idn 17 23 S 31 E 2480 "Bottom Hole Location Section Township Section Township Range Lot Idn Feet from the 5 23 S 31 E 20	493 96991 Sand Dunes Wolf ode 5 Property Name FIJI 17-5 FED COM o. 8 Operator Name DEVON ENERGY PRODUCTION COMPA ** Surface Location Section Township Range Lot Idn Feet from the North/South line 17 23 S 31 E 2480 NORTH ** Bottom Hole Location If Different Fr Section Township Range Lot Idn Feet from the North/South line 5 23 S 31 E 20 NORTH	96991 Sand Dunes Wolfcamp * Property Name FIJI 17-5 FED COM o. * Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P. * Surface Location Section Township Range Lot Idn Feet from the North/South line Feet from the 17 23 S 31 E 2480 NORTH 1310 ** Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the Section Township Range Lot Idn Feet from the North/South line Feet from the 5 23 S 31 E 20 NORTH 430	96991 Sand Dunes Wolfcamp * 96991 Sand Dunes Wolfcamp * Property Name FIJI 17-5 FED COM * Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P. '' Surface Location * Surface Location Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line 17 23 S 31 E 2480 NORTH 1310 EAST '' Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Feet from the EAST '' Bottom Hole Location If Different From Surface Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line 5 23 S 31 E 20 NORTH 430 EAST	

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.

NB9'42'57"E 2639.89 FT N89'42'57"E 2639.89 FT	17 OPERATOR CERTIFICATION
NW CORNER SEC. 5 LAT. = 32,34075137N E LONG = 103,80845937W S LONG = 103,80845937W S LONG = 103,80845937W S LONG = 103,79135737W	I hereby certify that the information contained herein is true and complete
NMSP EAST (FT)	to the best of my knowledge and belief, and that this organization either
N = 488094.51 [∞] L4L3L2L1 [∞] N = 488120.70 E = 703438.55 ≥	owns a working interest or unleased mineral interest in the land including
LAST TAKE POINT BOTTOM OF HOLE	the proposed bottom hole location or has a right to drill this well at this
¥ 100 [°] FNL, 430 [°] FEL LAT. = 32.34049661°N W/4 CORNER SEC. 5 LAT. = 32.3404763°N LONG. = 103.7927599°W E/4 CORNER SEC. 5 SCALED LONG. = 103.7927500°W IMMSP EAST (FT) SCALED	location pursuant to a contract with an owner of such a mineral or working
Circle 100/32/000 W Wind 2809857 E Science 29 E = 708287,30 B	interest, or to a voluntary pooling agreement or a compulsory pooling order
	heretofore entered by the division.
$\mathbb{S} = - + - SEC = 5 - + \mathbb{G}$	Conner Hanno 4-30-2020
SECTION CORNER LAT. = 32,32625797N	Signature Date
LONG. = 103.8084618'W <u>N89'43'03'E N89'43'03'E</u> LONG. = 103.7913749'W NMSP EAST (FT) 2639.71 FT QUARTER CORNER 2639.51 FT NMSP EAST (FT) N = 482821'92 L C LD L N = 482847.94	JENNY HARMS
E = 703463.60 ARE SHOWN USING THE NORTH AMERICAN DATUM	Printed Name
∛OOF 1983 (WADB3), LISTED NEW MEXICO STATE K ≱ PLANE EAST COORDINATES ARE GRID (NADB3). ₩ ∯ BASIS OF BEARING AND DISTANCES VISED ARE €	JENNY.HARMS@DVN.COM
W/4 CORNER SEC. 8 2 NEW MEXICO STATE PLANE EAST COORDINATES 8 E/4 CORNER SEC. 8	E-mail Address
LAT. = 32.31899800'N Z ARE NAVD88. LONG. = 103.803946'W SEC8 LONG. = 103.7913664'W	
NMSP EAST (FT) N = 480174.34 L SET (FT) N = 480207.40	
E = 703497.28 2	¹⁸ SURVEYOR CERTIFICATION
20 OUARTER CORNER ▶LAT. = 32/3117326 N	I hereby certify that the well location shown on this plat
은 LONG. = 108.7998687'W CREATER NUMBER TO CORNER	was plotted from field notes of actual surveys made by
LAT. = 32.3117261 N = 477550.82 B LAT. = 32.3117373 N LONG. = 103.8083913 W N89'39'36'E E = 706144.24 N89'40'33'E LONG. = 103.7913521 'W	me or under my supervision, and that the same is true
NMSP EAST (FT) N = 4775535.44 L E = 703511.29 3, FIJI 17−5 [FED COM 2]14H 2631.73 FT NMSP EAST (FT) L N = 477565.71 E = 708775.36	and correct to the best of my belief.
S ELEV. = 3339.6' No F ELEV. = 323949195'N (NAD83)	MARCH 12, 2020
≥LCNC = 103.7955803W	Date of Survey
W/4 CORNER SEC. 17 BIN = 4750788.87 LOCATION SEC. 17	Date of survey
LONG. = 103.8083875W Z FIRST TAKE POINT LONG. = 103.7913106W	
$\begin{array}{l lllllllllllllllllllllllllllllllllll$	
SW CORNER SEC. 17 ⊂S/4 CORNER SEC. 17G SE CORNER SEC. 17 LAT. = 32.2971958'N ≱LAT. = 32(2972150'N ↓ ↓ LAT. = 32.2972174'N LONG. = 103.3083321'W ↓ ↓ LONG. = 103.7913314'W	Signature and Seal of Frotesional Surveyor:
NMSP EAST (FT)	Certificate Number: DECAMONE LAB AMILLO, LS 12797
E = 703536.92 E = 706177.25 E = 708808.46	PROFSSR VANKO. 8044
58933355 ¹ W 2640.98 FT 589'41'38 ¹ W 2631.82 FT	

Received by OCD: 5/14/2021 1:49:42 PM

Х

Intent

As Drill	ed
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API #	

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION COMPANY, L.P.	FIJI 17-5 FED COM	714H

Kick Off Point (KOP)

UL H	Section 17	Township 23S	Range 31E	Lot	Feet 2500 FNL	From N/S	Feet 430 FEL	From E/W	County EDDY
	Latitude 32.30485200				Longitude -103.792	273300			NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	17	23 S	31E		2540	NORTH	430	EAST	EDDY
	Latitude 32.3047562				Longitude 103.7927	7325			NAD 83

Last Take Point (LTP)

UL A	Section 5	Township 23S	Range 31E	Lot 1	Feet 100	From N/S NORTH	Feet 430	From E/W EAST	County EDDY
Latitude					Longitud	de		NAD	
32.3404763				103.7	927600		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 #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

1220 South St. Francis Dr.

Santa Fe, NM 87505

Devon & OGRID No.: Devon Energy Production Co., L.P. 6137

Submit Original to Appropriate District Office

Page 4 of 41

GAS CAPTURE PLAN

Date: April 30, 2020

 \boxtimes Original

□ Amended - Reason for Amendment:

This Gas Capture Plan outlines actions to be taken by the Devon to reduce well/production facility flaring/venting for new completion (new drill, recomplete to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well	Footages	Expected	Flared or	Comments
		Location	_	MCF/D	Vented	
FIJI 17-5 FED COM 124H		LOT G, 17-23S-31E	2180 FNL 1670 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 125H		LOT G, 17-23S-31E	2180 FNL 1640 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 126H		LOT G, 17-23S-31E	2180 FNL 1610 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 233H		LOT H, 17-23S-31E	2330 FNL 1310 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 234H		LOT H, 17-23S-31E	2330 FNL 1280 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 333H		LOT G, 17-23S-31E	2330 FNL 1610 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 334H		LOT H, 17-23S-31E	2480 FNL 1280 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 623H		LOT G, 17-23S-31E	2330 FNL 1670 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 624H		LOT G, 17-23S-31E	2480 FNL 1340 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 713H		LOT G, 17-23S-31E	2330 FNL 1640 FEL			FIJI 17 CTB 1
FIJI 17-5 FED COM 714H		LOT H, 17-23S-31E	2480 FNL 1310 FEL			FIJI 17 CTB 1

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if DCP system is in place. The gas produced from production facility is dedicated to <u>DCP</u> and will be connected to <u>DCP</u> low/high pressure gathering system located in Lea County, New Mexico. It will require 0' of pipeline to connect the facility to low/high pressure gathering system. <u>Devon</u> provides (periodically) to <u>DCP</u> a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, <u>Devon</u> and <u>DCP</u> have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at <u>DCP</u> Processing Plant located in the reference table. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on <u>DCP</u> system at that time. Based on current information, it is <u>Devon's</u> belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

•

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
 - Compressed Natural Gas On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal On lease
 - o Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

Reference Table:

DCP Plant locations Artesia Sec. 7, T18S, R28E, Eunice Sec. 5, T21S, R36E Linam Sec. 6, T19S, R37E Zia II Sec. 19, T19S, R32E

1. Geologic Formations

TVD of target	11520	Pilot hole depth	N/A
MD at TD:	24365	Deepest expected fresh water	

Basin

Dushi		TTT () B F 1	
	Depth	Water/Mineral	
Formation	(TVD)	Bearing/Target	Hazards*
	from KB	Zone?	
		Zone:	
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.

