

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 July 18, 2013

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

WELL API NO. 30-015-45744
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SHEPHERD 3 2 23 27 FEE
8. Well Number 401H
9. OGRID Number 246289
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

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
WPX ENERGY PERMIAN, LLC

3. Address of Operator
3500 ONE WILLIAMS CENTER, MD: 35, TULSA, OK 74172

4. Well Location
Unit Letter L : 2361 feet from the SOUTH line and 1195 feet from the WEST line
Section 3 Township 23S Range 27E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,139 RKB

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: LINER CSG/CMT JOB AND RIG RELEASE ☒

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 be advised that rig was released from the above mentioned well on 04/08/2019 and the Liner casing/cement job was performed as follows:

Set 4 1/2" Liner and Cemented on 04/08/2019
Depth of Drilled Hole: 19,249' MD
Weight, Grade & Length of Casing: 13.5#, P-110HC & 10,815'
Centralizers Used: 96
Setting Depth of Shoe: 19,249' MD
Top of Liner: 8,433' MD
Bottom of Liner: 19,249' MD
Top of Cement: 8,433' MD
Cemented w/ 1,123 sx of 14.5 ppg Tail (30 bbls mudpush and 58 bbls (276 sx) of cement to surface. Test casing to 2500 psi for 30 mins.

RECEIVED

APR 12 2019

DISTRICT II-ARTESIA O.C.D.

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.

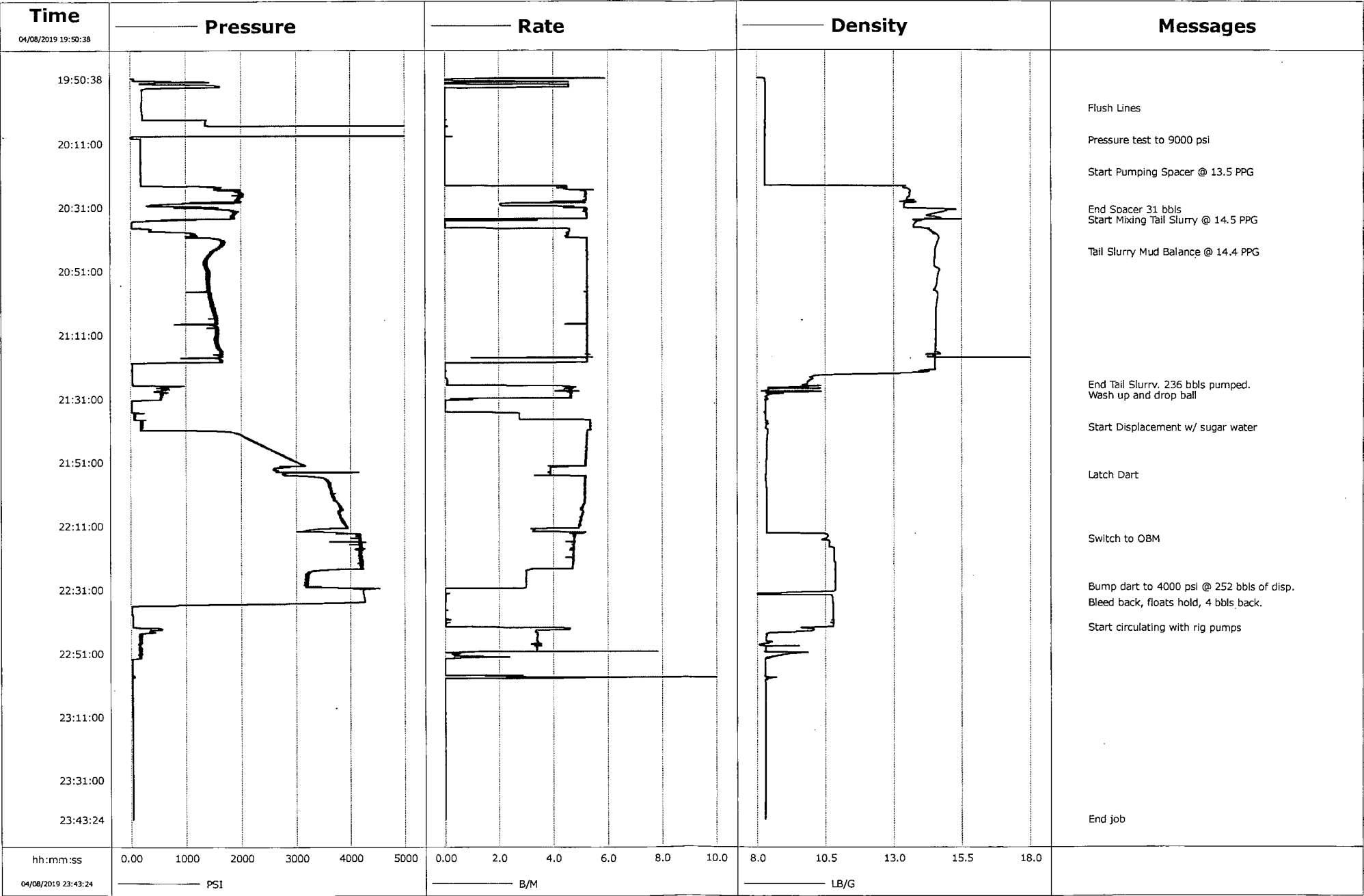
SIGNATURE Lorri Kline Digitally signed by Lorri Kline
DN: cn=Lorri Kline, o=ou,
email=LORRI.KLINE@WPXENERGY.COM,
c=US,
Date: 2019.04.09 10:21:50 -0500 TITLE REGULATORY TECH II DATE 04/09/2019

