eceined by OCD: 2/11/2024 2:34:26 PM State of New Mexico	Form Page 1 of 21
Office State of New Mexico	Form C-103 7 21 Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240	WELL API NO.
District II - (575) 748-1283 811 S. First St., Artesia, NM 88210 OIL CONSERVATION DIVISION	30-025-51441 5. Indicate Type of Lease
District III – (505) 334-6178 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Aztec, NM 87410	STATE X FEE
District IV – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM Santa Fe, NM Santa Fe, NM Santa Fe, NM	6. State Oil & Gas Lease No.
87505 SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	NORTH THISTLE 3 34 STATE COM
PROPOSALS.) 1. Type of Well: Oil Well	8. Well Number 403H
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP	9. OGRID Number 6137
3. Address of Operator 333 W SHERIDAN AVE	10. Pool name or Wildcat
OKLAHOMA CITY, OK 73102	BRINNINSTOOL;BONE SPRING
4. Well Location	
Unit Letter A : 695 feet from the NORTH line and 1	
Section 34 Township 22S Range 33E 11. Elevation (Show whether DR, RKB, RT, GR, etc.	NMPM County LEA
3542.9	,
	D (01 D)
12. Check Appropriate Box to Indicate Nature of Notice,	Report or Other Data
_	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WOR TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRI	
PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT	_
DOWNHOLE COMMINGLE Not	ify OCD 24 hrs. prior to any work
CLOSED-LOOP SYSTEM 🖂	e. gilbert.cordero@emnrd.nm.gov
13. Describe proposed or completed operations. (Clearly state all pertinent details, and	d give pertinent dates, including estimated date
of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Con	mpletions: Attach wellbore diagram of
proposed completion or recompletion.	
Decree Former Declaration Comment I Decree Afalls as week the full coins De	A
Devon Energy Production Company L.P. respectfully requests the following P&A	A procedure:
SEE CHANGES TO PROCEDURE	
,	
Please see attached plan, fishing report, and wellbore diagram.	
riedse see diddened plan, rishing report, and wencore diagram.	
Spud Date: Rig Release Date:	
SEE ATTACHED COA's MUST BE PLUGGED BY	8/1/25
I hereby certify that the information above is true and complete to the best of my knowledg	
SIGNATURE REGULATORY PROF	ESSIONAL DATE 9/11/2024
Type or print name Rebecca Deal E-mail address: rebecca.deal@s	dvn.com PHONE: 405-228-8492
APPROVED BY:	gager DATE 9/25/24

North Thistle 3 34 State Com 403C API 30-025-51441 P&A Proposal

13 3/8" 54.5# J-55 BTC Surface Casing Set @ 1,068' w/ cement to surface. 11" open hole to 5,575'.

Top of fish @ 2,865'.

Remove RBP @ 1,000'.

TIH and pump 1 1/2 times volume cement 5575' - 2800' - WOC & Tag Fill OH with cement 2800' - 800' - WOC & Tag - T Salt, T Rustler and Shoe

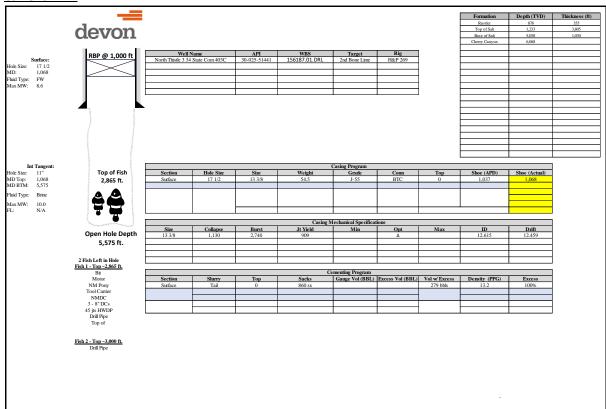
TOOH to 500' and pump plug from 500' to Surface. 14.8 ppg Class C Neat Cement @ 1.32 yield 78 bbls (332 sx) for 500 ft.

Cut off wellhead 3 ft. below ground. Weld on plate with identification and marker. Fill in cellar.

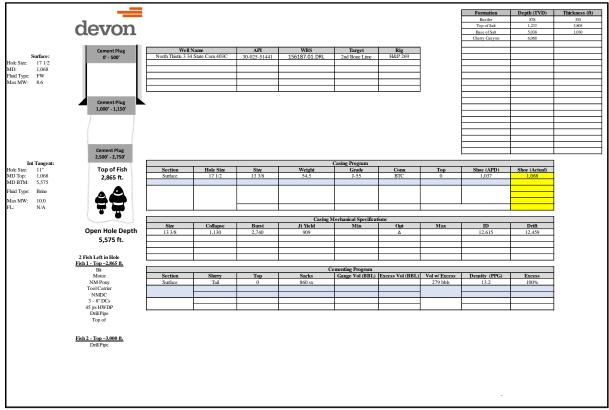
Fishing Report

While drilling ahead @ 5,575′, became stuck in 11″ hole. After having been stuck for a while and attempting to get free the drill pipe parted in two different places – one part at approximately 2,865′ and the other near surface at around 250′. The upper part of the fish fell downhole next to the lower fish, wrapping the two fish around each other in the hole. For the next three days we pulled on and jarred on the upper fish that we could latch onto achieving no movement in the fish. We made several attempts to back off pieces of the fish and latching on to the fish at deeper points still unable to move the fish. The final backoff depth of the upper fish was 3,000′ which places the top of that fish below the top of the lower fish in the hole. After being stuck for over 72 hours with no movement on the interlocked fish, we made the decision to abandon the hole and re-drill. Plugging proposal was done per conversation with Ward Rikala as Gilbert Cordero was unavailable at the time.

Current WBD



Plugged WBD



NORTH THISTLE 3 34 STATE COM 403C

DELAWARE BASIN UNRESTRICTED

Daily Drilling - Without Cost devon Wellbore: OH INTR, INTR1, DRLG, TANGENT; 5/10/2024 19:30 Rpt #: 5 Date: 5/13/2024 05:00 County DELAWARE BASIN EAST NM 3002551441 DELAWARE BASIN THISTLE FLD Orig KB Elev 3,567.90 KB - GL 25.00 Surface Legal Lega 32° 21' 12.892" N 103° 33' 21.506" W WA022050487 3,542.90 Jobs Responsible Teams Auth MD (ftKB 20,596.0 2ND BONE SPRING DRILLING DRILLING/COMPLETIONS DRILLING Emissions (GHG) XX-156187.01.SLC XX-156187.01.FTA Safety XX-156187.01.DRL l Days (days) Days LTI (days) 337.00 20.5 16.75 Original Drlg Spud Date 5/6/2024 22:30 ers Tot Hrs (hr) Cum Pers Hrs (hr) Cum Time Log Sp 3.38 Job Spud Date 5/6/2024 22:30 Proj Job 17.60 Days From Spud (days) 6.27 RR Date 5/15/2024 05:00 Safety Check Summary Rigs Contractor, Rig Name HELMERICH & PAYNE INTERNATIONAL Ria Numbe Rig End Date Type
BOP PRESSURE TEST Last Date 269 5/10/2024 17:00 5/15/2024 05:00 5/8/2024 DRILLING CO H2S 5/9/2024 Job Phase Cum Duration (days) MOB 0.06 SAFETY MEETING 5/12/2024 SURF 1.15 Daily Contacts Office INTR 2.40 HOOKS SPENCER 405-439-5147 PROD 0.00 SUPERINTENDENT NPT Analysis to Date FATHEREE, LANCE 940-366-0711 Time Log Job NPT (% **FOREMAN** 70.83 17.00 130.50 65.00 49.81 LALONDE, BILLY, PIC 575-231-2225 **Daily Operations** DAY Drilling Hours (hr)
7.00 Drilled Last 24 Hours (ft) 939.00 End Depth (ftKB) 5,575.0 Circulating Hours (hr) Avg ROP (ft/hr) **134**.1 BRADFORD, TRAVIS, PIC 5/12/2024 05:00 575-231-2225 **NIGHT** Operations at Report Time ATTEMPT BACK OFF CONTINUE WITH FISH JOB UNTIL TOOLS ARE RIGGS, PAUL, RIG 432-202-4321 RETRIEVED MANAGER 24 Hour Summary DRILLING 11" INTERMEDIATE TANGENT F/ 4,636' T/ 5,575', STUCK PIPE WHILE SLIDING ON BOTTOM, WORK FOSTER, CLARENCE 903-590-6017 PIPE & STRING BACKED OUT, TOOH 2 STDS & DOUBLE, WAIT ON FISHING TOOLS, P/U SAME & TIH TO FISH, SAFETY TECH LATCH ON & WORK STRING, ATTEMPT TO RELEASE OVER SHOT, R/U WIRELINE & RUN COLLAR LOCATOR, RUN 240 GRAIN STRING SHOT & ATTEMPT TO GET OVERSHOT OFF WITH NO SUCCESS, RUN IN WITH 480 ALEXANDER, BRANDON 601-870-6383 **MUD ENGINEER** GRAIN SHOT TO ATTEMPT BACK OFF BELOW OVERSHOT LARNER, KYRAN, DIR 817-366-5963 TOTAL DRILLED = 939' DRILLER NIGHT ROTATE 857' = 91% FABIAN, JOSH, DIR 304-992-6068 SLIDE 82' = 9% DRILLER NIGHT LAST SURVEY BIT PROJ. **Mud Additive Amounts** MD: TVD: INC AZI Used 5,483 5,426.95 297.96° 11.95 ALUMINUM STEARATE DEFOAM X 22' AHEAD 1' RIGHT **ENGINEER PER DIEM** H&P DAYS CREW =6, NIGHT CREW =6, RIG MANAGER=1 NO ACCIDENTS, INCIDENTS OR SPILLS REPORTED LIME 4 MUD ENGINEER ext Casing OD (in) lext Casing Set Depth (ftKB) SALT GEL 62 SURFACE 1, 1,068.8ftKB 8.625 6.034 Geological Activity at Report Time SODA ASH 9 SURFACE SWEEP 2 Safe/Stop Cards 3,401 TAX (SALES) NTI EMPLOYEE WALKED IN FRONT OF THE DRILL PIPE IN THE CATWALK TROUGH AS OTHER EMPLOYEE ZINC OXIDE WAS BRINGING THE PIPE UP TO BE LATCHED WITH ELEVATORS. STOPPED JOB, EXPLAINED TO THE NTI EMPLOYEE THE HAZARD HE WAS IN & SPOKE WITH CATWALK OPERATOR ABOUT NOT MOVING IF PUMP #1 GARDNER-DENVER PZ-11 ump Rating (hp) SOMEONE IS WALKING INTO THE BUFFER ZONE. PZ-11 1,600.0 Mud Check: 5/12/2024 17:00 @ 5,572.0 ftKB Source:suction /Stk OR (bbl/stk) Depth (ftKB) 5,572.0 5 1/2 11.00 0.077 Fun 32 рН 11.00 Gel (10s) (lbf/100ft Density 10.40 0.0 8 P (psi) 5,000.0 v R... Stroke HTHP WI 5,470.0 Cake (1/32" No ...ate (r 95.0 298 4.0 0.0 6 PUMP #2 GARDNER-DENVER PZ-11 LGS (%) 3.7 WPS (ppm) of (mL/mL) Mf (mL/mL) 1.7 $^{Pm\;(mL/mL)}_{2.9}$ s (bbl) HGS (%) 0.0 ump# mp Rating (hp) P7-11 1 600 0 Chlorides (mg/L) Calcium (mg/L) LCM onn Gas Ma Max Trip Gas Max Drill Gas Bk Gas Max 0.00 Oil Wate 0/100 Stroke Length (in) Liner Size (in) tk OR (bbl/stk) 184 000 0.00 0.00 l٥ lo oo 5 1/2 11.00 0.077 Time Log Slow R... Strokes R. No 93 Depth (ftKB) P (psi) Start Depth End Depth 5 000 0 No 5,470.0 298 NPT End Tim Description