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2. Casing Program (Primary Design)

		Wt			Casing	Interval	Casing	Interval
Hole Size	Csg. Size	(PPF)	Grade	Conn	From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48.0	H40	STC	0	435	0	435
9 7/8	8 5/8	32.0	P110	TLW	0	10800	0	10800
7 7/8	5 1/2	17.0	P110	BTC	0	24365	0	11520

• 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)

Casing	# Sks	ТОС	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	353	Surf	13.2	1.44	Lead: Class C Cement + additives
Let 1	382	Surf	9	3.27	Lead: Class C Cement + additives
Int 1	465	4000' above	13.2	1.44	Tail: Class H / C + additives
Int 1	As Needed	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
Intermediate	382	Surf	9	3.27	Lead: Class C Cement + additives
Squeeze	465	4000' above	13.2	1.44	Tail: Class H / C + additives
Production	117	8998	9.0	3.3	Lead: Class H /C + additives
Production	1769	10998	13.2	1.4	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	T	уре	~	Tested to:																							
				nular	Х	50% of rated working pressure																							
Int 1	13-58"	5M	Bline	d Ram	Х																								
Int I	15-50	51111	Pipe	e Ram		5M																							
			Doub	le Ram	X	5141																							
			Other*																										
			Annul	ar (5M)	X	50% of rated working pressure																							
Production	13-5/8"	5M	Blind Ram		Х																								
Floduction		15-5/8	15-5/8	15-5/8	15-5/8	JIVI	JIVI	5101	5101	JIVI	51111	51111	JIVI	JIVI	JIVI	5101	5101	5101	5101	5101	Pipe	e Ram							
			Double Ram		Х	JIVI																							
			Other*																										
			Annul	ar (5M)																									
			Bline	d Ram																									
			Pipe Ram																										
			Doub	le Ram]																							
			Other*																										
N A variance is requested for	the use of a	a diverter or	n the surface	casing. See	attached for s	chematic.																							
Y A variance is requested to r	A variance is requested to run a 5 M annular on a 10M system																												

4. Pressure Control Equipment (Three String Design)

5. Mud Program (Three String Design)

Section	Туре	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 manifor the lass on asin of fluid?	PVT/Pason/Visual Monitoring
What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring

6. Logging and Testing Procedures

Logging, C	oring and Testing
	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the
Х	Completion Rpeort 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	Int. shoe to KOP
	Density	Int. shoe to KOP
Х	CBL	Production casing
Х	Mud log	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specfiy what type and where?
BH pressure at deepest TVD	6290
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.

Ν	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 pa.
- 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. A 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





Commitment Runs Deep



Design Plan Operation and Maintenance Plan Closure Plan

SENM - Closed Loop Systems June 2010

I. Design Plan

Devon uses MI SWACO closed loop system (CLS). The MI SWACO CLS is designed to maintain drill solids at or below 5%. The equipment is arranged to progressively remove solids from the largest to the smallest size. Drilling fluids can thus be reused and savings is realized on mud and disposal costs. Dewatering may be required with the centrifuges to insure removal of ultra fine solids.

The drilling location is constructed to allow storm water to flow to a central sump normally the cellar. This insures no contamination leaves the drilling pad in the event of a spill. Storm water is reused in the mud system or stored in a reserve fluid tank farm until it can be reused. All lubricants, oils, or chemicals are removed immediately from the ground to prevent the contamination of storm water. An oil trap is normally installed on the sump if an oil spill occurs during a storm.

A tank farm is utilized to store drilling fluids including fresh water and brine fluids. The tank farm is constructed on a 20 ml plastic lined, bermed pad to prevent the contamination of the drilling site during a spill. Fluids from other sites may be stored in these tanks for processing by the solids control equipment and reused in the mud system. At the end of the well the fluids are transported from the tank farm to an adjoining well or to the next well for the rig.

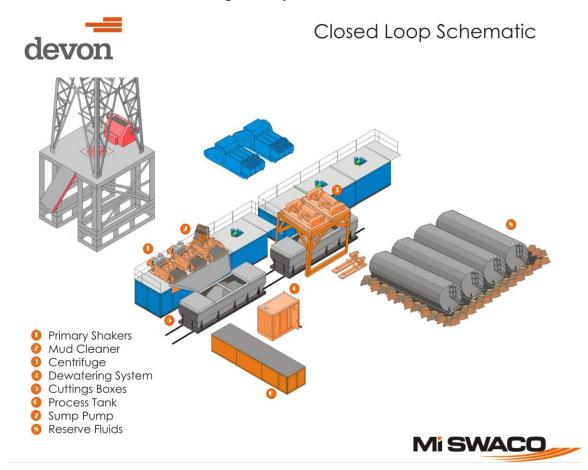
Prior to installing a closed-loop system on site, the topsoil, if present, will be stripped and stockpiled for use as the final cover or fill at the time of closure.

Signs will be posted on the fence surrounding the closed-loop system unless the closed-loop system is located on a site where there is an existing well, that is operated by Devon.

II. Operations and Maintenance Plan

Primary Shakers: The primary shakers make the first removal of drill solids from the drilling mud as it leaves the well bore. The shakers are sized to handle maximum drilling rate at optimal screen size. The shakers normally remove solids down to 74 microns.

Mud Cleaner: The Mud Cleaner cleans the fluid after it leaves the shakers. A set of hydrocyclones are sized to handle 1.25 to 1.5 times the maximum circulating rate. This ensures all the fluid is being processed to an average cut point of 25 microns. The wet discharged is dewatered on a shaker equipped with ultra fine mesh screens and generally cut at 40 microns.



Centrifuges: The centrifuges can be one or two in number depending on the well geometry or depth of well. The centrifuges are sized to maintain low gravity solids at 5% or below. They may or may not need a dewatering system to enhance the removal rates. The centrifuges can make a cut point of 8-10 microns depending on bowl speed, feed rate, solids loading and other factors.

The centrifuge system is designed to work on the active system and be flexible to process incoming fluids from other locations. This set-up is also dependent on well factors.

Dewatering System: The dewatering system is a chemical mixing and dosing system designed to enhance the solids removal of the centrifuge. Not commonly used in shallow wells. It may contain pH adjustment, coagulant mixing and dosing, and polymer mixing and dosing. Chemical flocculation binds ultra fine solids into a mass that is within the centrifuge operating design. The

dewatering system improves the centrifuge cut point to infinity or allows for the return of clear water or brine fluid. This ability allows for the ultimate control of low gravity solids.

Cuttings Boxes: Cuttings boxes are utilized to capture drill solids that are discarded from the solids control equipment. These boxes are set upon a rail system that allows for the removal and replacement of a full box of cuttings with an empty one. They are equipped with a cover that insures no product is spilled into the environment during the transportation phase.

Process Tank: (Optional) The process tank allows for the holding and process of fluids that are being transferred into the mud system. Additionally, during times of lost circulation the process tank may hold active fluids that are removed for additional treatment. It can further be used as a mixing tank during well control conditions.

Sump and Sump Pump: The sump is used to collect storm water and the pump is used to transfer this fluid to the active system or to the tank for to hold in reserve. It can also be used to collect fluids that may escape during spills. The location contains drainage ditches that allow the location fluids to drain to the sump.

Reserve Fluids (Tank Farm): A series of frac tanks are used to replace the reserve pit. These are steel tanks that are equipped with a manifold system and a transfer pump. These tanks can contain any number of fluids used during the drilling process. These can include fresh water, cut brine, and saturated salt fluid. The fluid can be from the active well or reclaimed fluid from other locations. A 20 ml liner and berm system is employed to ensure the fluids do not migrate to the environment during a spill.

If a leak develops, the appropriate division district office will be notified within 48 hours of the discovery and the leak will be addressed. Spill prevention is accomplished by maintaining pump packing, hoses, and pipe fittings to insure no leaks are occurring. During an upset condition the source of the spill is isolated and repaired as soon as it is discovered. Free liquid is removed by a diaphragm pump and returned to the mud system. Loose topsoil may be used to stabilize the spill and the contaminated soil is excavated and placed in the cuttings boxes. After the well is finished and the rig has moved, the entire location is scrapped and testing will be performed to determine if a release has occurred.

All trash is kept in a wire mesh enclosure and removed to an approved landfill when full. All spent motor oils are kept in separate containers and they are removed and sent to an approved recycling center. Any spilled lubricants, pipe dope, or regulated chemicals are removed from soil and sent to landfills approved for these products.

These operations are monitored by Mi Swaco service technicians. Daily logs are maintained to ensure optimal equipment operation and maintenance. Screen and chemical use is logged to maintain inventory control. Fluid properties are monitored and recorded and drilling mud volumes are accounted for in the mud storage farm. This data is kept for end of well review to insure performance goals are met. Lessons learned are logged and used to help with continuous improvement.

A MI SWACO field supervisor manages from 3-5 wells. They are responsible for training personnel, supervising installations, and inspecting sites for compliance of MI SWACO safety and operational policy.

III. Closure Plan

A maximum 340' X 340' caliche pad is built per well. All of the trucks and steel tanks fit on this pad. All fluid cuttings go to the steel tanks to be hauled by various trucking companies to an agency approved disposal.