Type or print name LORRI KLINE E-mail address: lorri.kline@wpxenergy.com PHONE: 539-573-3518

For State Use Only

APPROVED BY: [Signature] TITLE STAFF Mgr DATE 4/15/19
Conditions of Approval (if any):

Well	Shepherd Fee	Client	WPX Energy
Field		SIR No.	E8CR-00145
Engineer	Erik Stousland	Job Type	Prod-Liner
Country	United States	Job Date	04-08-2019





Cementing Service Report

Customer WPX Energy				Job Number E8CR-00145							
Well Shepherd Fee 401H		Location (legal) Texas		Schlumberger Location Justin Royce		Job Start Apr/08/2019					
Field		Formation Name/Type		Deviation 4 deg		Bit Size 6.1 in		Well MD 19170.0 ft		Well TVD 9307.0 ft	
County Eddy		State/Province New Mexico		BHP psi		BHST 165 degF		BHCT 165 degF		Pore Press. Gradient lb/gal	
Well Master 0631806771		API/UWI 3001545744									
Rig Name H&P 265		Drilled For Oil & Gas		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft	
						8423.0		7.0		29.0	
						19245.0		4.5		13.5	
Offshore Zone N/A		Well Class New Well		Well Type Development							
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
						D		8423.0		4.0	
								0.0		0.0	
Service Line Cementing		Job Type Prod-Liner				Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
						ft		ft			
						ft		ft			
						ft		ft			
						Treat Down Casing		Displacement 253.0 bbl		Packer Type None	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 252.0 bbl		Annular Vol. bbl	
										Openhole Vol. bbl	
Casing/Tubing Secured ☒		1 Hole Vol. Circulated prior to Cement ☒				Casing Tools				Squeeze Job	
Lift Pressure 16600 psi						Shoe Type Guide		Squeeze Type			
Pipe Rotated ☐		Pipe Reciprocated ☐				Shoe Depth 19245.0 ft		Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs 0		Stage Tool Type None		Tool Depth ft			
Cement Head Type Single						Stage Tool Depth 0.0 ft		Tail Pipe Size in			
Job Scheduled For Apr/08/2019		Arrived on Location Apr/08/2019		Leave Location Apr/08/2019		Collar Type Landing		Tail Pipe Depth ft			
						Collar Depth 19158.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPF1 TTL VOLUME BBL	Message					
04/08/2019	19:50:38	10	1.2	8.24	0.0	Started Acquisition					
04/08/2019	19:51:08	64	0.0	8.31	0.9						
04/08/2019	19:51:38	581	2.2	8.32	1.1						
04/08/2019	19:52:08	375	0.0	8.32	2.3						
04/08/2019	19:52:38	910	3.5	8.32	2.6						
04/08/2019	19:53:08	1559	4.6	8.32	4.8						
04/08/2019	19:53:38	721	1.0	8.32	7.1						
04/08/2019	19:54:08	224	0.0	8.32	7.1						
04/08/2019	19:54:38	216	0.0	8.32	7.1						
04/08/2019	19:55:08	216	0.0	8.32	7.1						
04/08/2019	19:55:38	215	0.0	8.32	7.1						
04/08/2019	19:56:08	215	0.0	8.32	7.1						
04/08/2019	19:56:38	215	0.0	8.32	7.1						
04/08/2019	19:57:08	214	0.0	8.32	7.1						
04/08/2019	19:57:38	214	0.0	8.32	7.1						
04/08/2019	19:58:08	213	0.0	8.32	7.1						
04/08/2019	19:58:38	212	0.0	8.32	7.1						
04/08/2019	19:59:08	212	0.0	8.32	7.1						
04/08/2019	19:59:38	210	0.0	8.32	7.1						
04/08/2019	20:00:00	210	0.0	8.32	7.1	Flush Lines					
04/08/2019	20:00:08	210	0.0	8.32	7.1						

