

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

RECEIVED
 State of New Mexico
 Energy, Minerals and Natural Resources
NOV 18 2019
 OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505
DISTRICT IV - ARTESIA OGD

Form C-103
 Revised July 18, 2013

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.)		WELL API NO. 30-015-45744
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator WPX ENERGY PERMIAN, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 3500 ONE WILLIAMS CENTER, MD: 35, TULSA, OK 74172		7. Lease Name or Unit Agreement Name SHEPHERD 3-2-23-27 FEE
4. Well Location Unit Letter <u>L</u> : <u>2361</u> feet from the <u>SOUTH</u> line and <u>1195</u> feet from the <u>WEST</u> line Section <u>3</u> Township <u>23S</u> Range <u>27E</u> NMPM County <u>EDDY</u>		8. Well Number <u>401H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,139 RKB		9. OGRID Number <u>246289</u>
		10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

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

<p style="text-align: center;">NOTICE OF INTENTION TO:</p> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>	<p style="text-align: center;">SUBSEQUENT REPORT OF:</p> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>
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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.

*Please accept this filing as a record clean-up, reporting that the 1st Intermediate for the above referenced well was completed as follows:
 *1e. (Spud 3/12/19, 17.50" hole @ 2,105)
 Set 9 5/8" casing & cemented: 03/23/2019
 Depth of hole: 2,105'
 Weight, Grade, & Length: 40#, J-55, 2,065'
 Centralizers Used: 15
 Setting Depth of Shoe: 2,090'
 Top of Cement: Surface
 Cemented Casing w/ 372 sx 11.5 ppg Lead & 150 sx 14.8 ppg Tail (522 TL sx)
 Casing tested to 1500 psi for 30 minutes.

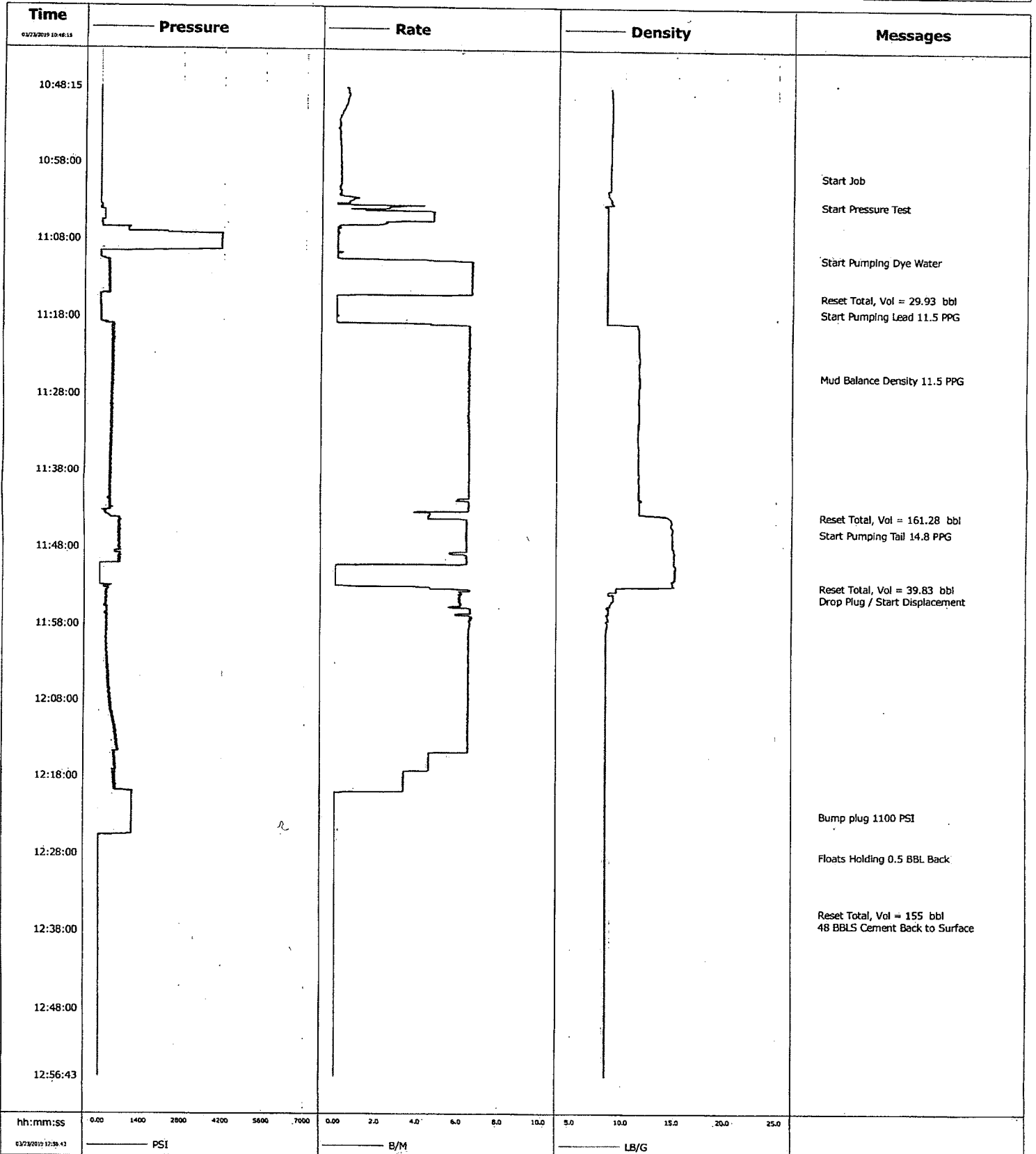
Spud Date: 03/12/2019 * Rig Release Date: 04/08/2019