WCDSC Permian NM

Eddy County (NAD 83 NM Eastern) Sec 17-T23S-R31E Fiji 17-5 Fed Com 714H

Wellbore #1

Plan: Permit Plan 1

Standard Planning Report - Geographic

26 April, 2020

Database: Company: Project: Site: Well: Wellbore: Design:	WCD Eddy Sec Fiji 1 Wellt	r5000.141_Pro SC Permian N County (NAD 17-T23S-R31E 7-5 Fed Com 7 pore #1 hit Plan 1	M 83 NM Eastern))	TVD Refer MD Refer North Ref	TVD Reference:HMD Reference:HNorth Reference:H			Well Fiji 17-5 Fed Com 714H RKB @ 3364.60ft RKB @ 3364.60ft Grid Minimum Curvature		
Project	Eddy	County (NAD 8	3 NM Eastern)								
Map System: Geo Datum: Map Zone:	North A	te Plane 1983 merican Datum exico Eastern Z			System Dat	tum:	Me	ean Sea Level			
Site	Sec 1	7-T23S-R31E									
Site Position: From: Position Uncert	Ma tainty:	•	North Eastii 0.00 ft Slot F	-		,535.44 usft ,511.29 usft 13-3/16 "	Latitude: Longitude: Grid Converg	ence:		32.311726 -103.808392 0.28 °	
Well	Fiji 17-	5 Fed Com 71	4H								
Well Position Position Uncert	+N/-S +E/-W tainty		0.00 ft Ea	orthing: asting: ellhead Elevat	tion:	475,078.87 707,481.54	usft Lor	tude: gitude: und Level:		32.304920 -103.795581 3,339.60 ft	
Wellbore	Wellb	ore #1									
Magnetics	М	odel Name	Sampl	e Date	Declina (°)	tion	Dip A (°	-		Strength nT)	
		IGRF2015	5	4/13/2020		6.76		60.06	47,	672.84115611	
Design	Permi	t Plan 1									
Audit Notes:											
Version:			Phas	e: F	PROTOTYPE	Tie	On Depth:		0.00		
Vertical Section	n:		Depth From (T (ft)	VD)	+N/-S (ft)		/-W ft)	Dir	ection (°)		
			0.00		0.00		00	:	3.54		
Plan Survey To Depth Fro (ft) 1	om Dep (†		4/26/2020 y (Wellbore) Plan 1 (Wellbo	re #1)	Tool Name MWD+HDGM OWSG MWD		Remarks				
Plan Sections											
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target	
0.00 2,600.00	0.00 0.00 6.75	0.00 0.00 91.30	0.00 2,600.00 3,273.75	0.00 0.00 -0.90	0.00 0.00 39.74	0.00 0.00 1.00	0.00 0.00 1.00	0.00 0.00 0.00	0.00 0.00 91.30		
3,275.31	6 75	91.30	10,147.84	-19.40	853.51	0.00 1.50	0.00 -1.50	0.00 0.00	0.00 180.00		
3,275.31 10,197.42 10,647.63 10,997.67 11,897.67	6.75 0.00 0.00 90.00	0.00 0.00 359.67	10,597.00 10,947.04 11,520.00	-20.00 -20.00 552.95	880.00 880.00 876.74	0.00	0.00	0.00	0.00	PBHL - Fiji 17-5 Fed (

Database:	EDM r5000.141_Prod US	Local Co-ordinate Reference:	Well Fiji 17-5 Fed Com 714H
Company:	WCDSC Permian NM	TVD Reference:	RKB @ 3364.60ft
Project:	Eddy County (NAD 83 NM Eastern)	MD Reference:	RKB @ 3364.60ft
Site:	Sec 17-T23S-R31E	North Reference:	Grid
Well:	Fiji 17-5 Fed Com 714H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 1		

Planned Survey

Measured Depth (ft)	Inclination	Azimuth	Vertical Depth (ft)	+N/-S	+E/-W	Map Northing (usft)	Map Easting (usft)		
	(°)	(°)		(ft)	(ft)	. ,	. ,	Latitude	Longitude
0.00		0.00	0.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
100.00 200.00		0.00 0.00	100.00 200.00	0.00 0.00	0.00 0.00	475,078.87 475.078.87	707,481.54 707,481.54	32.304920 32.304920	-103.795581 -103.795581
300.00		0.00	200.00	0.00	0.00	475,078.87	707,481.54 707,481.54	32.304920	-103.795581
400.00		0.00	400.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
500.00		0.00	500.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
600.00		0.00	600.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
700.00	0.00	0.00	700.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
800.00		0.00	800.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
900.00	0.00	0.00	900.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,000.00	0.00	0.00	1,000.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,100.00		0.00	1,100.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,200.00	0.00	0.00	1,200.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,300.00		0.00	1,300.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,400.00		0.00	1,400.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,500.00		0.00	1,500.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,600.00		0.00	1,600.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,700.00		0.00	1,700.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,800.00		0.00	1,800.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
1,900.00 2,000.00		0.00 0.00	1,900.00 2,000.00	0.00 0.00	0.00 0.00	475,078.87 475,078.87	707,481.54 707,481.54	32.304920 32.304920	-103.795581 -103.795581
2,000.00		0.00	2,000.00	0.00	0.00	475.078.87	707,481.54	32.304920	-103.795581
2,100.00		0.00	2,100.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
2,300.00		0.00	2,200.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
2,400.00		0.00	2,400.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
2,500.00		0.00	2,500.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
2,600.00		0.00	2,600.00	0.00	0.00	475,078.87	707,481.54	32.304920	-103.795581
2,700.00	1.00	91.30	2,699.99	-0.02	0.87	475,078.85	707,482.41	32.304920	-103.795578
2,800.00	2.00	91.30	2,799.96	-0.08	3.49	475,078.79	707,485.03	32.304919	-103.795569
2,900.00	3.00	91.30	2,899.86	-0.18	7.85	475,078.69	707,489.39	32.304919	-103.795555
3,000.00		91.30	2,999.68	-0.32	13.95	475,078.55	707,495.49	32.304919	-103.795535
3,100.00		91.30	3,099.37	-0.50	21.80	475,078.38	707,503.33	32.304918	-103.795510
3,200.00		91.30	3,198.90	-0.71	31.38	475,078.16	707,512.91	32.304917	-103.795479
3,275.31	6.75	91.30	3,273.75	-0.90	39.74	475,077.97	707,521.28	32.304917	-103.795452
3,300.00		91.30	3,298.27	-0.97	42.64	475,077.90	707,524.18	32.304916	-103.795443
3,400.00		91.30	3,397.57	-1.24 -1.50	54.40	475,077.63	707,535.94	32.304915	-103.795405 -103.795366
3,500.00 3,600.00		91.30 91.30	3,496.88 3,596.18	-1.50 -1.77	66.16 77.91	475,077.37 475,077.10	707,547.69 707,559.45	32.304915 32.304914	-103.795328
3,700.00		91.30 91.30	3,695.49	-1.77	89.67	475,076.83	707,559.45	32.304914	-103.795290
3,800.00	6.75	91.30	3,794.80	-2.04	101.42	475,076.57	707,582.96	32.304912	-103.795252
3,900.00		91.30	3,894.10	-2.57	113.18	475,076.30	707,594.72	32.304911	-103.795214
4,000.00	6.75	91.30	3,993.41	-2.84	124.94	475,076.03	707,606.47	32.304910	-103.795176
4,100.00		91.30	4,092.72	-3.11	136.69	475,075.76	707,618.23	32.304909	-103.795138
4,200.00		91.30	4,192.02	-3.37	148.45	475,075.50	707,629.98	32.304908	-103.795100
4,300.00		91.30	4,291.33	-3.64	160.20	475,075.23	707,641.74	32.304907	-103.795062
4,400.00		91.30	4,390.63	-3.91	171.96	475,074.96	707,653.50	32.304906	-103.795024
4,500.00	6.75	91.30	4,489.94	-4.18	183.72	475,074.70	707,665.25	32.304906	-103.794986
4,600.00	6.75	91.30	4,589.25	-4.44	195.47	475,074.43	707,677.01	32.304905	-103.794948
4,700.00		91.30	4,688.55	-4.71	207.23	475,074.16	707,688.76	32.304904	-103.794910
4,800.00		91.30	4,787.86	-4.98	218.98	475,073.89	707,700.52	32.304903	-103.794872
4,900.00		91.30	4,887.17	-5.24	230.74	475,073.63	707,712.28	32.304902	-103.794834
5,000.00		91.30	4,986.47	-5.51	242.50	475,073.36	707,724.03	32.304901	-103.794796
5,100.00		91.30	5,085.78	-5.78	254.25	475,073.09	707,735.79	32.304900	-103.794758
5,200.00		91.30	5,185.08	-6.05	266.01	475,072.82	707,747.54	32.304899	-103.794720
5,300.00	6.75	91.30	5,284.39	-6.31	277.76	475,072.56	707,759.30	32.304898	-103.794682