DRILL AHEAD W/ 11" 1 INT DIRECTIONAL Time Dur (hr) PUMP #3 GARDNER-DENVER PZ-11 05:00 12:00 4,636.0 5,575.0 ASSEMBLY AS FOLLOWS: F/4,636' T/5,575' NOTE: START 9.62 DREG TANGET Pump Rating (hp) 1,600.0 ump# Liner Size (in) 5 1/2 W/ 313.11 AZI @ 1,600'. AND HOLD TO THE DROP @ 7,100 AC CONCERN: NO ISSUES Length (in) Stroke I 11.00 0.077 Q Flo 5,000.0 No 93 5.470.0 12:00 13:00 1.00 TRIP 5,575.0 5.572.0 DRILL STRING STUCK WHILE SLIDING ON HOLE Leak Off and Formation Integrity Tests BOTTOM, WORK PIPE WITH 50K-75K PULL, WORK 18K-25K TORQUE DOWN. CALL & Dens (lb/gal) Leak off? Test Date MD Depth (ftKB) DECISION MADE TO WORK TORQUE UP IN INCREMENTS TO 30K & PULL TO 400K ON CONDUCTOR 20 in@ 106.0 ftKB STRING. WHILE WORKING STRING WITH Wt/Len (I 94.00 HOOKLOAD AT 250K THE STRING PARTED WELDED J-55 SURFACE 1 13 3/8 in@ 1,068.8 ftKB 13:00 13:30 0.50 TRIP 5,572.0 0.0 POOH WITH 2 STANDS DRILL PIPE & A HOLE J-55 BTC 54.50 5/7/2024 **DOUBLE** 13:30 20:30 7.00 **FISH** 0.0 0.0 WAIT ON FISHING TOOLS TO ARRIVE ON HOLE LOCATION, STRAP & CALIPER SAME.

INTR, INTR1, DRLG, TANGENT; 5/10/2024 19:30

devon

Printed: 9/5/2024

NORTH THISTLE 3 34 STATE COM 403C

Wellbore: OH

DELAWARE BASIN UNRESTRICTED

Daily Drilling - Without Cost

Rpt #: 5 Date: 5/13/2024 05:00

Start	.og				Start De	pth E	nd Depth									
Time	End Time	, ,	FISI	peration	(ftKB)		(ftKB)	P/U F	ICLL	TOOLS		escription	000	NAAL	/E LID	HOLE
20:30	23:00	2.50	15101	•	'	0.0	1,001.	TOOL SUBS	.S - (3. TII	OVERS	HO1	RIG FL F & TW S & P/U G UP @	O CRO 38 JOI	SS O NTS		HOLE
23:00	00:00	1.00	FISI	Н	1,36	1.0	1,361.0	LATC	н ОІ	N TO F	ISH (@ 1,32 ⁻	1', HOC	KLO		HOLE
												TO GE				
								GET (OFF	FISH T	ОС	OME O	UT FOI	R JAF	RS.	
												TTING RIG U				
00:00	05:00	5.00	FISI	Н	1,36	1.0	1,361.0	R/U W								HOLE
												3,976' GET C				
												ESS. W				
												SHOT T SE @ 1,			l	
												LE WIT				
												RSHO			IING Z	
NPT D	etails 024 12:00	HOLE	TIC	THE HOL	E CTII	CK DIL	E DE	VON E	IED	CV						
Dur (Net)		Depth (ftl		End Depth			Time (hr)				Т	rouble Iter	n			
65.00 Description	5,5	72.0		5,572.0		65.00	, ,	1,332,	978.	.91 NPT Co	ntinui	tv	- Ix	IPT Ca	nacity	
DRILL	STRING					воттс	M					RUPTE			MINISH	HED
BIT # 2 Bit Size (i	2, BHA#		TR T	ANGEN [®]	T	Model			lozzlo	es (1/32")		I	Gauge Le	nath	IADC B	it Dull
11	A3044			NOV			66E3			4/14/14	/14/		7	ilgui	8-8-L	T-A-X-0-
Denth In	(ftKB) Depth	Out (ftKB	١	Total Drille	od (ff)	Fotal Drill	Hre (hr)	Ava ROI	P (ft/	SPP Mir	n (nei)	SDD Ma	av (nei) V	VOR M	LT-LII	H Max RPM (r.
1,083.0	5,57	5.0	,	4,492.0		37.50	1113 (111)	119.8	(10	3,550		5,000		60 80		197
Drilling	g Parame	ters		Start De	oth End	Depth	Int Depth	n WOE	3	RPM Q	Flow		dP (5	SPP)		Int RO
	Param Type FORMAT		nd Time 2:00) (fl	KB) 575.0	(ft) 939.00	(1000)		(rpm) (gpm) 900	SPP (p:	si) (p	o.0	Drill To 20,000	q (ft/hr)
JKILL	FORMAT	ION	2.00	4,03	0.0	373.0	939.00		,0	/3	900	3,000	.0 70	0.0	20,000	134
Mud M																
	obe # Config Stag	es	Bend T	уре	Bend Setting	BB to E			Kick Pad?			Make			Ма	del
2 6	/7 6.6	FIXE	D		1.5	6.	80 0).135 Y	ES	PHOE TECH		OGV			•	TG W/
										SERV				SLI	CK SL	EEVE
Drill St	tring Cor	nponen	ts			1	1	<u> </u>						_		
Mud M		Item Des			OD (in) 9.000	ID (in) 2.50	Jts 1	Len (ft)		Cum Len		Gauge (in)		NIX	Make	IOLOGY
widd ivi	Otol				0.000	2.00	'	00.7		00.	,		SERV			OLOGI
Ctabili-	ctuai	wht IDC			8.000	3.00	1	6.0	06	46	04	10 10	1401	LEIEI		
Stabiliz	zer - Strai	gni ibo			8.000	3.00	1	6.2	20	46.	04	10.13	J A OI MANL			G, INC.
Drill Co	ollar - Pon	ıy			7.980	3.25	1	14.2	23	60.	27					OLOGY
													SERV	ICES	US	
MWD -	Direction	nal			8.250	3.25	1	18.0)1	78.	28		PHOE	NIX	TECHN	IOLOGY
													SERV			
NMDC					7.920	3.25	1	29.2	2	107.	50		PHOE	NIY	TECH!	OLOGY
VIVIDO					7.920	3.23	'	29.2	-	107.			SERV			,ologi
XO Sul	b				8.000	3.00		3.5	3	111.	03		J A OI MANL			G, INC.
Drill Co	ollar				8.000	3.00	3	88.7	11	199.	74		HELM			,
													INC			
XO Sul	b				4.500	2.88		3.8	88	203.	62		WOR		INGS IONAL	II C
HWDP					4.500	2.75	45	1,398.7	74	1,602.	36		WOR			
								<i>'</i>					INTER	RNAT	IONAL	LLC
Drill Pi	ре				4.500	3.83	126	3,972.6	64	5,575.	00		WOR		INGS IONAL	ПС
Bulk S	upply Ar	nounts											1	XI Y/XI	ONAL	LLU
	Supply Item	Des			Тур			Unit L		Rece		Used		ım Use		Cum On Loc
	L FUEL 2			FUEL OII	L 2 - OFF	ROAL)	GAL I	_			4,192		8,03		11,798.0
	L MUD Fluids		N	MUD				GAL I	US		0.0	0	.0		0.0	2,451.0
-luid Typ	е		Action				e to Lease	e (bbl)		Source			Vo	lume fr	om Leas	se (bbl)
	H WATER	(=		SÜMPTI	ON	480.				THIRD	-PAF	RTY				·
	al Notas															
1,000) Genera	ai Nutes			Тур	e 1			Ту	pe 2					Com		
<mark>1,000)</mark> Genera	Date			139			-	•	•		_					
<mark>1,000)</mark> Genera	Date			1,10				•								
1,000) Genera	Date	Incl (°)) #	Azm (°)	TVD (ft	KB)	VS			/S (ft)		E/W (ft)	DLS	S (°/100	ft) B	uild (°/100ft)

devon

Received by OCD: 9/11/2024 2:34:26 PM NORTH THISTLE 3 34 STATE COM 403C

Wellbore: OH

Daily Drilling - Without Cost Rpt #: 5 Date: 5/13/2024 05:00

INTR, INTR1, DRLG, TANGENT; 5/10/2024 19:30

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Build (°
3,883.00	9.76	312.35	3,855.42	-232.80	250.93	-248.47	1.90	
3,977.00	8.77	319.61	3,948.20	-242.86	261.75	-259.00	1.63	
4,071.00	7.57	326.27	4,041.24	-252.87	272.36	-267.08	1.62	
4,166.00	9.55	323.44	4,135.18	-263.80	283.90	-275.25	2.13	
4,260.00	9.21	331.27	4,227.93	-276.05	296.76	-283.51	1.40	
4,354.00	11.56	317.70	4,320.39	-288.88	310.32	-293.47	3.59	
4,449.00	11.60	317.83	4,413.46	-302.06	324.44	-306.29	0.05	
4,542.00	10.85	321.44	4,504.68	-314.97	338.22	-318.02	1.10	
4,636.00	11.42	309.55	4,596.92	-326.89	351.06	-330.72	2.51	
4,730.00	10.57	310.32	4,689.20	-337.40	362.57	-344.47	0.92	
4,824.00	10.96	306.87	4,781.54	-347.35	373.51	-358.19	0.80	
4,918.00	10.76	302.56	4,873.86	-356.38	383.59	-372.73	0.89	
5,013.00	11.43	302.42	4,967.09	-365.09	393.41	-388.15	0.71	
5,107.00	12.00	301.84	5,059.13	-374.07	403.56	-404.32	0.62	
5,201.00	11.73	301.09	5,151.12	-382.98	413.65	-420.80	0.33	
5,295.00	11.99	299.64	5,243.11	-391.54	423.41	-437.47	0.42	
5,389.00	12.19	299.63	5,335.03	-400.05	433.15	-454.58	0.21	
5,483.00	11.95	297.96	5,426.95	-408.28	442.62	-471.80	0.45	
5,575.00	11.95	297.96	5,516.96	-416.00	451.55	-488.63	0.00	