Well		Field		Job Start		Customer	Job Number
Shepherd Fee 401H				Apr/08/2019		WPX Energy	E8CR-00145
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPE1 - TT1 VOLUME BBL	Message	
04/08/2019	20:01:08	215	0.0	8.32	7.1		
04/08/2019	20:01:38	219	0.0	8.32	7.1		
04/08/2019	20:02:08	222	0.0	8.32	7.1		
04/08/2019	20:02:38	225	0.0	8.32	7.1		
04/08/2019	20:03:08	227	0.0	8.32	7.1		
04/08/2019	20:03:38	229	0.0	8.32	7.1		
04/08/2019	20:04:08	1360	0.0	8.31	7.1		
04/08/2019	20:04:38	1356	0.0	8.31	7.1		
04/08/2019	20:05:08	1356	0.0	8.32	7.1		
04/08/2019	20:05:38	1406	0.0	8.32	7.1		
04/08/2019	20:06:08	9303	0.0	8.31	7.2		
04/08/2019	20:06:38	9259	0.0	8.31	7.2		
04/08/2019	20:07:08	9234	0.0	8.31	7.2		
04/08/2019	20:07:38	9216	0.0	8.31	7.2		
04/08/2019	20:08:08	9200	0.0	8.31	7.2		
04/08/2019	20:08:38	9187	0.0	8.31	7.2		
04/08/2019	20:09:08	18	0.0	8.31	7.2		
04/08/2019	20:09:38	187	0.0	8.31	7.2		
04/08/2019	20:10:00	192	0.0	8.31	7.2	Pressure test to 9000 psi	
04/08/2019	20:10:08	189	0.0	8.31	7.2		
04/08/2019	20:10:38	191	0.0	8.31	7.2		
04/08/2019	20:11:08	189	0.0	8.31	7.2		
04/08/2019	20:11:38	189	0.0	8.31	7.2		
04/08/2019	20:12:08	193	0.0	8.31	7.2		
04/08/2019	20:12:38	190	0.0	8.31	7.2		
04/08/2019	20:13:08	190	0.0	8.31	7.2		
04/08/2019	20:13:38	191	0.0	8.31	7.2		
04/08/2019	20:14:08	191	0.0	8.31	7.2		
04/08/2019	20:14:38	191	0.0	8.31	7.2		
04/08/2019	20:15:08	192	0.0	8.31	7.2		
04/08/2019	20:15:38	192	0.0	8.31	7.2		
04/08/2019	20:16:08	194	0.0	8.31	7.2		
04/08/2019	20:16:38	194	0.0	8.31	7.2		
04/08/2019	20:17:08	193	0.0	8.31	7.2		
04/08/2019	20:17:38	197	0.0	8.31	7.2		
04/08/2019	20:18:08	193	0.0	8.31	7.2		
04/08/2019	20:18:38	193	0.0	8.31	7.2		
04/08/2019	20:19:08	192	0.0	8.31	7.2		
04/08/2019	20:19:38	193	0.0	8.31	7.2		
04/08/2019	20:20:00	194	0.0	8.31	7.2	Start Pumping Spacer @ 13.5 PPG	
04/08/2019	20:20:08	195	0.0	8.31	7.2		
04/08/2019	20:20:38	194	0.0	8.31	7.2		
04/08/2019	20:21:08	194	0.0	8.31	7.2		
04/08/2019	20:21:38	196	0.0	8.31	7.2		
04/08/2019	20:22:08	195	0.0	8.31	7.2		
04/08/2019	20:22:38	195	0.0	8.31	7.2		
04/08/2019	20:23:08	195	0.0	8.31	7.2		
04/08/2019	20:23:38	195	0.0	8.31	7.2		
04/08/2019	20:24:08	196	0.0	8.31	7.2		
04/08/2019	20:24:38	1422	4.5	13.42	7.9		
04/08/2019	20:25:08	1620	4.4	13.34	10.1		
04/08/2019	20:25:38	1594	4.5	13.57	12.3		
04/08/2019	20:26:08	1925	5.2	13.62	14.8		
04/08/2019	20:26:38	1995	5.2	13.58	17.4		