4/26/2020 8:08:19PM

COMPASS 5000.14 Build 85

Database:	EDM r5000.141 Prod US	Local Co-ordinate Reference:	Well Fiji 17-5 Fed Com 714H
Company:	WCDSC Permian NM	TVD Reference:	RKB @ 3364.60ft
Project:	Eddy County (NAD 83 NM Eastern)	MD Reference:	RKB @ 3364.60ft
Site:	Sec 17-T23S-R31E	North Reference:	Grid
Well:	Fiji 17-5 Fed Com 714H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 1		

Planned Survey

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Map Northing	Map Easting		
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)	Latitude	Longitude
5,400.00	6.75	91.30	5,383.70	-6.58	289.52	475,072.29	707,771.06	32.304898	-103.794644
5,500.00		91.30	5,483.00	-6.85	301.28	475,072.02	707,782.81	32.304897	-103.794606
5,600.00		91.30	5,582.31	-7.11	313.03	475,071.76	707,794.57	32.304896	-103.794568
5,700.00		91.30	5,681.62	-7.38	324.79	475,071.49	707,806.32	32.304895	-103.794530
5,800.00		91.30	5,780.92	-7.65	336.54	475,071.22	707,818.08	32.304894	-103.794491
5,900.00		91.30	5,880.23 5,979.53	-7.92	348.30 360.06	475,070.95	707,829.84	32.304893 32.304892	-103.794453 -103.794415
6,000.00 6,100.00		91.30 91.30	5,979.53 6,078.84	-8.18 -8.45	360.06	475,070.69 475,070.42	707,841.59 707,853.35	32.304892 32.304891	-103.794415 -103.794377
6,200.00		91.30	6,178.15	-8.43	383.57	475,070.42	707,865.10	32.304890	-103.794339
6,300.00		91.30	6,277.45	-8.98	395.32	475,069.89	707,876.86	32.304889	-103.794301
6,400.00		91.30	6,376.76	-9.25	407.08	475,069.62	707,888.62	32.304889	-103.794263
6,500.00		91.30	6,476.07	-9.52	418.84	475,069.35	707,900.37	32.304888	-103.794225
6,600.00		91.30	6,575.37	-9.79	430.59	475,069.08	707,912.13	32.304887	-103.794187
6,700.00	6.75	91.30	6,674.68	-10.05	442.35	475,068.82	707,923.88	32.304886	-103.794149
6,800.00	6.75	91.30	6,773.98	-10.32	454.10	475,068.55	707,935.64	32.304885	-103.794111
6,900.00	6.75	91.30	6,873.29	-10.59	465.86	475,068.28	707,947.40	32.304884	-103.794073
7,000.00	6.75	91.30	6,972.60	-10.85	477.62	475,068.02	707,959.15	32.304883	-103.794035
7,100.00		91.30	7,071.90	-11.12	489.37	475,067.75	707,970.91	32.304882	-103.793997
7,200.00	6.75	91.30	7,171.21	-11.39	501.13	475,067.48	707,982.66	32.304881	-103.793959
7,300.00		91.30	7,270.52	-11.66	512.88	475,067.21	707,994.42	32.304880	-103.793921
7,400.00		91.30	7,369.82	-11.92	524.64	475,066.95	708,006.18	32.304880	-103.793883
7,500.00		91.30	7,469.13	-12.19	536.40	475,066.68	708,017.93	32.304879	-103.793845
7,600.00		91.30	7,568.43	-12.46	548.15	475,066.41	708,029.69	32.304878	-103.793807
7,700.00		91.30 91.30	7,667.74 7,767.05	-12.73 -12.99	559.91 571.66	475,066.15 475,065.88	708,041.44 708,053.20	32.304877 32.304876	-103.793769 -103.793731
7,800.00 7,900.00		91.30 91.30	7,866.35	-12.99	571.00	475,065.61	708,064.96	32.304875	-103.793693
8,000.00		91.30	7,965.66	-13.20	595.18	475,065.34	708,076.71	32.304874	-103.793654
8,100.00		91.30	8,064.96	-13.79	606.93	475,065.08	708,088.47	32.304873	-103.793616
8,200.00	6.75	91.30	8,164.27	-14.06	618.69	475,064.81	708,100.22	32.304872	-103.793578
8,300.00		91.30	8,263.58	-14.33	630.44	475,064.54	708,111.98	32.304871	-103.793540
8,400.00		91.30	8,362.88	-14.60	642.20	475,064.28	708,123.74	32.304871	-103.793502
8,500.00	6.75	91.30	8,462.19	-14.86	653.96	475,064.01	708,135.49	32.304870	-103.793464
8,600.00	6.75	91.30	8,561.50	-15.13	665.71	475,063.74	708,147.25	32.304869	-103.793426
8,700.00		91.30	8,660.80	-15.40	677.47	475,063.47	708,159.00	32.304868	-103.793388
8,800.00	6.75	91.30	8,760.11	-15.66	689.22	475,063.21	708,170.76	32.304867	-103.793350
8,900.00		91.30	8,859.41	-15.93	700.98	475,062.94	708,182.52	32.304866	-103.793312
9,000.00		91.30	8,958.72	-16.20	712.74	475,062.67	708,194.27	32.304865	-103.793274
9,100.00		91.30	9,058.03	-16.47	724.49	475,062.40	708,206.03	32.304864	-103.793236
9,200.00		91.30	9,157.33	-16.73	736.25	475,062.14	708,217.78	32.304863	-103.793198
9,300.00	6.75	91.30	9,256.64	-17.00	748.00	475,061.87	708,229.54 708,241.30	32.304863 32.304862	-103.793160
9,400.00 9,500.00	6.75 6.75	91.30 91.30	9,355.95 9,455.25	-17.27 -17.53	759.76 771.52	475,061.60 475,061.34	708,241.30	32.304862	-103.793122 -103.793084
9,600.00		91.30 91.30	9,455.25 9,554.56	-17.55	783.27	475,061.07	708,253.05	32.304860	-103.793046
9,700.00		91.30	9,653.86	-18.07	795.03	475,060.80	708,276.56	32.304859	-103.793008
9,800.00		91.30	9,753.17	-18.34	806.79	475,060.53	708,288.32	32.304858	-103.792970
9,900.00		91.30	9,852.48	-18.60	818.54	475,060.27	708,300.08	32.304857	-103.792932
10,000.00		91.30	9,951.78	-18.87	830.30	475,060.00	708,311.83	32.304856	-103.792894
10,100.00		91.30	10,051.09	-19.14	842.05	475,059.73	708,323.59	32.304855	-103.792856
10,197.42	6.75	91.30	10,147.84	-19.40	853.51	475,059.47	708,335.04	32.304854	-103.792818
10,200.00		91.30	10,150.40	-19.40	853.81	475,059.47	708,335.34	32.304854	-103.792818
10,300.00	5.21	91.30	10,249.85	-19.64	864.20	475,059.23	708,345.73	32.304854	-103.792784
10,400.00	3.71	91.30	10,349.54	-19.82	871.98	475,059.05	708,353.51	32.304853	-103.792759
10,500.00		91.30	10,449.41	-19.94	877.15	475,058.94	708,358.68	32.304853	-103.792742
10,600.00		91.30	10,549.37	-19.99	879.70	475,058.88	708,361.24	32.304852	-103.792734
10,647.63	0.00	0.00	10,597.00	-20.00	880.00	475,058.87	708,361.53	32.304852	-103.792733

4/26/2020 8:08:19PM

COMPASS 5000.14 Build 85

Database:	EDM r5000.141_Prod US	Local Co-ordinate Reference:	Well Fiji 17-5 Fed Com 714H
Company:	WCDSC Permian NM	TVD Reference:	RKB @ 3364.60ft
Project:	Eddy County (NAD 83 NM Eastern)	MD Reference:	RKB @ 3364.60ft
Site:	Sec 17-T23S-R31E	North Reference:	Grid
Well:	Fiji 17-5 Fed Com 714H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 1		