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Wellbore: OH

DELAWARE BASIN UNRESTRICTED

Daily Drilling - Without Cost

devon

NTR,	INTR1,	DRLG,	, TANGI	ENT;	5/10/20	24 19:3	0							Rpt	: #: 6	Date: 5	/14/202	24 0	5:00
Sub-Division	ARE BA	SINI SINI		Regio	n AWARE BA	SIN EAS	т		Name STLE F				Coun		Sta N	te/Province	API/UWI 3002551	111	
DUWI			e Legal Loc		AWARE DA	IOIN EAG	1		Latitude (°			Longitude (°	')	Gro		(ft) KB - GL (g KB E	lev (ft)
NA022	050487	34-2	2S-33E						32° 21'	12.892" 1	1 /	103° 33'	21.506"		42.90	25.00	3,	567.9	00
Jobs Current Wo	ell Status		Job (Category	/		Job Type	Targ	et Formati	on		Auth MD	(ftKB)	Respon		leams	Role		
DRILLIN	IG		DR	ILLING	G/COMPLET		DRILLING	3 2NI	BONE	SPRING	;	20,59	6.0						
XX-156	187.01.S	LC				VVB	S#							Length of C			Flared Dura	ation	
XX-156	187.01.F	TA												0	sas riaie	0	s Flated Dura	auon	
	187.01.D	RL												Safety	1	D DI / I	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	. /01	
Planned D 16.75	ays (days)						Job '	% Complete (7	ML) (%)					Days LTI (d 338.00	iays)	Days RI (days) # Sai	e/Stop	
Original Dr	lg Spud Dat		Job Spud Da		RR Date		Proj Jo	b Dur (days)		ys From Spu	ıd (days)		e Log Sp	Head Cour	nt	Pers Tot Hrs (hr) Cum	Pers H	lrs (hr)
5/6/202 <u>4</u> Rigs	4 22:30		5/6/2024	22:30	5/15/2	024 05:00	18.60	J	7.	27		4.38		Safety 0	Check	Summary			
Contractor	, Rig Name					Number		Rig Start			Rig End I				Туре	•	Last Da	ate	Next (days)
HELME DRILLIN		PAYNE I	NTERNA	AHONA	AL 26	9		5/10/20	024 17:0	00	5/15/20	024 05:0	10	BOP PR		RE TEST	5/8/202	4	16
			Job Phase	е					Cum	Duration (da	ys)			H2S			5/9/202		3
MOB														SAFETY			5/13/20	24	1
SURF NTR													1.15 3.40		Job Co			Office	
PROD													0.00	HOOKS			405-4	39-51	147
NPT An	alysis to	Date												FATHER			940-3	66-07	711
Time Log H 24.00	Hrs (hr)	Proble 24.0	em Time Ho	urs (hr)	Daily NPT Per 100.00	cent (%)	Cum Time L 130.50	og Total (hr)	Cum Jol 65.00	b NPT (hr)		m Job NPT 9.81	(%)	FOREM		AIVOL,	940-3	00-07	
	peration		U		100.00		130.30		103.00		49	7.01		LALONE	DE, BIL	LY, PIC	575-2	31-22	225
Report Sta	rt Date	Drilled	Last 24 Ho	ours (ft)	End Depth (ftk	(B)	Avg ROP (ff	/hr)	Drilling H	Hours (hr)	Circ	culating Ho	urs (hr)	DAY	ODD 1	DAVIO DIO	5 575 0	04.00	205
	24 05:00 at Report 1				5,575.0		24 Hour For	ecast						NIGHT	JRD, I	RAVIS, PIC	575-2	31-22	225
	G SŤUC						CONTIN	UE WITH	FISH J	OB UNTII	_ TOOL	S ARE		RIGGS,	PAUL,	RIG	432-2	02-43	321
24 Hour St	ımmarv						RETRIE	/ED						MANAG					
STRING	BAČKE				10K TQ, R/									FOSTER		RENCE,	903-5	90-60)17
					H, JAR & D IH T/ 1,364'								υп,			BRANDON	. 601-8	70-63	383
	TION E	ACH INT	ERVAL	•										MUD EN	,		,		
Remarks TOTAL	DRILLED) = 0'												LADNE) IVVD	IANI DID	047.0	ee Ec	062
	E 0' = 0% 0' = 0%	6												DRILLE		AN, DIR HT	817-3	00-58	903
SLIDE	0 - 0%													FABIAN	, JOSH	I, DIR	304-9	92-60	068
LAST S MD:	URVEY I	3IT PRO /D:	J. INC:		AZI									DRILLE					
5,483'	5,426		11.95°		7.96°									Mud Ad		Amounts Additive Des			Used
22' A HE	AD 1' F	SIGHT												CAUSTI					1
22 AIIL	אט וו	NOITI												ENGINE	ER PE	R DIEM			1
		- ,			=6, RIG MA LS REPOR		=1							LIME					2
ast Casin	g String	, -		V OI IL	LOIKLI OK	TLD	Next	Casing OD (i	n)	Next C	asing Set	Depth (ftKE	3)	MUD EN		ER			1
	CE 1, 1,0 Activity at F						8.62	25		6,034	1			TAX (SA				- 4	2,572 9
seological	Activity at F	keport rim	2													RDNER-DE	NVER P	Z-11	
	op Card	8												Pump #	Model		Pum	p Ratir	ng (hp)
EMPLO					HIS HAND (1 Liner Size	PZ-1	1 oke Length (in)		00.0 OR (bb	ol/stk)
JOB, EX CLOSE		D TO H	IM THE I	DANG	ER OF PUT	TING HA	NDS ON	JARS WI	HEN OF	PENED U	P IN CA	ASE THE	Υ	5 1/2	` 11	.00	0.077		. ,
		3/2024	17:30 @	5,575	i.0 ftKB Sou	urce:suc	tion							P (psi)	Slow F	R Strokes R.	Q Flow	Depth	(ttKB)
Depth (ftKI	3) De	nsity (lb/ga	ıl) T Flov	wline (°F)) Funnel Vis	s (s/qt) pH			(lbf/100ft ²	Gel (10m) (lbf/100.		n) (lbf/100			RDNER-DE			
5,575.0 PV Calc (c		0.40 Calc (lbf/10	0.0 0ft²) Vis 6	Srpm	Filtrate (mL/30r		I .00 Cake (1/32"	6 HTHP WL	(mL/30	7 HTHP FC.	ECD-M	9 IanuaLos	sses (bbl)	Pump#	Model PZ-1	1		p Ratir 00.0	ng (hp)
3.0	10	·	6		96.0	2	`	1	` 		1	0.0		Liner Size	(in) Stro	oke Length (in)	Vol/Stk	OR (bb	ol/stk)
.gs (%) 3.6	HGS (%) V	VPS (ppm)	Electr	ric Stab (V)	MBT	F	f (mL/mL)	Mf (mL/n 1.9	nL) Pm (i 2.5	mL/mL)	Cum Loss	es (bbl)	5 1/2 P (psi)		.00 R Strokes R.	0.077 Q Flow		(ftKB)
Chlorides (alcium (mg	/L) LCN	И .	Oil Wat 0/100	er Ratio	Bk Gas Max 0.00	Conr	n Gas Max	Max Tr 0.00	ip Gas	Max Dri 0.00	ll Gas						
Time Lo					0/100		0.00	10.0		10.00		10.00		PUMP #	Model	RDNER-DE		Z-11 p Ratir	na (hn)
Start Time	End Time	Dur (hr)	Operati		Start Depth (ftKB)	End Depth (ftKB)			Desc	ription			NPT	3	PZ-1		1,6	0.00	
	06:00	. ,	FISH	1011	1,361.0			APPLIED	10K T	TO THE			HOLE	Liner Size (5 1/2		oke Length (in)	Vol/Stk 0.077		ol/stk)
								TTING OF TRING BA						P (psi)		R Strokes R.			(ftKB)
							STRIN	G UP 5', V	'ERIFIE	D WITH	WIRELI	INE		Leak Of	f and I	Formation	Integrity	Tests	•
								ACK OUT PIPE. R/D			OVERS	s @						Eq	Fluid
							PREPA	RATION 7			DRILL			Leak off?	Test [Date MD D	epth (ftKB)	Dens	(lb/gal
							STRIN	G.						CONDU	CTOR	20 in@ 10	6.0 ftKB		
06:00	07:30	1.50	FISH		1,361.0	0.0		UT OF H		*			HOLE	Set Date			String Grade		
								STRING I SOVER @			BOVE			4/20/202 SURFA		VELDED 13 3/8 in@ ⁻	J-55 1 068 8 ff	94. KB	00
07:30	09:00	1.50	FISH		0.0	0.0		STANDS (T DRILI	L PIPE	HOLE	Set Date	T	op Thread	String Grade	Wt/L	
								K BACK II						5/7/2024	4 E	BTC	J-55	54.	50
							TO ARI	ER SUB W RIVE	√⊓ILE V	VALL ON	OVERS	эпОТ							
09:00	10:00	1.00	FISH		0.0	0.0		ON OVER	SHOT 8	& GRAPP	LE		HOLE						
10:00	12:00	2.00	FISH		0.0	1,364.0		/ERSHOT		,			HOLE						
								ROSSOV											
							1,364'	r · ·		. 5. 01									
														1					