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

SIGNATURE *Lorri Kline* TITLE REGULATORY TECH II DATE 03/26/2019
 Type or print name LORRI KLINE E-mail address: lorri.kline@wpxenergy.com PHONE: 539-573-3518
For State Use Only

APPROVED BY: *Lorri Kline* TITLE State Reg DATE 11/17/19
 Conditions of Approval (if any):

Well	SHEPHERD 3-2-23-27 FEE	Client	WPX ENERGY PRODUCTION LLC
Field		SIR No.	E660-00329
Engineer	Ali Rafique	Job Type	Intermediate
Country	USA	Job Date	March 23, 2019





Cementing Service Report

				Customer WPX ENERGY PRODUCTION LLC			Job Number E660-00329								
Well SHEPHERD 3-2-23-27 FEE 401H			Location (legal)			Schlumberger Location			Job Start Mar/23/2019						
Field		Formation Name/Type			Deviation 0 deg		Bit Size 12.3 in		Well MD 2115.0 ft		Well TVD 2115.0 ft				
County Eddy		State/Province NM			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal				
Well Master 0631806771		API/UWI 30015457440000													
Rig Name H&P 265		Drilled For Oil & Gas		Service Via Land		Casing/Liner									
Offshore Zone N/A		Well Class New		Well Type Development		Depth, ft 2115.0		Size, in 9.6		Weight, lb/ft 40.0		Grade J-55	Thread Butt		
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe									
Service Line Cementing		Job Type Intermediate				T/D		Depth, ft		Size, in		Weight, lb/ft		Grade	Thread
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole									
Service Instructions						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft	
						ft		ft						Diameter in	
						ft		ft							
						Treat Down Casing		Displacement 155.0 bbl		Packer Type		Packer Depth ft			
						Tubing Vol. bbl		Casing Vol. 158.0 bbl		Annular Vol. 121.0 bbl		Openhole Vol. bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools				Squeeze Job					
Lift Pressure 600 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type Float		Shoe Depth 2046.0 ft		Squeeze Type		Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Stage Tool Depth ft		Tool Depth		ft			
Cement Head Type Single						Collar Type Float		Collar Depth 2046.0 ft		Tail Pipe Size in		Tail Pipe Depth ft			
Job Scheduled For Mar/23/2019 04:30		Arrived on Location Mar/23/2019 04:00		Leave Location Mar/23/2019 13:30						Sqz. Total Vol. bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message										
03/23/2019	10:48:15	6	0.5	8.70	Started Acquisition										
03/23/2019	10:52:25	5	0.1	8.78											
03/23/2019	10:56:35	4	0.2	8.70											