Planned Survey

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Map Northing	Map Easting		
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)	Latitude	Longitude
10,700.00	0.00	0.00	10,649.37	-20.00	880.00	475,058.87	708,361.53	32.304852	-103.792733
10,800.00	0.00	0.00	10,749.37	-20.00	880.00	475,058.87	708,361.53	32.304852	-103.792733
10,900.00	0.00	0.00	10,849.37	-20.00	880.00	475,058.87	708,361.53	32.304852	-103.792733
10,997.67	0.00	0.00	10,947.04	-20.00	880.00	475,058.87	708,361.53	32.304852	-103.792733
KOP & F	TP @ 10998' I	MD, 2500' FN	L, 430' FEL						
11,000.00	0.23	359.67	10,949.37	-20.00	880.00	475,058.88	708,361.53	32.304852	-103.792733
11,100.00	10.23	359.67	11,048.83	-10.89	879.95	475,067.98	708,361.48	32.304877	-103.792733
11,200.00	20.23	359.67	11,145.19	15.35	879.80	475,094.23	708,361.33	32.304950	-103.792733
11,300.00	30.23	359.67	11,235.54	57.93	879.56	475,136.80	708,361.09	32.305067	-103.792733
11,400.00	40.23	359.67	11,317.11	115.55	879.23	475,194.42	708,360.76	32.305225	-103.792733
11,500.00	50.23	359.67	11,387.45	186.45	878.82	475,265.32	708,360.36	32.305420	-103.792733
11,600.00	60.23	359.67	11,444.40	268.50	878.36	475,347.37	708,359.89	32.305645	-103.792733
11,700.00	70.23	359.67	11,486.24	359.18	877.84	475,438.05	708,359.38	32.305895	-103.792734
11,800.00	80.23	359.67	11,511.69	455.75	877.29	475,534.62	708,358.83	32.306160	-103.792734
11,897.67	90.00	359.67	11,520.00	552.95	876.74	475,631.82	708,358.27	32.306427	-103.792734
11,900.00	90.00	359.67	11,520.00	555.28	876.72	475,634.15	708,358.26	32.306434	-103.792734
12,000.00	90.00	359.67	11,520.00	655.28	876.16	475,734.15	708,357.69	32.306709	-103.792734
12,100.00	90.00	359.67	11,520.00	755.28	875.59	475,834.14	708,357.12	32.306984	-103.792734
12,200.00	90.00	359.67	11,520.00	855.27	875.02	475,934.14	708,356.55	32.307258	-103.792735
12,300.00	90.00	359.67	11,520.00	955.27	874.45	476,034.14	708,355.98	32.307533	-103.792735
12,400.00	90.00	359.67	11,520.00	1,055.27	873.88	476,134.14	708,355.41	32.307808	-103.792735
12,500.00	90.00	359.67	11,520.00	1,155.27	873.31	476,234.14	708,354.84	32.308083	-103.792735
12,600.00	90.00	359.67	11,520.00	1,255.27	872.74	476,334.14	708,354.27	32.308358	-103.792735
12,700.00	90.00	359.67	11,520.00	1,355.27	872.17	476,434.13	708,353.70	32.308633	-103.792736
12,800.00	90.00	359.67	11,520.00	1,455.26	871.60	476,534.13	708,353.14	32.308908	-103.792736
12,900.00	90.00	359.67	11,520.00	1,555.26	871.03	476,634.13	708,352.57	32.309183	-103.792736
13,000.00	90.00	359.67	11,520.00	1,655.26	870.46	476,734.13	708,352.00	32.309457	-103.792736
13,100.00	90.00	359.67	11,520.00	1,755.26	869.89	476,834.13	708,351.43	32.309732	-103.792736
13,200.00	90.00	359.67	11,520.00	1,855.26	869.32	476,934.12	708,350.86	32.310007	-103.792737
13,300.00	90.00	359.67	11,520.00	1,955.26	868.75	477,034.12	708,350.29	32.310282	-103.792737
13,400.00	90.00	359.67	11,520.00	2,055.25	868.19	477,134.12	708,349.72	32.310557	-103.792737
13,500.00	90.00	359.67	11,520.00	2,155.25	867.62	477,234.12	708,349.15	32.310832	-103.792737
13,600.00	90.00	359.67	11,520.00	2,255.25	867.05	477,334.12	708,348.58	32.311107	-103.792738
13,700.00	90.00	359.67	11,520.00	2,355.25	866.48	477,434.12	708,348.01	32.311382	-103.792738
13,800.00	90.00	359.67	11,520.00	2,455.25	865.91	477,534.11	708,347.44	32.311656	-103.792738
13,825.00	90.00	359.67	11,520.00	2,480.25	865.77	477,559.11	708,347.30	32.311725	-103.792738
	ection @ 1382	-	-						
13,900.00	90.00	359.67	11,520.00	2,555.25	865.34	477,634.11	708,346.87	32.311931	-103.792738
14,000.00	90.00	359.67	11,520.00	2,655.25	864.77	477,734.11	708,346.30	32.312206	-103.792738
14,100.00	90.00	359.67	11,520.00	2,755.24	864.20	477,834.11	708,345.73	32.312481	-103.792739
14,200.00	90.00	359.67	11,520.00	2,855.24	863.63	477,934.11	708,345.16	32.312756	-103.792739
14,300.00	90.00	359.67	11,520.00	2,955.24	863.06	478,034.10	708,344.60	32.313031	-103.792739
14,400.00		359.67	11,520.00	3,055.24	862.49	478,134.10	708,344.03	32.313306	-103.792739
14,500.00	90.00	359.67	11,520.00	3,155.24	861.92	478,234.10	708,343.46	32.313581	-103.792739
14,600.00		359.67	11,520.00	3,255.24	861.35	478,334.10	708,342.89	32.313855	-103.792740
14,700.00		359.67	11,520.00	3,355.23	860.78	478,434.10	708,342.32	32.314130	-103.792740
14,800.00	90.00	359.67	11,520.00	3,455.23	860.21	478,534.10	708,341.75	32.314405	-103.792740
14,900.00	90.00	359.67	11,520.00	3,555.23	859.65	478,634.09	708,341.18	32.314680	-103.792740
15,000.00	90.00	359.67	11,520.00	3,655.23	859.08	478,734.09	708,340.61	32.314955	-103.792740
15,100.00	90.00	359.67	11,520.00	3,755.23	858.51	478,834.09	708,340.04	32.315230	-103.792741
15,200.00	90.00	359.67	11,520.00	3,855.23	857.94	478,934.09	708,339.47	32.315505	-103.792741
15,300.00	90.00	359.67	11,520.00	3,955.22	857.37	479,034.09	708,338.90	32.315780	-103.792741
15,400.00	90.00	359.67	11,520.00	4,055.22	856.80	479,134.08	708,338.33	32.316054	-103.792741
15,500.00	90.00	359.67	11,520.00	4,155.22	856.23	479,234.08	708,337.76	32.316329	-103.792742

Database:	EDM r5000.141 Prod US	Local Co-ordinate Reference:	Well Fiji 17-5 Fed Com 714H
	—	Local Co-oruinate Reference.	
Company:	WCDSC Permian NM	TVD Reference:	RKB @ 3364.60ft
Project:	Eddy County (NAD 83 NM Eastern)	MD Reference:	RKB @ 3364.60ft
Site:	Sec 17-T23S-R31E	North Reference:	Grid
Well:	Fiji 17-5 Fed Com 714H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 1		