Received by OCD: 9/11/2024 2:34:26 PM NORTH THISTLE 3 34 STATE COM 403C

Wellbore: OH

devon INTR, INTR1, DRLG, TANGENT; 5/10/2024 19:30 **DELAWARE BASIN UNRESTRICTED**

Daily Drilling - Without Cost

Rpt #: 6 Date: 5/14/2024 05:00

Start	.og											
Time	End Time	Dur (hr)	Operation	Start Depth (ftKB)	End Depth (ftKB)		г	Description		NP		
12:00	13:30		FISH	1,364.0	1,364.0		PIPE, P/U	200K, S/O	55K, PUMP 5 UP TO 3456	50 HOL		
13:30	14:30	1.00	FISH	1,364.0	1,364.0	PERFORM INSPECTION			RICK S COOL DOW	HOL		
14:30	15:30	1.00	FISH	1,364.0	1,364.0			U 200K, S/O 55K, PUMP 50 R TO SPOT @ 3976' UP TO				
15:30	16:00	0.50	FISH	1,364.0	1,364.0	PERFORM	RM TOP DRIVE & DERRICK TION WHILE LET JARS COOL DOWN					
16:00	18:00	2.00	FISH	1,364.0	1,364.0	100 BBL F UP TO 295 LOST STR SEE IF BR PIPE ON T	RESH WA 55' ING WT & OKE IN D OP OF FI O IT, NO S	ING WT & PUMP PSI, CHECK TO OKE IN DIFFERENT SPOT, WORK OP OF FISH TO SEE IF TORQUE D IT, NO SUCCESS, DECISION				
18:00	19:00	1.00	FISH	1,364.0	0.0	TOOH, L/D GRAPPLE OVERSHO	WAS MIS		OOLS. M INSIDE TH	HOL		
19:00	19:30	0.50	RIGSVC	0.0	0.0	PERFORM DERRICK		,		HOL		
19:30	23:30	4.00	FISH	0.0	0.0	WAIT ON	GRAPPLE	& FISH TO	OOLS	HOL		
23:30	01:00	1.50	FISH	0.0	1,364.0	M/U FISH OVERSHO			GRAPPLE IN	HOL		
01:00	02:30	1.50	FISH	1,364.0	1,364.0	SPACING,	JARRING P FRESH	PIPE, P/U WATER W	200K, S/O ITH 12 PH @	HOL		
02:30	03:00	0.50	FISH	1,364.0	1,364.0		PERFORM TOP DRIVE & DERRICK INSPECTION WHILE LET JARS COOL DOWN					
03:00	04:00	1.00	FISH	1,364.0	1,364.0	FRESH W	ARRING PIPE, P/U 200K, S/O 55K, PUMP RESH WATER WITH 12 PH @ 100-200 GPM HILE JARING PIPE					
04:00	04:30	0.50	FISH	1,364.0	1,364.0		PERFORM TOP DRIVE & DERRICK INSPECTION WHILE LET JARS COOL DOWN					
04:30	05:00	0.50	EIGH	4 004 0		JARRING PIPE, P/U 200K, S/O 55K, PUMP FRESH WATER WITH 12 PH @ 100-200 GPM						
			гюп	1,364.0	1,364.0	FRESH W	ATER WIT	H 12 PH @		HOL		
NPT De					·	FRESH WA	ATER WIT	H 12 PH @				
5/12/20 Dur (Net)	24 12:00		- TIGHT HO	LE - STUCK	PIPE - DE\	FRESH WA	ATER WIT	H 12 PH @				
5/12/20 Dur (Net) 65.00 Descriptio	024 12:00 (hr) Start 5,5	-HOLE Depth (ftKI 72.0	- TIGHT HO 3) End Depti 5,572.0	LE - STUCK h (fiKB) Est I 65.	PIPE - DE\ ost Time (hr) 00	FRESH WANTE JAI	ATER WIT RING PIPE GY (Cost) 91	Trouble Item	0 100-200 GP	M'M		
5/12/20 Dur (Net) 65.00 Descriptio DRILL	024 12:00 (hr) Start 5,5	-HOLE Depth (ftKl) 72.0	- TIGHT HO 3) End Depti 5,572.0	LE - STUCK h (ftKB) Est I	PIPE - DE\ ost Time (hr) 00	FRESH WANDERSON	ATER WIT RING PIPE GY (Cost) 91	Trouble Item	0 100-200 GP	M'M		
5/12/20 Dur (Net) 65.00 Descriptio DRILLS	024 12:00 (hr) Start 5,5 STRING upply An	Depth (ftKl 72.0 STUCK nounts	- TIGHT HO End Depti 5,572.0 WHILE SLID	LE - STUCK h (ftKB) Est 65. DING ON BOT	PIPE - DEV	FRESH WANNIE JAN ON ENERCY Estimated Cost 1,332,978.9	ATER WIT RING PIPE GY ((Cost) 91 NPT Continu UNINTER	Trouble Item RRUPTED Used	NPT Capacity UNDIMIN	/SHED		
5/12/20 Dur (Net) 65.00 Descriptio DRILL Bulk S	(hr) Start 5,5 STRING upply An Supply Item	Depth (ftKl 72.0 STUCK nounts	- TIGHT HO B) End Depti 5,572.0 WHILE SLID	LE - STUCK h (ftKB) Est 1 65.	PIPE - DEV	FRESH WANNIE JAI ON ENERCY Estimated Cost 1,332,978.s	ATER WIT RING PIPE GY ((Cost) 91 NPT Continu UNINTEF Received 7,201.0	Frouble Item Used 1,229.0	NPT Capacity UNDIMIN Cum Used 9,261.0	Cum On L		
5/12/20 Dur (Net) 65.00 Descriptio DRILL Bulk S DIESEL DIESEL	(hr) Start 5,5 STRING upply An Supply Item	Depth (ftKl 72.0 STUCK nounts	- TIGHT HO End Depti 5,572.0 WHILE SLID	LE - STUCK h (ftKB) Est 65. DING ON BOT	PIPE - DEV	FRESH WANNIE JAN ON ENERCY Estimated Cost 1,332,978.9	ATER WIT RING PIPE GY ((Cost) 91 NPT Continu UNINTER	Frouble Item Used 1,229.0	NPT Capacity UNDIMIN	/SHED		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL DIESEL	(hr) Start 5,5 on STRING upply An Supply Item	Depth (ftKl 72.0 STUCK nounts	- TIGHT HO B) End Depti 5,572.0 WHILE SLID FUEL OI	LE - STUCK h (ftKB) Est 65. DING ON BOT	PIPE - DEV	FRESH WANNIE JAI ON ENERCY Estimated Cost 1,332,978.s	ATER WIT RING PIPE GY ((Cost) 91 NPT Continu UNINTEF Received 7,201.0	Frouble Item Used 1,229.0	NPT Capacity UNDIMIN Cum Used 9,261.0	Cum On L		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL DIESEL Genera	or STRING upply An Supply Item L FUEL 2 L MUD al Notes Date	Depth (ftKl 72.0 STUCK nounts	- TIGHT HO B) End Depti 5,572.0 WHILE SLID FUEL OI	LE - STUCK (ftKB) Est 1 65. DING ON BOT Type L 2 - OFF RO	PIPE - DEV	FRESH WANNIE JAIN WHILE JAIN WHIL	ATER WIT RING PIPE GY ((Cost) 91 NPT Continu UNINTEF Received 7,201.0	Frouble Item Used 1,229.0	NPT Capacity UNDIMIN Cum Used 9,261.0 2,451.0	Cum On L		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera	poly 12:00 poly 15:00	Pepth (ftKl) 72.0 STUCK nounts Des	- TIGHT HO B) End Depti 5,572.0 WHILE SLID FUEL OI MUD Typ	LE - STUCK th (ftKB)	PIPE - DEV.ost Time (hr) 000	FRESH WANNIE JAI ON ENERC Estimated Cost 1,332,978.s Unit Label GAL US GAL US Type 2	ATER WIT RING PIPE (Cost) 91 NPT Continu UNINTEF Received 7,201.0	Frouble Item Used 1,229.0	NPT Capacity UNDIMIN Cum Used 9,261.0 2,451.0	Cum On L		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera	port of the control o	-HOLE Depth (ftKi 72.0 STUCK nounts Des	- TIGHT HO B) End Depti 5,572.0 WHILE SLID FUEL OI MUD Typ Azm (°) 6 318.60	LE - STUCK h (ffKB) Est 1 65. DING ON BOT Type L 2 - OFF RO	PIPE - DEV ost Time (hr) 00 TOM VS (i	FRESH WANNIE JAI ON ENERCE Estimated Cost 1,332,978.5 Unit Label GAL US GAL US Type 2	RING PIPE GY (Cost) D1 INPT Continu UNINTEF Received 7,201.0	Trouble Item iity RRUPTED Used 1,229.0 2,451.0	DLS (*/100ft)	Cum On L 17,770		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera	224 12:00 (hr) Start 5,5 on STRING upply An Supply Item L FUEL 2 L MUD al Notes Date (ftKB) 3,789.00 3,883.00 3,977.00	-HOLE Depth (ftKi 72.0 STUCK nounts Des	- TIGHT HO Bind Depti 5,572.0 WHILE SLID FUEL OI MUD Azm (*) 318.60 312.35 7 319.61	LE - STUCK (h (ftKB)	PIPE - DEV	FRESH WANNIE JAI ON ENERGE Estimated Cost 1,332,978.5 Unit Label GAL US GAL US Type 2 10 11 12 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18	RING PIPE GY (Cost) D1 INPT Continu UNINTEF Received 7,201.0 0.0 G (ft) 240.50	Frouble Item ity Used 1,229.0 2,451.0 E/W (ft) -238.12	DLS (°/100ft) 0.32	SHED Cum On L 17,770 Build (°/100 -0. 1.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera	224 12:00 (hr) Start 5,5 STRING upply An Supply Item L FUEL 2 L MUD al Notes Date (ftkB) 3,789.00 3,883.00 3,977.00 4,071.00	Incl (*) 8.20 Incl (*) 8.20 8.77 7.5	- TIGHT HO Bind Depti 5,572.0 WHILE SLID FUEL OI MUD Tyg Azm (°) 318.60 312.35 7 319.61 7 326.27	LE - STUCK (h (ftKB)	PIPE - DEV cost Time (hr) 000 TOM DAD VS (r) 58 -22 42 -23 20 -24 24 -25	Von ENERCE	ATER WIT RING PIPE (Cost) 91 PT Continu UNINTER (Cost) 92 PT (Cost) 92 PT (Cost) 92 PT (Cost) 93 PT (Cost) 94 PT (Cost) 95	Trouble Item ity RRUPTED Used 1,229.0 2,451.0 E/W (ft) -238.12 -248.47 -259.00 -267.08	DLS (*/100ft) DLS (*/100ft) 0.32 1.63 1.62	SHED Cum On L 17,770 Build (°/100 -0. 1. -1.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera	(ftr) Start	Incl (°) 8.20 8.77 8.77 9.55	FUEL OI MUD Azm (°) 6 318.60 6 312.35 7 319.61 7 326.27 5 323.44	LE - STUCK (ftKB)	PIPE - DEV cost Time (hr) 000 TOM DAD VS (fr. 58 -22 42 -23 20 -24 24 -25 18 -26	Volume V	ATER WIT RING PIPE (Cost) 91 PIPE (Post) 91 PIPE (Cost) 91 PIPE (Post) 91 PIPE (P	Trouble Item ity RRUPTED Used 1,229.0 2,451.0 EW (ft) -238.12 -248.47 -259.00 -267.08 -275.25	DLS (°/100ft) DLS (°/100ft) 0.32 1.90 1.63 1.62 2.13	Build (°/100 -0. 11.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera	024 12:00 (hr) Start 5,5 on STRING upply An Supply Item L FUEL 2 L MUD al Notes Date / Data (fft/8) 3,789.00 3,883.00 3,977.00 4,071.00 4,166.00 4,260.00	HOLE Depth (ftKl 72.0 STUCK nounts Des	FUEL OI Azm (°) 3 318.60 3 312.35 7 319.61 7 326.27 5 323.44 1 331.27	LE - STUCK (ftKB)	PIPE - DEV cost Time (hr) 00 TOM DAD Vs (i) 58	Unit Label GAL US	ATER WIT RING PIPE (Cost) 91 PIPE (Cost) 92 PIPE (Cost) 93 PIPE (Cost) 94 PIPE (C	Trouble Item ity RRUPTED Used 1,229.0 2,451.0 E/W (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51	DLS (*/100ft) 0.32 1.63 1.62 2.13 1.40	Build (°/100 -0112.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL DIESEL Survey	(ftr) Start	Incl (°) 8.20 8.77 8.77 9.55	FUEL OI MUD Azm (°) 3 318.60 3 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70	LE - STUCK (ftKB)	PIPE - DEV	FRESH W/WHILE JAI /ON ENERGE Estimated Cost 1,332,978.9 Unit Label GAL US Type 2 it) N/3 2.3.12 2 2.86 2 2.87 2 3.80 2 6.05 2 8.888 3	ATER WIT RING PIPE (Cost) 91 PIPE (Post) 91 PIPE (Cost) 91 PIPE (Post) 91 PIPE (P	Trouble Item ity RRUPTED Used 1,229.0 2,451.0 EW (ft) -238.12 -248.47 -259.00 -267.08 -275.25	DLS (°/100ft) DLS (°/100ft) 0.32 1.90 1.63 1.62 2.13	Build (°/100 -0. 