Well			Field		Job Start		Customer		Job Number	
Shepherd Fee 401H					Apr/08/2019		WPX Energy		E8CR-00145	
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPF1_TTL VOLUME BBL	Message				
04/08/2019	20:27:38	1947	5.2	13.57	22.6					
04/08/2019	20:28:08	1928	5.2	13.52	25.2					
04/08/2019	20:28:38	1920	5.2	13.49	27.8					
04/08/2019	20:29:08	1940	5.2	13.69	30.4					
04/08/2019	20:29:38	1808	5.0	13.81	32.8					
04/08/2019	20:30:08	645	2.1	13.39	34.6					
04/08/2019	20:30:38	301	2.1	13.38	35.7					
04/08/2019	20:31:08	1415	4.4	13.38	37.5					
04/08/2019	20:31:38	1531	5.2	14.18	39.9					
04/08/2019	20:31:40	1572	5.2	14.27	40.1	End Spacer 31 bbls				
04/08/2019	20:32:08	1851	5.2	14.94	42.5					
04/08/2019	20:32:38	1887	5.2	14.83	45.1					
04/08/2019	20:33:08	1889	5.2	14.55	47.7					
04/08/2019	20:33:38	1863	5.2	14.28	50.3					
04/08/2019	20:34:08	1849	5.2	14.37	52.9					
04/08/2019	20:34:38	1862	5.2	14.63	55.6					
04/08/2019	20:35:00	577	0.0	15.42	56.9	Start Mixing Tail Slurry @ 14.5 PPG				
04/08/2019	20:35:08	851	2.9	13.95	57.0					
04/08/2019	20:35:38	44	0.0	13.92	57.9					
04/08/2019	20:36:08	33	0.0	13.79	57.9					
04/08/2019	20:36:38	32	0.0	13.75	57.9					
04/08/2019	20:37:38	31	0.0	13.74	57.9					
04/08/2019	20:38:08	364	4.6	14.24	59.6					
04/08/2019	20:38:38	386	4.6	14.37	61.9					
04/08/2019	20:39:08	1077	4.5	14.44	64.2					
04/08/2019	20:39:38	1134	4.5	14.49	66.4					
04/08/2019	20:40:08	1146	4.4	14.62	68.7					
04/08/2019	20:40:38	1197	4.5	14.64	70.9					
04/08/2019	20:41:08	1637	5.2	14.64	73.5					
04/08/2019	20:41:38	1703	5.2	14.63	76.1					
04/08/2019	20:42:08	1675	5.2	14.60	78.7					
04/08/2019	20:42:38	1655	5.2	14.58	81.3					
04/08/2019	20:43:08	1643	5.2	14.56	83.9					
04/08/2019	20:43:38	1628	5.2	14.54	86.5					
04/08/2019	20:44:08	1581	5.2	14.52	89.2					
04/08/2019	20:44:38	1491	5.2	14.51	91.8					
04/08/2019	20:45:00	1500	5.2	14.50	93.7	Tail Slurry Mud Balance @ 14.4 PPG				
04/08/2019	20:45:08	1454	5.2	14.50	94.4					
04/08/2019	20:45:38	1447	5.2	14.50	97.0					
04/08/2019	20:46:08	1419	5.2	14.50	99.6					
04/08/2019	20:46:38	1421	5.2	14.50	102.3					
04/08/2019	20:47:08	1371	5.2	14.49	104.9					
04/08/2019	20:47:38	1355	5.2	14.49	107.5					
04/08/2019	20:48:08	1344	5.2	14.49	110.1					
04/08/2019	20:48:38	1344	5.2	14.49	112.7					
04/08/2019	20:49:08	1328	5.2	14.49	115.4					
04/08/2019	20:49:38	1350	5.2	14.49	118.0					
04/08/2019	20:50:08	1401	5.2	14.56	120.6					
04/08/2019	20:50:38	1402	5.2	14.66	123.2					
04/08/2019	20:51:08	1413	5.2	14.67	125.8					
04/08/2019	20:51:38	1411	5.2	14.64	128.5					
04/08/2019	20:52:08	1441	5.2	14.62	131.1					
04/08/2019	20:52:38	1407	5.2	14.61	133.7					
04/08/2019	20:53:08	1415	5.2	14.60	136.3					