Planned Survey

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Map Northing	Map Easting		
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)	Latitude	Longitude
15,600.00		359.67	11,520.00	4,255.22	855.66	479,334.08	708,337.19	32.316604	-103.792742
15,700.00		359.67	11,520.00	4,355.22	855.09	479,434.08	708,336.62	32.316879	-103.792742
15,800.00	90.00	359.67	11,520.00	4,455.22	854.52	479,534.08	708,336.06	32.317154	-103.792742
15,900.00	90.00	359.67	11,520.00	4,555.21	853.95	479,634.08	708,335.49	32.317429	-103.792742
16,000.00		359.67	11,520.00	4,655.21	853.38	479,734.07	708,334.92	32.317704	-103.792743
16,100.00	90.00	359.67	11,520.00	4,755.21	852.81	479,834.07	708,334.35	32.317979	-103.792743
16,200.00		359.67	11,520.00	4,855.21	852.24	479,934.07	708,333.78	32.318254	-103.792743
16,300.00		359.67	11,520.00	4,955.21	851.67	480,034.07	708,333.21	32.318528	-103.792743
16,400.00		359.67	11,520.00	5,055.21	851.11	480,134.07	708,332.64	32.318803	-103.792743
16,500.00		359.67	11,520.00	5,155.20	850.54	480,234.06	708,332.07	32.319078	-103.792744
16,600.00		359.67	11,520.00	5,255.20	849.97	480,334.06	708,331.50	32.319353	-103.792744
16,700.00		359.67	11,520.00	5,355.20	849.40	480,434.06	708,330.93	32.319628	-103.792744
16,800.00		359.67	11,520.00	5,455.20	848.83	480,534.06	708,330.36	32.319903	-103.792744
16,900.00		359.67	11,520.00	5,555.20	848.26	480,634.06	708,329.79	32.320178	-103.792744
17,000.00		359.67	11,520.00	5,655.20	847.69	480,734.06	708,329.22	32.320453	-103.792745
17,100.00		359.67	11,520.00	5,755.19	847.12	480,834.05	708,328.65	32.320727	-103.792745
17,200.00		359.67	11,520.00	5,855.19	846.55	480,934.05	708,328.09	32.321002	-103.792745
17,300.00		359.67	11,520.00	5,955.19	845.98 845.41	481,034.05	708,327.52	32.321277	-103.792745
17,400.00 17,500.00		359.67 359.67	11,520.00 11,520.00	6,055.19 6,155.19	844.84	481,134.05 481,234.05	708,326.95 708,326.38	32.321552 32.321827	-103.792746 -103.792746
17,600.00		359.67	11,520.00	6,255.19	844.84 844.27	481,334.04	708,325.81	32.321027	-103.792746
17,700.00		359.67	11,520.00	6,355.19	843.70	481,434.04	708,325.24	32.322377	-103.792746
17,800.00		359.67	11,520.00	6,455.18	843.14	481,534.04	708,324.67	32.322652	-103.792746
17,900.00		359.67	11,520.00	6,555.18	842.57	481,634.04	708,324.10	32.322926	-103.792747
18,000.00		359.67	11,520.00	6,655.18	842.00	481,734.04	708,323.53	32.323201	-103.792747
18,100.00		359.67	11,520.00	6,755.18	841.43	481,834.04	708,322.96	32.323476	-103.792747
18,200.00		359.67	11,520.00	6,855.18	840.86	481,934.03	708,322.39	32.323751	-103.792747
18,300.00		359.67	11,520.00	6,955.18	840.29	482,034.03	708,321.82	32.324026	-103.792747
18,400.00		359.67	11,520.00	7,055.17	839.72	482,134.03	708,321.25	32.324301	-103.792748
18,500.00		359.67	11,520.00	7,155.17	839.15	482,234.03	708,320.68	32.324576	-103.792748
18,600.00		359.67	11,520.00	7,255.17	838.58	482,334.03	708,320.11	32.324851	-103.792748
18,700.00		359.67	11,520.00	7,355.17	838.01	482,434.02	708,319.55	32.325125	-103.792748
18,800.00	90.00	359.67	11,520.00	7,455.17	837.44	482,534.02	708,318.98	32.325400	-103.792748
18,900.00	90.00	359.67	11,520.00	7,555.17	836.87	482,634.02	708,318.41	32.325675	-103.792749
19,000.00	90.00	359.67	11,520.00	7,655.16	836.30	482,734.02	708,317.84	32.325950	-103.792749
19,100.00	90.00	359.67	11,520.00	7,755.16	835.73	482,834.02	708,317.27	32.326225	-103.792749
19,113.00	90.00	359.67	11,520.00	7,768.16	835.66	482,847.02	708,317.19	32.326261	-103.792749
Cross se	ection @ 1911	3' MD, 0' FSL	, 430' FEL						
19,200.00	90.00	359.67	11,520.00	7,855.16	835.16	482,934.02	708,316.70	32.326500	-103.792749
19,300.00		359.67	11,520.00	7,955.16	834.60	483,034.01	708,316.13	32.326775	-103.792750
19,400.00	90.00	359.67	11,520.00	8,055.16	834.03	483,134.01	708,315.56	32.327050	-103.792750
19,500.00	90.00	359.67	11,520.00	8,155.16	833.46	483,234.01	708,314.99	32.327324	-103.792750
19,600.00		359.67	11,520.00	8,255.15	832.89	483,334.01	708,314.42	32.327599	-103.792750
19,700.00		359.67	11,520.00	8,355.15	832.32	483,434.01	708,313.85	32.327874	-103.792750
19,800.00		359.67	11,520.00	8,455.15	831.75	483,534.00	708,313.28	32.328149	-103.792751
19,900.00		359.67	11,520.00	8,555.15	831.18	483,634.00	708,312.71	32.328424	-103.792751
20,000.00		359.67	11,520.00	8,655.15	830.61	483,734.00	708,312.14	32.328699	-103.792751
20,100.00		359.67	11,520.00	8,755.15	830.04	483,834.00	708,311.58	32.328974	-103.792751
20,200.00		359.67	11,520.00	8,855.14	829.47	483,934.00	708,311.01	32.329249	-103.792751
20,300.00		359.67	11,520.00	8,955.14	828.90	484,034.00	708,310.44	32.329523	-103.792752
20,400.00		359.67	11,520.00	9,055.14	828.33	484,133.99	708,309.87	32.329798	-103.792752
20,500.00		359.67	11,520.00	9,155.14	827.76	484,233.99	708,309.30	32.330073	-103.792752
20,600.00		359.67 359.67	11,520.00	9,255.14	827.19	484,333.99	708,308.73 708,308.16	32.330348	-103.792752
20,700.00	90.00	559.07	11,520.00	9,355.14	826.63	484,433.99	100,300.10	32.330623	-103.792752

Database:	EDM r5000.141 Prod US	Local Co-ordinate Reference:	Well Fiji 17-5 Fed Com 714H
Company:	WCDSC Permian NM	TVD Reference:	RKB @ 3364.60ft
Project:	Eddy County (NAD 83 NM Eastern)	MD Reference:	RKB @ 3364.60ft
Site:	Sec 17-T23S-R31E	North Reference:	Grid
Well:	Fiji 17-5 Fed Com 714H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
20,800.00	90.00	359.67	11,520.00	9,455.14	826.06	484,533.99	708,307.59	32.330898	-103.792
20,900.00	90.00	359.67	11,520.00	9,555.13	825.49	484,633.98	708,307.02	32.331173	-103.792
21,000.00	90.00	359.67	11,520.00	9,655.13	824.92	484,733.98	708,306.45	32.331448	-103.792
21,100.00	90.00	359.67	11,520.00	9,755.13	824.35	484,833.98	708,305.88	32.331722	-103.792
21,200.00	90.00	359.67	11,520.00	9,855.13	823.78	484,933.98	708,305.31	32.331997	-103.792
21,300.00	90.00	359.67	11,520.00	9,955.13	823.21	485,033.98	708,304.74	32.332272	-103.792
21,400.00	90.00	359.67	11,520.00	10,055.13	822.64	485,133.98	708,304.17	32.332547	-103.792
21,500.00	90.00	359.67	11,520.00	10,155.12	822.07	485,233.97	708,303.60	32.332822	-103.792
21,600.00	90.00	359.67	11,520.00	10,255.12	821.50	485,333.97	708,303.04	32.333097	-103.792
21,700.00	90.00	359.67	11,520.00	10,355.12	820.93	485,433.97	708,302.47	32.333372	-103.792
21,800.00	90.00	359.67	11,520.00	10,455.12	820.36	485,533.97	708,301.90	32.333647	-103.792
21,900.00	90.00	359.67	11,520.00	10,555.12	819.79	485,633.97	708,301.33	32.333921	-103.792
22,000.00	90.00	359.67	11,520.00	10,655.12	819.22	485,733.96	708,300.76	32.334196	-103.792
22,100.00	90.00	359.67	11,520.00	10,755.11	818.65	485,833.96	708,300.19	32.334471	-103.792
22,200.00	90.00	359.67	11,520.00	10,855.11	818.09	485,933.96	708,299.62	32.334746	-103.792
22,300.00	90.00	359.67	11,520.00	10,955.11	817.52	486,033.96	708,299.05	32.335021	-103.792
22,400.00	90.00	359.67	11,520.00	11,055.11	816.95	486,133.96	708,298.48	32.335296	-103.792
22,500.00	90.00	359.67	11,520.00	11,155.11	816.38	486,233.96	708,297.91	32.335571	-103.792
22,600.00	90.00	359.67	11,520.00	11,255.11	815.81	486,333.95	708,297.34	32.335846	-103.792
22,700.00	90.00	359.67	11,520.00	11,355.10	815.24	486,433.95	708,296.77	32.336121	-103.792
22,800.00	90.00	359.67	11,520.00	11,455.10	814.67	486,533.95	708,296.20	32.336395	-103.792
22,900.00	90.00	359.67	11,520.00	11,555.10	814.10	486,633.95	708,295.63	32.336670	-103.792
23,000.00	90.00	359.67	11,520.00	11,655.10	813.53	486,733.95	708,295.06	32.336945	-103.792
23,100.00	90.00	359.67	11,520.00	11,755.10	812.96	486,833.94	708,294.50	32.337220	-103.792
23,200.00	90.00	359.67	11,520.00	11,855.10	812.39	486,933.94	708,293.93	32.337495	-103.792
23,300.00	90.00	359.67	11,520.00	11,955.09	811.82	487,033.94	708,293.36	32.337770	-103.792
23,400.00	90.00	359.67	11,520.00	12,055.09	811.25	487,133.94	708,292.79	32.338045	-103.792
23,500.00	90.00	359.67	11,520.00	12,155.09	810.68	487,233.94	708,292.22	32.338320	-103.792
23,600.00	90.00	359.67	11,520.00	12,255.09	810.11	487,333.94	708,291.65	32.338594	-103.792
23,700.00	90.00	359.67	11,520.00	12,355.09	809.55	487,433.93	708,291.08	32.338869	-103.792
23,800.00	90.00	359.67	11,520.00	12,455.09	808.98	487,533.93	708,290.51	32.339144	-103.792
23,900.00	90.00	359.67	11,520.00	12,555.08	808.41	487,633.93	708,289.94	32.339419	-103.792
24,000.00	90.00	359.67	11,520.00	12,655.08	807.84	487,733.93	708,289.37	32.339694	-103.792
24,100.00	90.00	359.67	11,520.00	12,755.08	807.27	487,833.93	708,288.80	32.339969	-103.792
24,200.00	90.00	359.67	11,520.00	12,855.08	806.70	487,933.92	708,288.23	32.340244	-103.792
24,285.00	90.00	359.67	11,520.00	12,940.08	806.22	488,018.92	708,287.75	32.340477	-103.792
	4285' MD, 100								
24,300.00	90.00	359.67	11,520.00	12,955.08	806.13	488,033.92	708,287.66	32.340519	-103.792
24,364.64	90.00	359.67	11,520.00	13,019.72	805.76	488,098.56	708,287.30	32.340696	-103.792
	0' FNL, 430' FI								
24,364.65	90.00	359.67	11,520.00	13,019.73	805.76	488,098.57	708,287.30	32.340696	-103.792