11.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL DIESEL Survey	024 12:00 (hr) Start 5,5 on STRING upply An Supply Item L FUEL 2 L MUD al Notes Date / Data (ffKB) 3,789.00 3,883.00 4,071.00 4,166.00 4,260.00 4,354.00	HOLE Depth (ftKf 72.0 STUCK nounts Des	FUEL OI Azm (°) 3 318.60 3 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70 0 317.83	TVD (ffKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227.	PIPE - DEV	FRESH W/WHILE JAI FRESH W/WHILE	ATER WIT RING PIPE (Cost) 91 PIPE (Cost) 92 PIPE (Cost) 93 PIPE (Cost) 94 PIPE (Cost) 94 PIPE (Cost) 94 PIPE (Cost) 95 PIPE (C	Trouble Item ity RRUPTED Used 1,229.0 2,451.0 E/W (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51 -293.47	DLS (*/100ft) 0.32 1.63 1.62 2.13 1.40 3.59	Build (°/100 -011202.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera	124 12:00	Incl (*) 8.2(9.7(8.7) 9.5(9.2) 11.5(FUEL OI Azm (°) 3 318.60 3 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70 0 317.83 5 321.44	TVD (ffKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413.	PIPE - DEV	FRESH W/WHILE JAI FRESH W/WHILE	ATER WIT RING PIPE (Cost) 31 NPT Continu UNINTER (Cost) 31 NPT Continu UNINTER (Cost) 32 NPT Cost (Cost) 3	Trouble Item ity RRUPTED Used 1,229.0 2,451.0 E/W (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -293.47 -306.29	DLS (*/100ft) 0.32 1.62 2.13 1.40 3.59 0.05	Build (°/100 -0. 1120. 2. 0.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera Survey	Data (fixB) 3,789.00 3,883.00 4,071.00 4,166.00 4,260.00 4,4542.00 4,730.00	Incl (*) 8.20 9.70 8.77 9.50 9.20 11.50 10.83 11.44 10.5	FUEL OI MUD Azm (°) S 318.60 S 312.35 T 319.61 T 326.27 S 323.44 T 331.27 S 321.44 C 309.55 T 310.32	TVD (ffKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,689.	PIPE - DEV Cost Time (hr)	FRESH W/WHILE JAI /ON ENERGE Estimated Cost 1,332,978.5 Unit Label GAL US GAL US Type 2 13.12 2 2.80 2 2.86 2 2.86 2 3.80 2 6.05 2 8.88 3 2.06 3 4.97 3 6.89 3 7.40 3	ATER WIT RING PIPE (Cost) 91 PIPE (C	EW (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51 -293.47 -306.29 -318.02 -344.47	DLS (*/100ft) 0.32 1.90 1.63 1.62 2.13 1.40 3.59 0.05 1.10 2.51 0.92	Build (°/100 -0. 1110. 000.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera Survey	Data (fit/s) T Data (fit/s) (fit/s) T Data (fit/s) (f	Incl (*) 8.20 9.70 8.77 9.55 9.22 11.56 10.88 11.42 10.55	FUEL OI MUD Azm (°) S 318.60 S 312.35 T 319.61 T 326.27 S 323.44 T 331.27 S 321.44 T 331.27 S 321.44 T 331.35 T 310.32 T 310.32 T 310.32 T 310.32 T 310.32 T 310.32	TVD (ffKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,596. 4,689. 4,781.	PIPE - DEV cost Time (hr) 000 TOM DAD VS (r) 58 -222 42 -23 20 -244 24 -25 118 -26 93 -27 39 -28 46 -30 68 -31 92 -32 20 -33 54 -34	Volume V	ATER WIT RING PIPE (Cost) 91 PIPE (C	Used 1,229.0 2,451.0 2	DLS (*/100ft) Com Com DLS (*/100ft) 1.63 1.62 2.13 1.40 3.59 0.05 1.10 2.51 0.92 0.80	Build (°/100 -0. 11100. 00.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEL Genera E Survey	(hr) Starting Starting Starting Striking Strikin	Incl (°) 8.20 9.70 8.77 9.55 9.22 11.50 10.85 10.90 10.70	FUEL OI Azm (°) 6	TVD (ftKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,596. 4,689. 4,781. 4,873.	PIPE - DEV OST Time (hr)	Unit Label GAL US	ATER WIT RING PIPE (Cost) 91 PIPE (C	E/W (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51 -293.47 -306.29 -318.02 -330.72 -344.47 -358.19 -372.73	DLS (*/100f) Com DLS (*/100f) 0.32 1.90 1.63 1.40 3.59 0.05 1.10 2.51 0.92 0.89	Build (°/100 -0. 11120. 000.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEI Genera E Survey	(fir) Start Start	Incl (°) 8.2(9.7(8.7) 9.5(10.8) 11.6(10.8(10.9(11.4(1	FUEL OI Azm (°) 6 318.60 6 312.35 7 319.61 7 326.27 6 317.70 0 317.83 6 310.32 6 306.87 6 302.56 3 302.42	TVD (ftKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,596. 4,689. 4,781. 4,873. 4,967.	PIPE - DEV OST Time (hr)	FRESH W/WHILE JAI /ON ENERGE Estimated Cost 1,332,978.5 Unit Label GAL US GAL US Type 2 13.12	ATER WIT RING PIPE (Cost) 91 PIPE (Cost) 92 PIPE (Cost) 93 PIPE (Cost) 94 PIPE (Cost) 95 PIPE (C	EAW (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51 -293.47 -306.29 -318.02 -344.47 -358.19 -372.73 -388.15	DLS (*/100ft) Com DLS (*/100ft) 0.32 1.90 1.63 1.62 2.13 1.40 3.59 0.05 1.10 2.51 0.92 0.80 0.89 0.71	Build (°/100 -0000000.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEI Genera E Survey	Data (fft/8) 3,789.00 4,071.00 4,166.00 4,260.00 4,4824.00 4,918.00 5,107.00 5,107.00	Incl (°) 8.7 9.7 9.5 11.6 10.8 11.4 12.0	FUEL OI Azm (°) 3 318.60 3 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70 0 317.83 5 321.44 2 309.55 7 310.32 6 302.56 3 302.42 0 301.84	TVD (ftKB) 3,762 3,855 3,948 4,041 4,135 4,227 4,320 4,413 4,504 4,689 4,781 4,873 4,967 5,059	PIPE - DEV cost Time (hr) 00 TOM TOM Vs (t) 58 -22 42 -23 20 -24 24 -25 18 -26 93 -27 339 -28 46 -30 68 -31 92 -32 20 -33 54 -34 86 -35 54 -34 86 -35 30 -36 13 -37	FRESH W/WHILE JAI /ON ENERGE Estimated Cost 1,332,978.9 I Unit Label GAL US Type 2 III) II	ATER WIT RING PIPE ATER WIT RING PIPE (Cost) 91 INPT Continu UNINTER Received 7,201.0 0.0 5 (ft) 240.50 250.93 261.75 272.36 283.90 296.76 310.32 324.44 338.22 351.06 362.57 373.51 383.59 393.41 403.56	E/W (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51 -293.47 -306.29 -318.02 -344.47 -358.19 -372.73 -388.15 -404.32	DLS (*/100f) Com DLS (*/100f) 0.32 1.90 1.63 1.40 3.59 0.05 1.10 2.51 0.92 0.89	Build (°/100 -0. 11120. 000.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEI Genera E Survey	(fir) Start Start	Incl (°) 8.2(9.7(8.7) 9.5(10.8) 11.6(10.8(10.9(11.4(1	FUEL OI Azm (°) 3 318.60 3 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70 0 317.83 5 321.44 2 309.55 7 310.32 6 302.56 3 302.42 0 301.84 3 301.09	TVD (ftKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,596. 4,689. 4,781. 4,873. 4,967.	PIPE - DEV cost Time (hr) 00 TOM VS (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	FRESH W/WHILE JAI FRESH W/WHILE	ATER WIT RING PIPE (Cost) 91 PIPE (Cost) 92 PIPE (Cost) 93 PIPE (Cost) 94 PIPE (Cost) 95 PIPE (C	EAW (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51 -293.47 -306.29 -318.02 -344.47 -358.19 -372.73 -388.15	DLS (*/100ft) Com Com DLS (*/100ft) 1.63 1.62 2.13 1.40 3.59 0.05 1.10 2.51 0.92 0.80 0.89 0.71 0.62	Build (°/100 -011120. 00. 00. 00. 0.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEI Survey MD	Data (fft/8) 3,789.00 4,260.00 4,499.00 4,730.00 4,918.00 5,107.00 5,201.00 5,201.00 5,201.00 5,201.00	Incl (*) 8.20 9.70 11.44 12.00 11.75 11.	FUEL OI FUEL OI MUD Azm (°) 3 318.60 3 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70 0 317.83 5 321.44 2 309.55 7 310.32 6 306.87 6 302.56 3 302.42 0 301.84 3 301.09 9 299.64	TVD (ffKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,596. 4,689. 4,781. 4,873. 4,967. 5,059. 5,151.	PIPE - DEV	Unit Label GAL US CAL US	ATER WIT RING PIPE ATER WIT RING PIPE (Cost) 91 INPT Continu UNINTER Received 7,201.0 0.0 5 (ft) 240.50 250.93 261.75 272.36 283.90 296.76 310.32 332.444 338.22 351.06 362.57 373.51 383.59 393.41 403.56 413.65	E/W (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51 -293.47 -306.29 -318.02 -344.47 -358.19 -372.73 -388.15 -404.32 -420.80	DLS (*/100ft) Output Output	Build (°/100 -01110. 00. 000000.		
5/12/20 Dur (Net) 65.00 Descriptio DRILL: Bulk Si DIESEI DIESEI Survey	Date Data (fir.b) (Incl (*) 8.2(9.7(8.7) 9.53 9.22 11.5(10.9) 11.43 12.00 11.73	FUEL OI FUEL OI MUD Azm (°) 3 318.60 3 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70 0 317.83 5 321.44 2 309.55 7 310.32 6 302.56 3 302.42 0 301.84 3 301.09 9 299.64 9 299.63	TVD (ffKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,596. 4,689. 4,781. 4,873. 4,967. 5,059. 5,151. 5,243.	PIPE - DEV	Unit Label GAL US GAL US Call	ATER WIT RING PIPE (Cost) 91 NPT Continu UNINTEF Received 7,201.0 0.0 240.50 250.93 261.75 272.36 283.90 296.76 310.32 324.44 338.22 351.06 362.57 373.51 383.59 393.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 413.65 423.41 403.56 423.41 4	E/W (ft) -238.12 -248.47 -259.00 -267.08 -275.25 -283.51 -293.47 -306.29 -318.02 -344.47 -358.19 -372.73 -388.15 -404.32 -420.80 -437.47	DLS (*/100ft) 0.32 1.90 1.63 1.62 2.13 1.40 3.59 0.05 1.10 2.51 0.92 0.80 0.89 0.71 0.62 0.33 0.42	Build (°/100 -000000000		

