

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-40719
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name THISTLE UNIT
8. Well Number 34H
9. OGRID Number 6137
10. Pool name or Wildcat BRINNINSTOOL; DELAWARE

SUNDRY NOTICES AND REPORTS ON WELLS
(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 PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
DEVON ENERGY PRODUCTION CO., L.P.

3. Address of Operator
333 W. SHERIDAN AVE., OKLAHOMA CITY, OKLAHOMA 73102-5010

4. Well Location
Unit Letter N : 350 feet from the SOUTH line and 2075 feet from the WEST line
Section 33 Township 23S Range 33E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3665'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: Bradenhead Squeeze & CBL ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

4/7/2015 - P.J Edsall received verbal approval from Paul Kautz Maxey Brown, NMOCD, to proceed with remediation efforts to squeeze the 7" x 9-5/8" annulus & bring cement up 300' above the intermediate casing shoe @ 5,155' to approximately 4,855'.

4/10/2015 - Bradenhead squeeze was performed as follows: Load lines w/ 20 bbls CW-100 spacer. Pressure test lines to 3,500psi; okay. Pumped 222 bbls tail slurry @ 13.0 ppg @ 5 bpm; displace w/99 bbls 2% KCL; start pumping & squeeze @ 450 psi; end job.

4/11/2015 - Ran CBL; estimated TOC @ 4,495'.

Attached is the post cementing job reports and a copy of the CBL

HOBBS OCD

APR 21 2015

RECEIVED

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Regulatory Specialist DATE 4/17/2015

Type or print name David H. Cook E-mail address: david.cook@dmn.com PHONE: (405) 552-7848
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 04/22/15
Conditions of Approval (if any):

APR 22 2015

[Signature]

Schlumberger HOBBSOCD

Client: Devon Energy
Well: Thistle Unit 34H
Date: 4/11/2015
Job Type: Sqz Job..

APR 21 2015

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Spacer System: 20 bbls. CW-100

Lead System: 880 sks TXI / 1.42 / 222 bbls. @ 13.0 ppg

Tail System:

Ann. Volume:

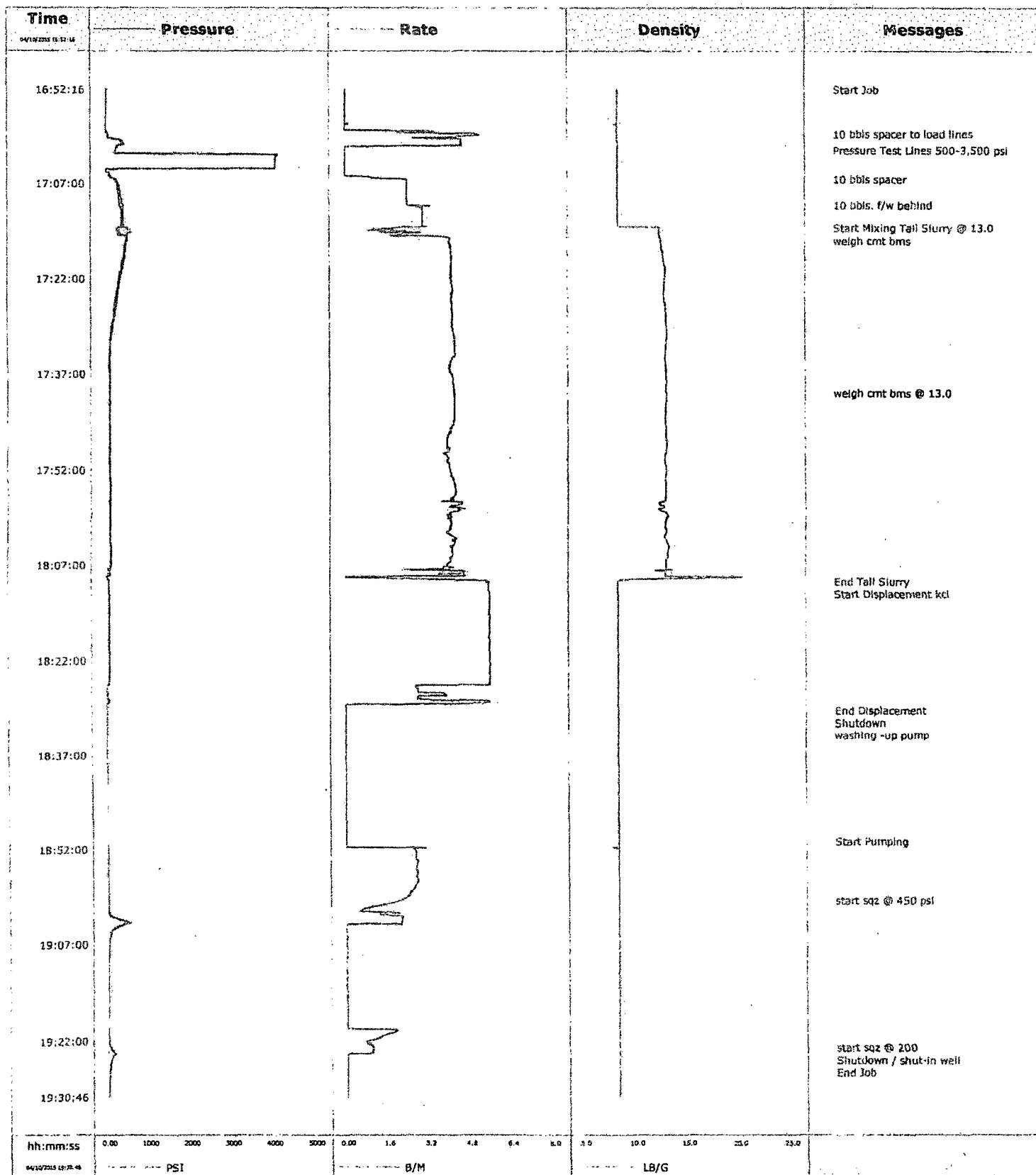
Max psi - 1,000 psi

- 1 10 bbls CW-100 to load lines 5 bpm
- 2 pressure test lines @ 500-3,500 psi.
- 3 10 bbls CW-100 to load lines at 5 bpm
- 4 222 bbls Tail slurry @ 13.0 ppg at 5 bpm
- 5 99 bbls 2% kcl to displace
- 6 shut-down / if on vaccum we will overdisplace by 2
- 7 will monitor for 30 min.
- 8 will pump on it at idle to start a hesitation sqz..
- 9
- 10
- 11
- 12
- 13

M. J. R.

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Well	Thistle Unit 34H	Client	Devon Energy
Field		SIR No.	2124190
Engineer	Eddie P. Lopez	Job Type	Braiden Sqz Job
Country	United States	Job Date	04-10-2015





Cementing Service Report

Customer Devon Energy				Job Number 2124190			
Well Thistle Unit 34H 34H		Location (legal) w. Jal, NM		Schlumberger Location Hobbs		Job Start Apr/10/2015	
Field		Formation Name/Type		Deviation deg		Well MD 5155.0 ft	
County Lea		State/Province New Mexico		Bit Size in		Well TVD ft	
Well Master 0631402519		API/UWI		BHP psi		BHST degF	
Rig Name		Drilled For Oil & Gas		BHCT degF		Pore Press. Gradient lb/gal	
Offshore Zone		Service Via Land		Casing/Liner			
		Well Class New		Well Type Rigless			
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP			
Service Line Cementing		Job Type Braiden Sqz Job..					
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S			
Service Instructions Braiden Sqz Job...				Perforations/Open Hole			
				Top, ft		Bottom, ft	
				Shot, ft		No. of Shots	
				Total Interval ft		Diameter in	
				Treat Down Annulus		Displacement 99.0 bbl	
				Packer Type		Packer Depth ft	
				Tubing Vol. bbl		Casing Vol. bbl	
				Annular Vol. 145.0 bbl		Openhole Vol. bbl	
Casing/Tubing Secured ☒ 1 Hole Vol. Circulated prior to Cement ☐				Casing Tools			
Lift Pressure psi				Squeeze Job			
Pipe Rotated ☐ Pipe Reciprocated ☐				Shoe Type			
No. Centralizers				Shoe Depth ft			
Top Plugs				Tool Type			
Bottom Plugs				Tool Depth ft			
Cement Head Type				Stage Tool Type			
Job Scheduled For Apr/10/2015 08:00				Stage Tool Depth ft			
Arrived on Location Apr/10/2015 15:00				Tail Pipe Size in			
Leave Location Apr/10/2015 20:00				Tail Pipe Depth ft			
				Collar Type			
				Collar Depth ft			
				Sqr. Total Vol. 99.0 bbl			
Date	Time 24-hr clock	Tracing Pressure PSI	Flow Rate G/M	Density LB/G	Volume DBL	Message	
04/10/2015	16:52:16	21	0.0	8.35	0.0		
04/10/2015	16:52:18	21	0.0	8.35	0.0	Start Job	
04/10/2015	16:55:36	21	0.0	8.35	0.1		
04/10/2015	16:58:56	30	3.2	8.33	0.6		
04/10/2015	16:59:14	66	3.7	8.38	1.4	10 bbls spacer to load lines	
04/10/2015	17:01:46	253	0.0	8.38	10.3	Pressure Test Lines 500-3,500 psi	
04/10/2015	17:02:16	231	0.0	8.38	10.3		
04/10/2015	17:05:36	96	0.0	8.38	10.3		
04/10/2015	17:06:15	188	1.6	8.37	10.6	10 bbls spacer	
04/10/2015	17:08:56	365	2.4	8.38	17.0		
04/10/2015	17:10:20	376	2.4	8.38	20.4	10 bbls. f/w behind	
04/10/2015	17:12:16	429	3.0	8.37	26.1		
04/10/2015	17:13:52	318	2.5	12.43	30.9	Start Mixing Tail Slurry @ 13.0	
04/10/2015	17:15:36	504	4.1	12.49	34.9		
04/10/2015	17:16:00	508	4.0	12.58	36.5	weigh amt bms	
04/10/2015	17:18:56	436	4.1	12.76	48.6		
04/10/2015	17:22:16	326	4.1	12.90	62.3		
04/10/2015	17:25:36	243	4.1	12.90	76.1		
04/10/2015	17:28:56	138	4.1	13.06	90.0		
04/10/2015	17:32:16	99	4.2	13.07	104.0		
04/10/2015	17:35:36	100	4.1	13.00	118.0		