Well			Field		Job Start		Customer		Job Number	
Shepherd Fee 401H					Apr/08/2019		WPX Energy		E8CR-00145	
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPF1_TTL VOLUME BBL	Message				
04/08/2019	20:54:08	1382	5.2	14.59	141.6					
04/08/2019	20:54:38	1382	5.2	14.58	144.2					
04/08/2019	20:55:08	1414	5.2	14.57	146.8					
04/08/2019	20:55:38	1420	5.2	14.56	149.4					
04/08/2019	20:56:08	1400	5.3	14.54	152.0					
04/08/2019	20:56:38	1425	5.2	14.52	154.7					
04/08/2019	20:57:08	1406	5.2	14.47	157.3					
04/08/2019	20:57:38	1020	5.2	14.56	159.9					
04/08/2019	20:58:08	1425	5.2	14.60	162.5					
04/08/2019	20:58:38	1413	5.3	14.62	165.1					
04/08/2019	20:59:08	1469	5.2	14.61	167.8					
04/08/2019	20:59:38	1450	5.2	14.60	170.4					
04/08/2019	21:00:08	1451	5.2	14.59	173.0					
04/08/2019	21:00:38	1486	5.2	14.58	175.6					
04/08/2019	21:01:08	1461	5.2	14.57	178.2					
04/08/2019	21:01:38	1512	5.2	14.56	180.8					
04/08/2019	21:02:08	1469	5.2	14.55	183.5					
04/08/2019	21:02:38	1481	5.2	14.55	186.1					
04/08/2019	21:03:08	1488	5.2	14.55	188.7					
04/08/2019	21:03:38	1483	5.2	14.54	191.3					
04/08/2019	21:04:08	1505	5.2	14.54	193.9					
04/08/2019	21:04:38	1555	5.3	14.54	196.6					
04/08/2019	21:05:08	1564	5.2	14.54	199.2					
04/08/2019	21:05:38	1526	5.2	14.54	201.8					
04/08/2019	21:06:08	1532	5.2	14.54	204.4					
04/08/2019	21:06:38	1548	5.2	14.54	207.0					
04/08/2019	21:07:08	1552	5.2	14.54	209.6					
04/08/2019	21:07:38	1576	5.2	14.54	212.3					
04/08/2019	21:08:08	1542	5.2	14.54	214.8					
04/08/2019	21:08:38	1533	5.2	14.53	217.4					
04/08/2019	21:09:08	1583	5.2	14.53	220.0					
04/08/2019	21:09:38	1584	5.2	14.53	222.6					
04/08/2019	21:10:08	1564	5.2	14.54	225.2					
04/08/2019	21:10:38	1561	5.2	14.54	227.9					
04/08/2019	21:11:08	1589	5.2	14.54	230.5					
04/08/2019	21:11:38	1586	5.2	14.53	233.1					
04/08/2019	21:12:08	1583	5.2	14.53	235.7					
04/08/2019	21:12:38	1584	5.2	14.53	238.3					
04/08/2019	21:13:08	1522	5.2	14.53	240.9					
04/08/2019	21:13:38	1564	5.2	14.53	243.6					
04/08/2019	21:14:08	1562	5.2	14.53	246.2					
04/08/2019	21:14:38	1560	5.2	14.53	248.8					
04/08/2019	21:15:08	1580	5.2	14.53	251.4					
04/08/2019	21:15:38	1639	5.2	14.53	254.0					
04/08/2019	21:16:08	1662	5.2	14.53	256.7					
04/08/2019	21:16:38	1622	5.2	14.58	259.3					
04/08/2019	21:17:08	1663	5.2	14.69	261.9					
04/08/2019	21:17:38	1636	5.2	14.52	264.5					
04/08/2019	21:18:08	1634	5.2	14.24	267.1					
04/08/2019	21:18:38	1631	5.2	14.51	269.5					
04/08/2019	21:19:08	1661	5.2	14.51	272.1					
04/08/2019	21:19:38	1620	5.2	14.51	274.8					
04/08/2019	21:20:08	37	0.0	14.50	276.2					
04/08/2019	21:20:38	39	0.0	14.51	276.2					