NORTH THISTLE 3 34 STATE COM 403C

Wellbore: OH

DELAWARE BASIN UNRESTRICTED

Daily Drilling - Without Cost Rpt #: 7 Date: 5/15/2024 05:00

devon INTR, INTR1, DRLG, TANGENT; 5/10/2024 19:30

Sub-Divisio DELAW		SIN	Regi DEI	on LAWARE BA	ASIN EAS	Т	Field Na	ime ΓLE FLD			Coun LEA		Stat NN	e/Province	API/UWI 300255	1441	
DUWI WA0220	050487		e Legal Location 2S-33E					itude (°) '° 21' 12.89	92" N	Longitude (° 103° 33'			nd Elev 42.90	(ft) KB - GL (25.00		rig KB Ele ,567.90	
Jobs Current We	all Status		Joh Catago	n,		ob Type	Torget	ormation		Auth MD	\ /#KD\	Respons Contact N		eams	Role		
DRILLIN			Job Catego DRILLIN	G/COMPLE	TIONS	DRIËLING		BONE SPE	RING	20,59		Contact is	varne		Kole		
XX-1561	187.01.S	LC			WB	S#						Emission Length of Ga			s Flared Dur	ration	
XX-1561												0	as i iai e	0	s i laieu Dui	auon	
XX-1561 Planned Da		RL				lob % /	Complete (ML	\ (%)				Safety Days LTI (da	ays)	Days RI (days) # Sa	fe/Stop	
16.75	,					28.6		, , ,				339.00 Head Count	- /	Pers Tot Hrs (hr) Cum	Pers Hr	lre (hr)
Original Drl 5/6/2024			ob Spud Date 5/6/2024 22:30	RR Date 5/15/2	9 2024 05:00		Dur (days)	Days Fro 8.27	n Spud (da	(5.38 Cum Tim	e Log Sp				iii) Ouiii	11 013111	13 (111)
Rigs Contractor,	Dia Nama			Die	number Number		Rig Start Da	ito	Dia E	End Date		Safety C	neck	Summary	Т		Next
HELMER	RIČH & F	PAYNE I	NTERNATION				5/10/202			5/2024 05:0	0	BOP PRI	Type ESSUI		5/8/202		(days)
DRILLIN	iG CO.		Job Phase					Cum Duration	on (days)			H2S			5/9/202	24	2
MOB											0.06				5/14/20)24	1
SURF INTR											1.15 4.40		Job Co	ntact		Office	
PROD											0.00	HOOKS, SUPERIN			405-4	139-51	47
NPT An			Time :	Delle NDT De		Com Time I am	Tatal (ha)	None Jak NDT	/h.=\	Come Jak NIDT	(0/)	FATHER	EE, LA		940-3	366-07	′11
Time Log H 24.00	irs (nr)	24.0	m Time Hours (hr)	Daily NPT Pe 100.00		Cum Time Log 130.50		Cum Job NPT 35.00	(nr)	Cum Job NPT 49.81	(%)	FOREMA		LV DIC	E7E 0	24.00	205
Daily Op Report Star			Last 24 Hours (ft)	End Depth (ft	KB)	Avg ROP (ft/hr) Ir	Orilling Hours (hr)	Circulating Ho	urs (hr)	LALOND DAY	E, DIL	LY, PIC	3/3-2	231-22	.25
5/14/202	24 05:00	0.00	Last 24 Hours (It)	5,575.0	,		,	Tilling Flours (,	On calating 110	uis (iii)		RD, T	RAVIS, PIO	575-2	231-22	25
Operations INSTALI	LING TA					24 Hour Forec RELEASE		H THISTL	E 3-34 S	STATE COM	1 504H	NIGHT RIGGS, I	PAUL.	RIG	432-2	202-43	321
24 Hour Su JAR ON		UN FRE	E POINT WI	TH WIRELIN	NE, JAR O	N FISH 1 H	IR & PER	FORM DE	RRICK II	NSPECTIO	N	MANAGE	ER				
			FREE POINT ED PIPE T/1,0								OVE	FOSTER SAFETY	*		903-5	590-60	117
WEAR E	BUSHING	3, P/U F	ETRIEVABLE									ALEXAN	DER,	BRANDON	, 601-8	370-63	83
Remarks	10' OF E	BRIDGE	PLUG.									MUD EN	GINEE	ĒR			
TOTAL I	DRILLED E 0' = 0%											LARNER	*	,	817-3	366-59	63
SLIDE (•										FABIAN,			204.0	002.60	160
LAST SI	URVEY E	BIT PRO										DRILLER		,	304-8	992-60	100
MD: 5,483'	T\ 5,426	'D: .95'	INC: 11.95° 29	AZI 97.96°								Mud Add		Amounts	_		
,	,											BLUE MA		Additive Des		- (Used 25
22' AHE												ENGINE	ER PE	R DIEM			1
			NIGHT CREW ENTS OR SPI			:1						MUD EN	CINE	:D			6 1
Last Casing		68 8ftK	3			Next Ca 8.625	sing OD (in)		ext Casing	Set Depth (ftKE	3)	TAX (SA		-11		4	4,485
Geological	, ,					0.020			,,004			ZINC OX	IDE				20
Safe/Sto	op Cards	3										PUMP #1	Model	RDNER-DE		Z-11 np Rating	na (hn)
Stop Job D		UP BR	DGE PLUG A	SSEMBLY.	DERRICK	HAND OB	SERVED	THE MOU	SEHOLE	LEFT		1	PZ-11		1,6	0.00	
UNCOV	ERED. I	DERRIC	K HAND STO	PPED THE	JOB, INS	TALLED TH	HE MOUS	EHOLE C	OVER, A	ND DISCU		Liner Size (ii 5 1/2	11	ke Length (in)	0.077		
			17:00 @ 5,57				I IONS CC	MINOEL	WITHO	OT INCIDE	IN I.	P (psi)	Slow F	R Strokes R.	Q Flow	Depth ((ftKB)
Depth (ftKE 5,575.0	,	nsity (lb/ga .40	T Flowline (°I 0.0	F) Funnel Vi		.00	Gel (10s) (lb	of/100ft²) Gel 8	(10m) (lbf/	100 Gel (30m	n) (lbf/100			RDNER-DE			(1)
PV Calc (cf	P) YP C	alc (lbf/10		Filtrate (mL/30	min) Filter	Cake (1/32")	-		P FC EC	D-ManuaLos	sses (bbl)	Pump#	Model PZ-11		1,6	np Rating	,
5.0 LGS (%)	HGS (%) W		tric Stab (V)	2 MBT	Pf (ı		lf (mL/mL)	Pm (mL/ml			Liner Size (ii 5 1/2		ke Length (in)	Vol/Stk	OR (bbl	ıl/stk)
3.7 Chlorides (i	0.0 ma/L) Ca	alcium (mg	L) LCM	Oil Wa	ter Ratio	Bk Gas Max	Conn G	.6 as Max IN	2.7 lax Trip Gas	0.0 s Max Dri	ll Gas	P (psi)	Slow F	Strokes R.	Q Flow	Depth ((ftKB)
184,000 Time Lo	0		<u></u>	0/100		0.00	0.00		0.00	0.00				RDNER-DE			
Start		D (b.)	On one the m	Start Depth	End Depth			D			NDT	Pump#	Model PZ-11			np Rating	ıg (hp)
Time 05:00	End Time 05:30	0.50	Operation FISH	(ftKB) 1,364.0	(ftKB) 1,364.0	JARRING	PIPE, P/	Description U 200K, S	O 55K,	PUMP	HOLE	Liner Size (ii 5 1/2		ke Length (in)	Vol/Stk	OR (bbl	ol/stk)
							VATER W ARING PI	ITH 12 PH PE	@ 100-	200 GPM		P (psi)		Strokes R.			(ftKB)
05:30	09:00	3.50	FISH	1,364.0	1,364.0			JN FREE I	POINT T	OOL, P/U	HOLE	Leak Off	and F	ormation	Integrity	Tests	3
							165K, S/C H, R/D WI	STRING RELINE	125K FC)R		Leak off?	Test D	ate MD D	epth (ftKB)		Fluid (lb/gal)
						NOTE: 2,	750' = 10	0% FREE,									
						IFREE, 3,	500 - 60	% FREE, 3	,900 – 4	0% FREE		Set Date		20 in@ 10	6.0 ftKB String Grade		.en (l
09:00	10:00	1.00	FISH	1,364.0	1,364.0	JARRING					HOLE	4/20/202	4 V	ELDED	J-55	94.0	
							VATER W ARRING F	ITH 12 PH PIPE	@ 100-	200 GPM		SURFAC Set Date	To		String Grade	e Wt/Le	
10:00	10:30	0.50	FISH	1,364.0	1,364.0	PERFOR				N. B.O.	HOLE	5/7/2024	В	TC	J-55	54.5	50
						INSPECT	ION WHI	LE LET JA	RS COC	DL DOWN							
10:30	11:30	1.00	FISH	1,364.0	1,364.0	JARRING					HOLE						
							VATER W ARING PI	ITH 12 PH PE	@ 100-	200 GPM							
						_											