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL - Fiji 17-5 Fed Cor - plan misses target o - Point	0.00 center by 1152	0.00 20.00ft at 243	0.00 864.65ft MD	13,019.73 (11520.00 TV	805.76 D, 13019.73 N	488,098.57 I, 805.76 E)	708,287.30	32.340696	-103.792760

Database:EDM r5000.141_Prod USCompany:WCDSC Permian NMProject:Eddy County (NAD 83 NM Eastern)Site:Sec 17-T23S-R31EWell:Fiji 17-5 Fed Com 714HWellbore:Wellbore #1Design:Permit Plan 1		TVD Refe MD Refe North Re	rence:	Well Fiji 17-5 Fed Com 714H RKB @ 3364.60ft RKB @ 3364.60ft Grid Minimum Curvature		
	easured Depth (ft)	Vertical Depth (ft)	Local Coor +N/-S (ft)	dinates +E/-W (ft)	Comment	
	10,997.67 13,825.00 19,113.00 24,285.00 24,364.64	10,947.04 11,520.00 11,520.00 11,520.00 11,520.00	-20.00 2,480.25 7,768.16 12,940.08 13,019.72	880.00 865.77 835.66 806.22 805.76	KOP & FTP @ 10998' MI Cross section @ 13825' I Cross section @ 19113' I LTP @ 24285' MD, 100' I PBHL; 20' FNL, 430' FEL	MD, 0' FSL, 430' FEL MD, 0' FSL, 430' FEL FNL, 430' FEL

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Devon Energy Production Company LP		
LEASE NO.:	NMNM045235		
LOCATION:	Section 17, T.23 S., R.31 E., NMPM		
COUNTY:	Eddy County, New Mexico		
WELL NAME & NO.:	Fiji 17-5 Fed Com 333H		
SURFACE HOLE FOOTAGE:	2330'/N & 1610'/E		
BOTTOM HOLE FOOTAGE	20'/N & 1650'/E		
WELL NAME & NO.:	Fiji 17-5 Fed Com 334H		
SURFACE HOLE FOOTAGE:	2480'/N & 1280'/E		
BOTTOM HOLE FOOTAGE	20'/N & 330'/E		
WELL NAME & NO.:	Fiji 17-5 Fed Com 623H		
SURFACE HOLE FOOTAGE:	2330'/N & 1670'/E		
BOTTOM HOLE FOOTAGE	20'/N & 2310'/E		
WELL NAME & NO.:	Fiji 17-5 Fed Com 624H		
SURFACE HOLE FOOTAGE:	2480'/N & 1340'/E		
BOTTOM HOLE FOOTAGE	20'/N & 990'/E		
WELL NAME & NO.:	Fiji 17-5 Fed Com 713H		
SURFACE HOLE FOOTAGE:	2330'/N & 1640'/E		
BOTTOM HOLE FOOTAGE	20'/N & 1750'/E		
WELL NAME & NO.:	Fiji 17-5 Fed Com 714H		
SURFACE HOLE FOOTAGE:	2480'/N & 1310'/E		
BOTTOM HOLE FOOTAGE	20'/N & 430'/E		
	СОА		

H2S	🖸 Yes	C No	
Potash	None None	Secretary	C R-111-P
Cave/Karst Potential	C Low	C Medium	🖸 High
Cave/Karst Potential	Critical		
Variance	C None	E Flex Hose	C Other
Wellhead	Conventional	🖸 Multibowl	C Both
Other	□4 String Area	Capitan Reef	□ WIPP
Other	Fluid Filled	Cement Squeeze	Pilot Hole
Special Requirements	□ Water Disposal	COM	🗖 Unit

Page 1 of 8

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A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated 500 feet prior to drilling into the **Triste Draw/Sand Dune** formation. As a result, the Hydrogen Sulfide area must meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING

- 1. The **13-3/8** inch surface casing shall be set at approximately **525 feet** (a minimum of **70 feet (Eddy County)** into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job will be a minimum of <u>24 hours in the Potash Area</u> or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

- 2. The minimum required fill of cement behind the 8-5/8 inch intermediate casing is:
 - Cement to surface. If cement does not circulate see B.1.a, c-d above. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash. Cement excess is less than 25%, more cement might be required.
 - In <u>Secretary Potash Areas</u> if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.

Operator has proposed to pump down 13-3/8" X 8-5/8" annulus. <u>Operator must run</u> a CBL from TD of the 8-5/8" casing to surface. Submit results to BLM.

- 3. The minimum required fill of cement behind the 5-1/2 inch production casing is:
 - Cement should tie-back at least 500 feet into previous casing string. Operator shall provide method of verification.
 Cement excess is less than 25%, more cement might be required.

C. PRESSURE CONTROL

- 1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
- 2. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000** (**5M**) psi.
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - c. Manufacturer representative shall install the test plug for the initial BOP test.
 - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
 - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

D. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. <u>When the Communitization Agreement number is known, it shall also be on the sign.</u>

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)
 - Eddy County Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822
 - Lea County
 Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575)
 393-3612
- 1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
 - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
 - b. When the operator proposes to set surface casing with Spudder Rig
 - Notify the BLM when moving in and removing the Spudder Rig.
 - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
 - BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as 2nd Rig is rigged up on well.
- 2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
- 3. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

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Approval Date: 11/23/2020

A. CASING

- 1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
- <u>Wait on cement (WOC) for Potash Areas:</u> After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least <u>24 hours</u>. WOC time will be recorded in the driller's log. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.
- 3. <u>Wait on cement (WOC) for Water Basin:</u> After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least <u>8 hours</u>. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.
- 4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
- 5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
- 6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- 7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
- 8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.
- B. PRESSURE CONTROL

- 1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
- 2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
- 3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
- 4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - c. Manufacturer representative shall install the test plug for the initial BOP test.
 - d. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.
 - e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
- 5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not

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hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).

- b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the plug. However, **no tests** shall commence until the cement has had a minimum of 24 hours setup time, except the casing pressure test can be initiated immediately after bumping the plug (only applies to single stage cement jobs).
- c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to Onshore Order 2 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
- d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- e. The results of the test shall be reported to the appropriate BLM office.
- f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.
- C. DRILLING MUD

Approval Date: 11/23/2020

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.



Devon Energy Center 333 West Sheridan Avenue Oklahoma City, Oklahoma 73102-5015

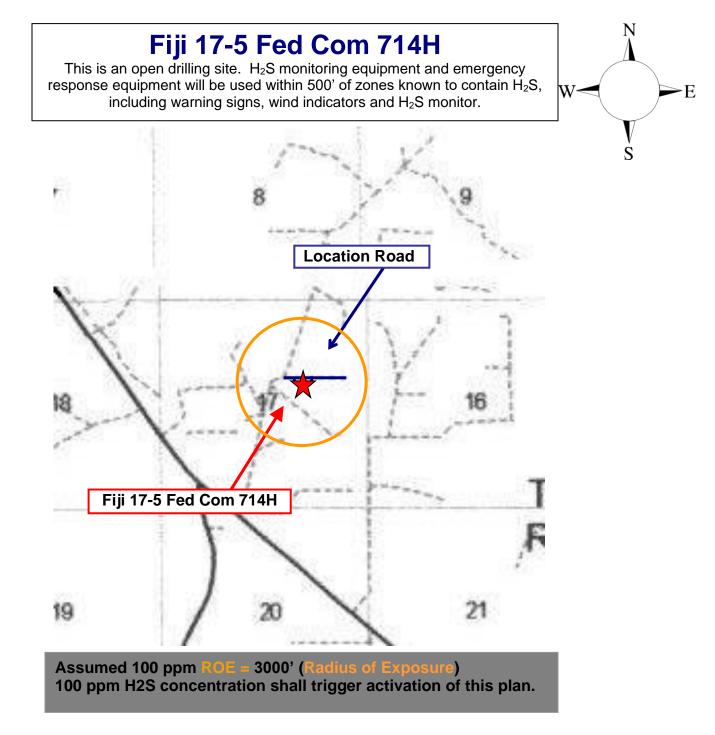
Hydrogen Sulfide (H₂S) Contingency Plan

For

Fiji 17-5 Fed Com 714H

Sec-17 T-23S R-31E 2480' FNL & 1310' FEL LAT. = 32.3049195' N (NAD83) LONG = 103.7955803' W

Eddy County NM



Escape

Crews shall escape upwind of escaping gas in the event of an emergency release of gas. Escape can be facilitated from the location entrance road. Crews should then block the entrance to the location from the lease road so as not to allow anyone traversing into a hazardous area. The blockade should be at a safe distance outside of the ROE. <u>There are no homes or buildings in or near the ROE</u>.

Assumed 100 ppm ROE = 3000'

100 ppm H₂S concentration shall trigger activation of this plan.

Emergency Procedures

In the event of a release of gas containing H₂S, the first responder(s) must

- Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- Evacuate any public places encompassed by the 100 ppm ROE.
- Be equipped with H₂S monitors and air packs in order to control the release.
- Use the "buddy system" to ensure no injuries occur during the response
- Take precautions to avoid personal injury during this operation.
- Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- Have received training in the
 - Detection of $H_2\bar{S}$, and
 - \circ $\,$ Measures for protection against the gas,
 - Equipment used for protection and emergency response.