03/23/2019	10:59:39	3	0.2	8.67	Start Job										
03/23/2019	11:00:45	4	0.2	8.66											
03/23/2019	11:03:19	-1	0.0	8.73	Start Pressure Test										
03/23/2019	11:04:55	159	4.7	8.39											
03/23/2019	11:09:05	4118	0.1	8.39											
03/23/2019	11:10:21	22	0.1	8.39	Start Pumping Dye Water										
03/23/2019	11:13:15	311	6.6	8.39											
03/23/2019	11:15:15	27	0.1	8.39	Reset Total, Vol = 29.93 bbl										
03/23/2019	11:17:20	37	0.0	8.39	Start Pumping Lead 11.5 PPG										
03/23/2019	11:21:35	432	6.5	11.54											
03/23/2019	11:25:37	431	6.5	11.60	Mud Balance Density 11.5 PPG										
03/23/2019	11:25:45	414	6.5	11.60											
03/23/2019	11:29:55	387	6.5	11.59											
03/23/2019	11:34:05	380	6.5	11.47											
03/23/2019	11:38:15	387	6.5	11.55											
03/23/2019	11:42:25	360	6.5	11.63											
03/23/2019	11:43:51	245	4.6	14.29	Reset Total, Vol = 161.28 bbl										
03/23/2019	11:45:58	657	6.4	14.85	Start Pumping Tail 14.8 PPG										

Well		Field	Job Start	Customer	Job Number
SHEPHERD 3-2-23-27 FEE 401H			Mar/23/2019	WPX ENERGY PRODUCTION LLC	E660-00329
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message
03/23/2019	11:50:45	9	0.0	15.14	
03/23/2019	11:52:57	9	0.0	15.00	Reset Total, Vol = 39.83 bbl
03/23/2019	11:53:30	289	6.6	9.40	Drop Plug / Start Displacement
03/23/2019	11:54:55	207	6.1	8.96	
03/23/2019	11:59:05	243	6.5	8.39	
03/23/2019	12:03:15	300	6.5	8.40	
03/23/2019	12:07:25	364	6.5	8.40	
03/23/2019	12:11:35	544	6.5	8.40	
03/23/2019	12:15:45	542	4.6	8.39	
03/23/2019	12:19:55	865	3.3	8.39	
03/23/2019	12:22:59	1142	0.0	8.40	Bump plug 1100 PSI
03/23/2019	12:24:05	1139	0.0	8.40	
03/23/2019	12:28:15	1	0.0	8.39	
03/23/2019	12:28:19	0	0.0	8.40	Floats Holding 0.5 BBL Back
03/23/2019	12:32:25	-1	0.0	8.40	
03/23/2019	12:35:39	1	0.0	8.40	Reset Total, Vol = 155 bbl
03/23/2019	12:36:35	-1	0.0	8.40	
03/23/2019	12:36:41	-1	0.0	8.39	48 BBLs Cement Back to Surface
03/23/2019	12:40:45	1	0.0	8.39	
03/23/2019	12:44:55	0	0.0	8.39	
03/23/2019	12:49:05	0	0.0	8.39	

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Fluid	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.0			6.0	200.0		30.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
4000	1100		1100		FreshWater	155.0 bbl	8.34 lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	48.0 bbl
%	201.0 bbl	155.0 bbl	65 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
	Ali Raffique						