Received by OCD: 9/11/2024 2:34:26 PM NORTH THISTLE 3 34 STATE COM 403C

Wellbore: OH

devon INTR, INTR1, DRLG, TANGENT; 5/10/2024 19:30 **DELAWARE BASIN UNRESTRICTED**

Daily Drilling - Without Cost

Rpt #: 7 Date: 5/15/2024 05:00

Start	.og											
	E. I. E.	D (b.)	0	Start Depth	End Depth			D		NDT		
Time 11:30	End Time 12:00	0.50	Operation FISH	(ftKB) 1,364.0	(ftKB) 1,364.0			Description DRIVE & DERF IILE LET JARS		HOLE		
12:00	13:00	1.00	FISH	1,364.0	1,364.0		ATER V	P/U 200K, S/O VITH 12 PH @ PIPE		HOLE		
13:00	13:30	0.50	FISH	1,364.0	1,364.0	PERFORM TOP DRIVE & DERRICK INSPECTION WHILE LET JARS COOL DOWN						
13:30	17:00	3.50	FISH	1,364.0	1,364.0	3,962', P/U FOR STRE	R/U WIRELINE, RUN FREE POINT TOOL T/ 3,962', P/U STRING 165K, S/O STRING 125K FOR STRETCH, RUN 640 GRAIN STRING SHOT TO BACK OFF @ 3,000', R/D					
17:00	19:00	2.00	FISH	3,000.0	1,635.0	TOOH F/ 3 SAME	000' TO	O FISHING TO	OOLS & L/D	HOLE		
19:00	20:30	1.50	DPIPE	1,635.0	1,068.0	1,068' NOTE: HA	VING 1	0 4.5" DRILL P FO USE RIG T E TIGHT CON	ONGS TO	T/ HOLE		
20:30	21:30	1.00	CIRC	1,068.0	1,068.0	DISPLACE	HOLE	WITH 10# BF	RINE	HOLE		
21:30	00:30	3.00	DPIPE	1,068.0	0.0	0' NOTE: RI	G UP S) 4.5" DRILL P NUB LINE TO ON EVERY C	STUMP AND			
00:30	01:00	0.50	WLHEAD	0.0	0.0	REMOVE V	WEAR	BUSHING		HOLE		
01:00	02:30	1.50	PLUGA	0.0	ŕ	1,005', SE NOTE: ST	T BRID RAP IN	HOLE				
02:30	03:00	0.50	PLUGA	1,005.0	1,005.0	TEST BRID		LUG/CASING T	1500 PSI - 30	HOLE		
03:00	03:30	0.50	RIGSVC	1,005.0	1,005.0			S SERVICE N, BLOCKS, T	OP DRIVE, S	HOLE ST-		
						80	LVADI	ABLES & ANN	LILAD			
03:30	04:00	0.50	PLUGA	1,005.0	0.0	TOOH & LA	D RUN	TOOL, DUMF LE TO COVE	P 18 BAGS O	HOLE		
						PLUG 10' N/D BOP'S						
04:00	04:30	0.50	BOPN	0.0	0.0	N/D BOP'S	;			HOLE		
04:00 04:30	04:30 05:00		BOPN WLHEAD	0.0		INSTALL C	AP TO NO	RTH THISTLE		HOLE		
04:30 NPT De	05:00	0.50	WLHEAD	0.0	0.0	INSTALL C RELEASE COM 504H	AP TO NO I @ 06:			HOLE		
04:30 NPT De 5/12/20	05:00 etails 024 12:00	0.50 -HOLE	WLHEAD - TIGHT HO	0.0	0.0 PIPE - DEV	INSTALL C RELEASE COM 504H	TO NO I @ 06:	00 CST ON 5/		HOLE		
04:30 NPT Do 5/12/20 Dur (Net) 65.00	05:00 etails 024 12:00 (hr) Start 5,5	0.50	WLHEAD - TIGHT HO	0.0 LE - STUCK h (ffKB) Est I	0.0 PIPE - DEV	INSTALL C RELEASE COM 504H	TO NO TO NO I @ 06: GY (Cost)	Trouble Item	15/24.	HOLE		
04:30 NPT Do 5/12/20 Dur (Net) 65.00 Description DRILL	05:00 etails 024 12:00 (hr) Start 5,5	0.50 -HOLE Depth (ffK 72.0	- TIGHT HO B) End Depti 5,572.0	0.0 LE - STUCK h (ffKB) Est I	0.0 PIPE - DEV ost Time (hr)	INSTALL C RELEASE COM 504H	TO NO I @ 06: GY (Cost) 91	Trouble Item		HOLE		
NPT Do 5/12/20 Dur (Net) 65.00 Descriptic DRILL Bulk S	05:00 etails 024 12:00 (hr) Start 5,5 on STRING upply An Supply Item	0.50 -HOLE Depth (ftK 72.0 STUCK nounts Des	- TIGHT HO B) End Deptt 5,572.0 WHILE SLID	DING ON BOT	PIPE - DE\ cost Time (hr) 00	INSTALL C RELEASE COM 504F /ON ENERC Estimated Cost 1,332,978.9	TO NO I @ 06: GY (Cost) 91	Trouble Item Trouble Item TERRUPTED Ved Used	NPT Capacity UNDIMIN	HOLE Y ISHED Cum On Loc		
NPT DO 5/12/20 Dur (Net) 65.00 Descriptic DRILL Bulk S	05:00 etails 024 12:00 (hr) Start 5,5 on STRING upply An	0.50 -HOLE Depth (ftK 72.0 STUCK nounts Des	- TIGHT HO B) End Deptt 5,572.0 WHILE SLID	LE - STUCK th (fiKB) Est 65.	PIPE - DE\ cost Time (hr) 00	INSTALL C RELEASE COM 504H /ON ENERC Estimated Cost 1,332,978.9	CAP TO NO I @ 06: GY (Cost) 91 NPT Col UNINT	Trouble Item	NPT Capacity	HOLE		
NPT Do 5/12/20 Dur (Net) 65.00 Description DRILL Bulk S	05:00 etails 024 12:00 (hr) Start 5,5 STRING upply An Supply Item L FUEL 2	0.50 -HOLE Depth (ftK 72.0 STUCK nounts Des	- TIGHT HO B) End Depti 5,572.0 WHILE SLID	DING ON BOT	PIPE - DE\ cost Time (hr) 00	INSTALL C RELEASE COM 504F /ON ENERC Estimated Cost 1,332,978.9	CAP TO NO I @ 06: GY (Cost) 91 NPT Col UNINT	Trouble Item Trouble Item TERRUPTED Ved Used	NPT Capacity UNDIMIN	HOLE Y ISHED Cum On Loc		
NPT Do 5/12/20 Dur (Net) 65.00 Descriptic DRILL Bulk S DIESE	05:00 etails 024 12:00 (hr) Start 5,5 STRING upply An Supply Item L FUEL 2 al Notes Date	0.50 -HOLE Depth (ftK 72.0 STUCK nounts Des	- TIGHT HO B) End Depti 5,572.0 WHILE SLID	DE - STUCK In (fikB) Est 65. ING ON BOT Type L 2 - OFF RO	PIPE - DE\ cost Time (hr) 00	INSTALL C RELEASE COM 504F /ON ENERC Estimated Cost 1,332,978.9 Unit Label GAL US	CAP TO NO I @ 06: GY (Cost) 91 NPT Col UNINT	Trouble Item Trouble Item TERRUPTED Ved Used	NPT Capacity UNDIMIN Cum Used 9,782.0	HOLE Y ISHED Cum On Loc		
NPT Do 5/12/20 Dur (Net) 65.00 Descriptic DRILL Bulk S DIESEI Genera	o5:00 etails 024 12:00 (hr) Start 5,5 STRING upply An Supply Item L FUEL 2 al Notes Date / Data (ftKB)	0.50 -HOLE Depth (ffK 72.0 STUCK nounts Des	- TIGHT HO B) End Depti 5,572.0 WHILE SLID	0.0 LE - STUCK In (fiKB) Est 1 STUDING ON BOTH Type L 2 - OFF RO TVD (fiKB)	PIPE - DE\ Ost Time (hr) OO TOM	INSTALL C RELEASE COM 504F /ON ENERC Estimated Cost 1,332,978.9 Unit Label GAL US Type 2	FAP TO NO TO	Trouble Item httinuity FERRUPTED yed Used 0.0 521.0	NPT Capacity UNDIMIN Cum Used 9,782.0 Com	HOLE SHED Cum On Loc 0.0 Build (°/100ft)		
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NPT Do 5/12/20 Dur (Net) 65.00 Descriptic DRILL Bulk S DIESEI Survey MD	obs:00 etails D24 12:00 (hr) Start 5,5 STRING upply An Supply Item L FUEL 2 al Notes Date / Data (ftKB) 3,789.00 4,071.00 4,166.00 4,260.00 4,354.00 4,449.00 4,542.00 4,636.00 4,730.00 4,730.00 4,824.00 4,918.00 5,013.00	0.50 O-HOLE Depth (ftK 72.0 STUCK nounts Des Incl (*) 8.2 9.7 7.5 9.5 9.2 11.5 11.6 10.8 11.4 10.5 10.9 10.7 11.4	FUEL OI Azm (°) 6 318.60 6 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70 0 317.83 5 321.44 2 309.55 7 310.32 6 306.87 6 302.56 3 302.42	TVD (ftKB) Type L 2 - OFF RC TVD (ftKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,596. 4,689. 4,781. 4,873. 4,967.	0.0 PIPE - DEV OST Time (hr) 00 TOM VS (t) 58	INSTALL C RELEASE COM 504I- /ON ENERC Estimated Cost 1,332,978.5 ti) N/S 3.12 2 2.80 2 2.86 2 2.86 2 2.86 2 2.86 2 2.86 3 4.97 3 6.689 3 7.40 3 7.35 3 6.638 3 5.09 3	Receive Receiv	Trouble Item Attinuity TERRUPTED Trouble Item Trouble I	DLS (°/100ft) O.32 1.90 1.63 1.40 3.59 0.05 1.10 2.51 0.92 0.80 0.89 0.71	Build (°/100ft) -0.22 -1.05 -1.28 -0.36 -2.50 -0.04 -0.81 -0.90 -0.41 -0.21 -0.71		
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NPT DO 5/12/20 Dur (Net) 65.00 Description DRILL Bulk S DIESE Genera MD	obs:00 ctails obs:00 ctails	0.50 O-HOLE Depth (ftK 72.0 STUCK nounts Des Incl (°) 8.2 9.7 8.7 7.5 9.2 11.5 11.6 10.8 11.4 10.5 10.9 10.7 11.4 12.0 11.7 11.9	HEAD TIGHT HO B) End Depti 5,572.0 WHILE SLID FUEL OI FUEL OI Azm (°) 6 318.60 6 312.35 7 319.61 7 326.27 6 323.44 1 331.27 6 317.70 0 317.83 5 321.44 2 309.55 7 310.32 6 306.87 6 302.56 3 302.42 0 301.84 3 301.09 9 299.64	TVD (ffKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,596. 4,689. 4,781. 4,873. 4,967. 5,059. 5,151. 5,243.	0.0 PIPE - DEV OST Time (hr) 00 TOM DAD VS (i) 58	INSTALL C RELEASE COM 504H /ON ENERC Estimated Cost 1,332,978.5 Type 2 In the stimated Cost 1,332,978.5 In the stimated Cost 1,332,978.5	Receive Receiv	Trouble Item Intinuity FERRUPTED Ved	DLS (*/100ft) 0.32 1.90 1.63 1.62 2.13 1.40 3.59 0.05 1.10 2.51 0.92 0.80 0.89 0.71 0.62 0.33 0.42	Build (*/100ft) -0.22 -1.05 -1.28 -0.36 -2.50 -0.04 -0.81 -0.90 -0.41 -0.21 -0.21 -0.21 -0.22 -0.28		
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NPT DO 5/12/20 Dur (Net) 65.00 Description DRILL Bulk S DIESE Genera MD	obs:00 ctails obs:00 ctails	0.50 O-HOLE Depth (ftK 72.0 STUCK nounts Des Incl (°) 8.2 9.7 8.7 7.5 9.2 11.5 11.6 10.8 11.4 10.5 10.9 10.7 11.4 12.0 11.7 11.9	FUEL OI Azm (°) 6 318.60 6 312.35 7 319.61 7 326.27 5 323.44 1 331.27 6 317.70 0 317.83 5 321.44 2 309.55 7 310.32 6 306.87 6 302.56 3 302.42 0 301.84 3 301.09 9 299.63 5 297.96	TVD (ffKB) 3,762. 3,855. 3,948. 4,041. 4,135. 4,227. 4,320. 4,413. 4,504. 4,596. 4,689. 4,781. 4,873. 4,967. 5,059. 5,151. 5,243.	0.0 PIPE - DEV ost Time (hr) 00 TOM DAD VS (i) 58	Unit Label GAL US	Receive Receiv	Trouble Item Intinuity FERRUPTED Ved	DLS (*/100ft) 0.32 1.90 1.63 1.62 2.13 1.40 3.59 0.05 1.10 2.51 0.92 0.80 0.89 0.71 0.62 0.33 0.42	Build (*/100ft) -0.22 -1.05 -1.28 -0.36 -2.50 -0.04 -0.81 -0.90 -0.41 -0.21 -0.21 -0.21 -0.22 -0.28		

State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division Standard Plugging Conditions



This document provides OCD's general plugging conditions of approval. It should be noted that the list below may not cover special plugging programs in unique and unusual cases, and OCD expressly reserves the right to impose additional requirements to the extent dictated by project conditions. The OCD also reserves the right to approve deviations from the below conditions if field conditions warrant a change. A C-103F NOI to P&A must be approved prior to plugging operations. Failure to comply with the conditions attached to a plugging approval may result in a violation of 19.15.5.11 NMAC, which may result in enforcement actions, including but not limited to penalties and a requirement that the well be re-plugged as necessary.

- 1. Notify OCD office at least 24 hours before beginning work and seek prior approval to implementing any changes to the C-103 NOI to PA.
 - North Contact, Monica Kuehling, 505-320-0243, monica.kuehling@emnrd.nm.gov
 - South Contact, Gilbert Cordero, 575-626-0830, gilbert.cordero@emnrd.nm.gov
- A Cement Bond Log is required to ensure strata isolation of producing formations, protection of
 water and correlative rights. A CBL must be run or be on file that can be used to properly
 evaluate the cement behind the casing.

Note: Logs must be submitted to OCD via OCD permitting. A copy of the log may be emailed to OCD inspector for faster review times, but emailing does not relieve the operators obligation to submit through OCD permitting.