Well	Thistle Unit 34H 34H		Field	Job Start	Customer	Job Number	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/10/2015	17:40:00	104	4.2	13.07	136.3	weigh ant bms @ 13.0	2124190
04/10/2015	17:42:16	110	4.3	13.03	145.9		
04/10/2015	17:45:36	96	4.0	13.03	159.9		
04/10/2015	17:48:56	104	4.0	13.05	173.2		
04/10/2015	17:52:16	106	4.1	13.09	186.5		
04/10/2015	17:55:36	93	4.3	12.97	200.5		
04/10/2015	17:58:56	99	4.1	13.06	214.7		
04/10/2015	18:02:16	94	4.1	12.91	228.2		
04/10/2015	18:05:36	128	4.2	13.16	242.1		
04/10/2015	18:08:56	-8	0.0	20.31	255.2		
04/10/2015	18:09:33	67	5.4	8.39	256.9	End Tail Slurry	
04/10/2015	18:09:35	66	5.5	8.39	257.0	Start Displacement kd	
04/10/2015	18:12:16	64	5.6	8.38	272.0		
04/10/2015	18:15:36	67	5.6	8.38	280.5		
04/10/2015	18:18:56	67	5.6	8.38	309.1		
04/10/2015	18:22:16	64	5.5	8.38	327.6		
04/10/2015	18:25:36	65	5.6	8.38	346.2		
04/10/2015	18:28:56	-10	0.5	8.38	358.1		
04/10/2015	18:29:49	-9	0.0	8.38	358.2	End Displacement	
04/10/2015	18:29:51	-9	0.0	8.38	358.2	Shutdown	
04/10/2015	18:30:00	-9	0.0	8.38	358.2	washing -up pump	
04/10/2015	18:48:56	-7	0.0	8.39	358.2		
04/10/2015	18:50:40	-7	0.0	8.39	358.2	Start Pumping	
04/10/2015	18:52:16	7	2.7	8.38	359.7		
04/10/2015	18:55:36	9	2.8	8.38	368.8		
04/10/2015	18:58:56	10	2.5	8.38	377.7		
04/10/2015	19:00:00	11	2.1	8.38	380.2	start sqz @ 450 psi	
04/10/2015	19:02:16	34	1.4	8.38	383.2		
04/10/2015	19:05:36	52	0.0	8.38	386.4		
04/10/2015	19:08:56	12	0.0	8.38	386.4		
04/10/2015	19:12:16	5	0.0	8.38	386.4		
04/10/2015	19:15:36	1	0.0	8.38	386.4		
04/10/2015	19:18:56	-1	0.0	8.38	386.4		
04/10/2015	19:22:16	21	0.8	8.38	389.4		
04/10/2015	19:23:00	44	1.0	8.38	390.0	start sqz @ 200	
04/10/2015	19:25:00	76	0.0	8.38	391.0	Shutdown / shut-in well	
04/10/2015	19:25:36	55	0.0	8.38	391.0		
04/10/2015	19:26:00	47	0.0	8.38	391.0	End Job	

Well	Thistle Unit 34H 34H	Field	Job Start	Apr/10/2015	Customer	Devon Energy	Job Number	2124190
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Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	M2	Mud		Total Slurry	Mud	Spacer	M2
2.5				222.0	0.0	391.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Breakdown	Type	Volume	Density	
1000	450	150			bbl	lb/gal	
Avg. M2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Washed Thru Port	Volume	
%	222.0 bbl	101.2 bbl	70 degF	☐	☐	bbl	
Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost		☐	☐	To	
Michael Palmer	Eddie P. Lopez					ft	
						Jobs Completed	☒