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO₂). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

imon Chemical		Threshold	Hazardous Limit	Lethal					
Formula	Gravity	Limit		Concentration					
H₂S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm					
SO ₂	2.21 Air = 1	2 ppm	N/A	1000 ppm					
	Formula H ₂ S	Formula Gravity H ₂ S 1.189 Air = 1 2.21	FormulaGravityLimit H_2S 1.189 Air = 110 ppm SO_2 2.21 2 ppm	FormulaGravityLimitHazardous Limit H_2S 1.189 Air = 110 ppm 100 ppm/hr100 ppm/hr SO_2 2.21 2 ppm2 ppmN/A					

Characteristics of H₂S and SO₂

Contacting Authorities

Devon Energy Corp. personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Devon Energy Corp. Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

Hydrogen Sulfide Drilling Operation Plan

I. HYDROGEN SULFIDE (H₂S) TRAINING

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

- 1. The hazards and characteristics of hydrogen sulfide (H₂S)
- 2. The proper use and maintenance of personal protective equipment and life support systems.
- 3. The proper use of H₂S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
- 4. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

- 1. The effects of H₂S metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- 2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
- 3. The contents and requirements of the H₂S Drilling Operations Plan and Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H_2S zone (within 3 days or 500 feet) and weekly H_2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H_2S Drilling Operations Plan and the Public Protection Plan.

II. HYDROGEN SULFIDE TRAINING

Note: All H_2S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H_2S .

1. Well Control Equipment

- A. Flare line
- B. Choke manifold Remotely Operated
- C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit
- D. Auxiliary equipment may include if applicable: annular preventer and rotating head.
- E. Mud/Gas Separator

2. Protective equipment for essential personnel:

30-minute SCBA units located at briefing areas, as indicated on well site diagram, with escape units available in the top doghouse. As it may be difficult to communicate audibly while wearing these units, hand signals shall be utilized.

3. H₂S detection and monitoring equipment:

Portable H₂S monitors positioned on location for best coverage and response. These units have warning lights which activate when H₂S levels reach 10 ppm and audible sirens which activate at 15 ppm. Sensor locations:

- Bell nipple
 Possum Belly/Shale shaker
- Rig floor
 Choke manifold
- Cellar

Visual warning systems:

- A. Wind direction indicators as shown on well site diagram
- B. Caution/ Danger signs shall be posted on roads providing direct access to locations. Signs will be painted a high visibility yellow with black lettering of sufficient size to be reasonable distance from the immediate location. Bilingual signs will be used when appropriate.

4. Mud program:

The mud program has been designed to minimize the volume of H₂S circulated to surface. Proper mud weight, safe drilling practices and the use of H₂S scavengers will minimize hazards when penetrating H₂S bearing zones.

5. Metallurgy:

- A. All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold lines, and valves shall be H₂S trim.
- B. All elastomers used for packing and seals shall be H₂S trim.

6. Communication:

- A. Company personnel have/use cellular telephones in the field.
- B. Land line (telephone) communications at Office

7. Well testing:

- A. Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity, which are necessary to safety and adequately conduct the test. The drill stem testing will be conducted during daylight hours and formation fluids will not be flowed to the surface. All drill-stem-testing operations conducted in an H₂S environment will use the closed chamber method of testing.
- B. There will be no drill stem testing.

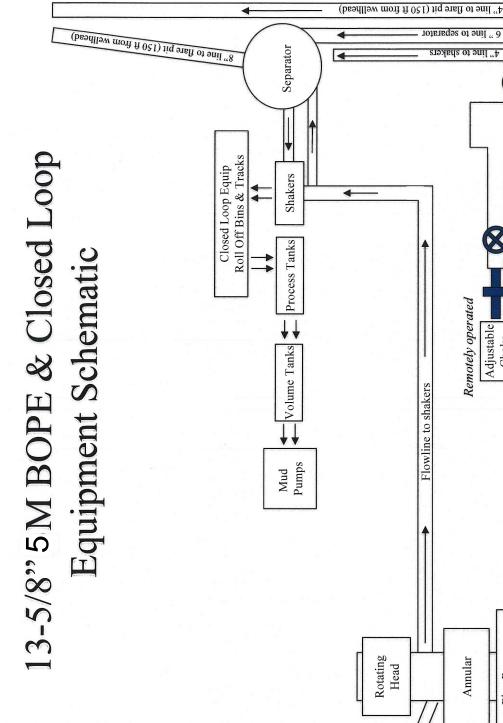
Devon En	ergy Corp. Company Call List			
Drilling Su	pervisor – Basin – Mark Kramer	405-823-4796		
EHS Profe	essional – Laura Wright	405-439-8129		
Agency	Call List			
<u>Lea</u>	Hobbs			
County	Lea County Communication Authority	393-3981		
<u>(575)</u>	State Police	392-5588		
	City Police	397-9265		
	Sheriff's Office	393-2515		
	Ambulance	911		
	Fire Department	397-9308		
	LEPC (Local Emergency Planning Committee)	393-2870		
	NMOCD	393-6161		
	US Bureau of Land Management	393-3612		
Eddy	Carlsbad			
County	State Police	885-3137		
<u>(575)</u>	City Police	885-2111		
	Sheriff's Office	887-7551		
	Ambulance	911		
	Fire Department	885-3125		
	LEPC (Local Emergency Planning Committee)	887-3798		
	US Bureau of Land Management	887-6544		
	NM Emergency Response Commission (Santa Fe)	(505) 476-9600		
	24 HR	(505) 827-9126		
	National Emergency Response Center	(800) 424-8802		
	National Pollution Control Center: Direct	(703) 872-6000		
	For Oil Spills	(800) 280-7118		
	Emergency Services	(000) 200 7 110		
	Wild Well Control	(281) 784-4700		
		\ /		
	Cudd Pressure Control (915) 699-0139	(915) 563-3356		
	Halliburton	(575) 746-2757		
	B. J. Services	(575) 746-3569		
Give	Native Air – Emergency Helicopter – Hobbs (TX & NM)	(800) 642-7828		
GPS	Flight For Life - Lubbock, TX	(806) 743-9911		
position:	Aerocare - Lubbock, TX	(806) 747-8923		
	Med Flight Air Amb - Albuquerque, NM	(575) 842-4433		
	Lifeguard Air Med Svc. Albuquerque, NM	(800) 222-1222		
	Poison Control (24/7)	(575) 272-3115		
	Oil & Gas Pipeline 24 Hour Service	(800) 364-4366		
	NOAA – Website - www.nhc.noaa.gov			

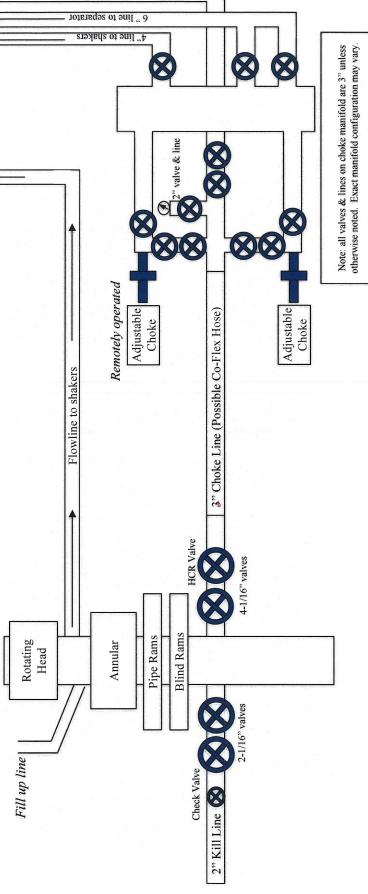
Prepared in conjunction with Dave Small





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District I 1625 N. French Dr., Hobbs, NM 88240

District II

District IV

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

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

District III 1000 Rio Brazos Rd., Aztec, NM 87410 COMMENTS

Action 28307

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

COMMENTS								
Operator:				OGRI):	Action Number:	Action Type:	
DEVON ENERGY PRODUCTION COMPAN		333 West Sheridan Ave.	Oklahoma City, OK73102	6137		28307	FORM 3160-3	
Created By	Comment				Comment	Date		
kpickford KP GEO Review 5/17/2021				05/17/202	1			

CONDITIONS

Action 28307

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:			
	DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	333 West Sheridan Ave. Oklahoma City, OK73102		28307	FORM 3160-3			
OCD	Condition								
Reviewer									
kpickford	Notify OCD 24 hours prior to casing & cement								
kpickford	Will require a File As Drilled C-102 and a Directional Survey with the C-104								
kpickford	Once the well is spud, to prevent ground water contar shall immediately set in cement the water protection		its from the surface, the operator shall	drill without interrup	tion through the fres	h water zone or zones and			
است المراجع		ç							
kpickford	Cement is required to circulate on both surface and in	° °							
kpickford	Oil base muds are not to be used until fresh water zon contained in a steel closed loop system	nes are cased and cemented providing	isolation from the oil or diesel. This inc	ludes synthetic oils	Oil based mud, drill	ing fluids and solids must be			

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