- 3. Once Plugging operations have commenced, the rig must not rig down until the well is fully plugged without OCD approval. If gap in plugging operations exceeds 30 days, the Operator must file a subsequent sundry of work performed and revised NOI for approval on work remaining. At no time shall the rig be removed from location if it will result in waste or contamination of fresh water.
- 4. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- 5. Fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
 - North, water or mud laden fluids
 - South, mud laden fluids
- 6. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to an OCD permitted disposal facility.
- 7. Class of cement shall be used in accordance with the below table for depth allowed.

Class	TVD Lower Limit (feet)
Class A/B	6,000
Class I/II	6,000
Class C or III	6,000
Class G and H	8,000
Class D	10,000

Class E	14,000
Class F	16,000

- 8. After cutting the well head any "top off cement jobs" must remain static for 30 minutes. Any gas bubbles or flow during this 30 minutes shall be reported to the OCD for approval of next steps.
- 9. Trucking companies being used to haul oilfield waste fluids (Commercial or Private) to a disposal facility shall have an approved OCD C-133 permit.
 - A copy of this permit shall be available in each truck used to haul waste products.
 - It is the responsibility of the Operator and Contractor to verify that this permit is in place prior to performing work.
 - Drivers shall be able to produce a copy upon request of an OCD Compliance Officer.
- 10. Filing a [C-103] Sub. Plugging (C-103P) will serve as notification that the well has been plugged.
- 11. A [C-103] Sub. Release After P&A (C-103Q) shall be filed no later than a year after plugging and a site inspection by OCD Compliance officer to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to meet OCD standards before bonding can be released.
- 12. Produced water or brine-based fluids may not be used during any part of plugging operations without prior OCD approval.

13. Cementing;

- All cement plugs will be neat cement and a minimum of 100' in length. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- If cement does not exist between or behind the casing strings at recommended formation depths, the casing perforations will be shot at 50' below the formation top and the cement retainer shall be set no more than 50' from the perforations.
- WOC (Wait on Cement) time will be:
 - o 4 hours for accelerated (calcium chloride) cement.
 - o 6 hours on regular cement.
- Operator must tag all cement plugs unless it meets the below condition.
 - The operator has a passing pressure test for the casing annulus and the plug is only an inside plug.
- If perforations are made operator must tag all plugs using the work string to tag unless given approval to tag with wireline by the correct contact from COA #1 of this document.
 - This includes plugs pumped underneath a cement retainer to ensure retainer seats properly after cement is pumped.
- Cement can only be bull-headed with specific prior approval.
- Squeeze pressures are not to exceed the exposed formations frac gradient or the burst pressure of the casing.
- 14. A cement plug is required to be set from 50' below to 50' above (straddling) formation tops, casing shoes, casing stubs, any attempted casing cut offs, anywhere the casing is perforated, DV tools.
 - Perforation/Formation top plug. (When there is less than 100ft between the top perforation to the formation top.) These plugs are required to be started no greater than

50ft from the top perforation. However, the plug should be set below the formation top or as close to the formation top as possible for the maximum isolation between the formations. The plug is required to be a 100ft cement plug plus excess.

- Perforation Plug when a formation top is not included. These plugs are required to be started within 50ft of the top perforation. The plug is required to be a 100ft cement plug plus excess.
- Cement caps on top of bridge plugs or cement retainers for perforation plugs, that are
 not straddling a formation top, may be set using a bailer with a minimum of 35' of
 cement in lieu of the 100' plug. The bridge plug or retainer must be set within 50ft of the
 perforations.
- Perforations are required below the surface casing shoe if cement does not exist behind
 the casing, a 30-minute minimum wait time will be required immediately after
 perforating to determine if gas and/or water flows are present. If flow is present, the
 well will be shut-in for a minimum of one hour and the pressure recorded. If gas is
 detected contact the OCD office for directions.
- 15. No more than 3000 feet is allowed between cement plugs in cased hole and no more than 2000 feet is allowed in open hole.
- 16. Formation Tops to be isolated with cement plugs, but not limited to are:
 - Northwest See Figure A
 - South (Artesia) See Figure B
 - Potash See Figure C
 - o In the R-111-P (Or as subsequently revised) Area a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
 - South (Hobbs) See Figure D1 and D2
 - Areas not provided above will need to be reviewed with the OCD on a case by case basis.

17. Markers

• Dry hole marker requirements 19.15.25.10.

The operator shall mark the exact location of plugged and abandoned wells with a steel marker not less than four inches in diameter set in cement and extending at least four feet above mean ground level. The marker must include the below information:

- 1. Operator name
- 2. Lease name and well number
- 3. API number
- 4. Unit letter
- 5. Section, Township and Range
- AGRICULTURE (Below grade markers)

In Agricultural areas a request can be made for a below ground marker. For a below ground marker the operator must file their request on a C-103 notice of intent, and it must include the following;

- A) Aerial photo showing the agricultural area
- B) Request from the landowner for the below ground marker.

C) Subsequent plugging report for a well using a below ground marker must have an updated C-102 signed by a certified surveyor for SHL.

Note: A below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to OCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to OCD. OCD requires a current survey to verify the location of the below ground marker, however OCD will accept a GPS coordinate that were taken with a GPS that has an accuracy of within 15 feet.

18. If work has not commenced within 1 year of the approval of this procedure, the approval is automatically expired. After 1 year a new [C-103] NOI Plugging (C-103F) must be submitted and approved prior to work.

Figure A

North Formations to be isolated with cement plugs are:

- San Jose
- Nacimiento
- Ojo Alamo
- Kirtland
- Fruitland
- Picture Cliffs
- Chacra (if below the Chacra Line)
- Mesa Verde Group
- Mancos
- Gallup
- Basin Dakota (plugged at the top of the Graneros)
- Deeper formations will be reviewed on a case-by-case basis

Figure B

South (Artesia) Formations to be isolated with cement plugs are:

- Fusselman
- Montoya
- Devonian
- Morrow
- Strawn
- Atoka
- Permo-Penn
- Wolfcamp
- Bone Springs
- Delaware , in certain areas where the Delaware is subdivided into;
 - 1. Bell Canyon
 - 2. Cherry Canyon
 - 3. Brushy Canyon
- Any salt sections
- Abo
- Yeso
- Glorieta
- San Andres
- Greyburg
- Queen
- Yates

Figure C

Potash Area R-111-P

T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All

except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S - R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23.

Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec

10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec

24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32

Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S - R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O.P.

T 20S - R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec

23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit

A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P.

Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S - R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P.

Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S - R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec

23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S - R 30E

Sec 1 - Sec 36

T 21S - R 31E

Sec 1 – Sec 36

T 22S - R 28E

Sec 36 Unit A,H,I,P.

T 22S - R 29E

Sec 1. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit

A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S - R 30E

Sec 1 – Sec 36

T 22S - R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25

Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S - R 28E

Sec 1 Unit A

T 23S - R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit

A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33

Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S - R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit

A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec

33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S - R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit

I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec

34. Sec 35 Unit C,D,E.

T 24S - R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S - R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11.

Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S – R 31E Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Figure D1 and D2

South (Hobbs) Formations to be isolated with cement plugs are:

The plugging requirements in the Hobbs Area are based on the well location within specific areas of the Area (See Figure D1). The Formations in the Hobbs Area to be isolated with cement plugs are (see Figure D2)

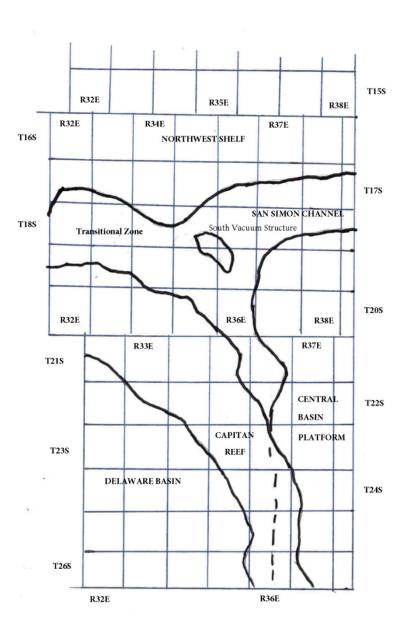


Figure D1 Map

Figure D2 Formation Table

	100'	Plug to isolate upper a	nd lower fresh water	zones (typically 250' to	350')	
Northwest Shelf	Captan Reef Area	Transition Zone	San Simon Channel	South Vacuum Structure	Delaware Basin	Central Basin Platform
Granit Wash (Detrital	-					Granit Wash (Detrital
basement material and						basement material,
fractured pre-Cambrian	Siluro-Devonian	Morrow	Siluro-Devonian	Ellenburger	Siluro-Devonian	fractured pre-Cambrian
basement rock)						basement rock and fracture
basement rock)						Mafic Volcanic intrusives).
Montoya	Mississippian	Atoka	Morrow	Mckee	Morrow	Ellenburger
Fusselman	Morrow	Strawn	Wolfcamp	Siluro-Devonian	Atoka	Connell
Woodford	Atoka	Cisco	Abo Reef	Woodford	Strawn	Waddell
Siluro-Devonian	Strawn	Pennsylvanian	Bone Spring	Mississippian	Pennsylvanian	Mckee
Chester	Pennsylvanian	Wolfcamp	Delaware	Barnett Shale	Lower Wolfcamp	Simpson Group
Austin	Wolfcamp	Bone Spring	San Andres	Morrow	Upper Wolfcamp	Montoya
Mississippian	Abo Reef, if present	Delaware	Queen	Atoka	Wolfcamp	Fusselman
Morrow	Abo, if present	San Andres	Yates	Strawn	Third Bone Spring Sand (Top of Wolfbone)	Silurian
Atoka	Queen, if present	Grayburg-San Andres	Base of Salt	Canyon	First Bone Spring Sand (Top of Lower Bone Spring)	Devonian
Lower Pennsylvanian	Bone Spring	Queen	Rustler	Pennsylvanian	Bone Spring	Strawn
Cisco-Canyon	Delaware	Seven Rivers		Blinebry	Brushy Canyon	Pennsylvanian
Pennsylvanian	Base Capitan Reef	Yates		Bone Spring	Delaware (Base of Salt)	Wolfcamp
Bough	Seven Rivers	Base of Salt		San Andres	Rustler	Abo
Wolfcamp	Yates	Rustler		Queen		Abo Reef
Abo	Top Capitan Reef			Base of Salt		Drinkard
Abo Reef, if present	Base of Salt			Rustler		Tubb
Yeso (Township 15 South to	Rustler					Blinebry
Township 17 South)	nustiei					Billiebly
Drinkard or Lower Yeso						
(Township 15 South to						Paddock
Township 17 South)						
Tubb (Township 15 South to						Glorieta
Township 17 South)						Cioneta
Blinebry (Township 15 South						San Andres
to Township 17 South)						SarrAndres
Paddock (Township 15						Grayburg
South to Township 17 South)						
Glorieta						Grayburg-San Andres
San Andres						Queen
Queen (Township 15 South						Seven Rivers
to Township 17 South)				1		
Seven Rivers (Township 15 South to Township 17 South)						Yates
Yates (Township 15 South to						
Township 17 South to						Base of Salt
Base of Salt						Rustler
Rustler -						1 Interation

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

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

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

CONDITIONS

Action 382707

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	382707
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By		Condition Date
gcordero	See changes to plugging plan	9/25/2024