Well			Field		Job Start		Customer		Job Number	
Shepherd Fee 401H					Apr/08/2019		WPX Energy		E8CR-00145	
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPF1_TTL_VOLUME BBL	Message				
04/08/2019	21:21:38	39	0.0	14.51	276.2					
04/08/2019	21:22:08	38	0.0	14.52	276.2					
04/08/2019	21:22:38	37	0.0	14.28	276.2					
04/08/2019	21:23:08	38	0.0	13.69	276.2					
04/08/2019	21:23:38	39	0.0	11.29	276.2					
04/08/2019	21:24:08	39	0.0	10.12	276.2					
04/08/2019	21:24:38	39	0.0	9.97	276.2					
04/08/2019	21:25:08	39	0.1	10.01	276.2					
04/08/2019	21:25:38	40	0.1	9.93	276.3					
04/08/2019	21:26:08	40	0.1	9.85	276.3					
04/08/2019	21:26:38	49	0.1	9.84	276.3					
04/08/2019	21:26:44	45	0.1	9.81	276.4	End Tail Slurry, 236 bbls pumped.				
04/08/2019	21:27:08	856	3.7	10.29	276.7					
04/08/2019	21:27:38	639	4.7	9.26	278.9					
04/08/2019	21:28:08	687	4.5	9.28	281.2					
04/08/2019	21:28:38	581	4.7	8.42	283.5					
04/08/2019	21:29:08	675	4.6	9.54	285.9					
04/08/2019	21:29:38	545	4.6	8.96	288.2					
04/08/2019	21:30:00	574	4.7	8.44	289.9	Wash up and drop ball				
04/08/2019	21:30:08	550	4.7	8.39	290.5					
04/08/2019	21:30:38	553	4.6	8.31	292.8					
04/08/2019	21:31:08	557	0.7	8.38	295.1					
04/08/2019	21:31:38	30	0.2	8.31	295.3					
04/08/2019	21:32:08	29	0.0	8.33	295.3					
04/08/2019	21:32:38	31	0.0	8.33	295.4					
04/08/2019	21:33:08	31	0.0	8.33	295.4					
04/08/2019	21:33:38	32	0.0	8.33	295.4					
04/08/2019	21:34:08	32	0.0	8.33	295.4					
04/08/2019	21:34:38	32	0.0	8.32	295.4					
04/08/2019	21:35:08	32	0.0	8.32	295.4					
04/08/2019	21:35:38	78	2.3	8.32	295.8					
04/08/2019	21:36:08	89	2.8	8.32	297.1					
04/08/2019	21:36:38	76	2.8	8.33	298.5					
04/08/2019	21:37:08	75	2.8	8.33	299.9					
04/08/2019	21:37:38	72	2.8	8.33	301.3					
04/08/2019	21:38:08	192	5.3	8.33	303.5					
04/08/2019	21:38:38	193	5.3	8.36	306.2					
04/08/2019	21:39:08	187	5.4	8.41	308.9					
04/08/2019	21:39:38	200	5.3	8.34	311.6					
04/08/2019	21:40:00	189	5.3	8.34	313.5	Start Displacement w/ sugar water				
04/08/2019	21:40:08	189	5.4	8.33	314.2					
04/08/2019	21:40:38	190	5.4	8.35	316.9					
04/08/2019	21:41:08	1202	5.3	8.39	319.6					
04/08/2019	21:41:38	1814	5.2	8.39	322.2					
04/08/2019	21:42:08	1950	5.2	8.39	324.8					
04/08/2019	21:42:38	2009	5.2	8.38	327.4					
04/08/2019	21:43:08	2075	5.2	8.37	330.0					
04/08/2019	21:43:38	2110	5.2	8.37	332.7					
04/08/2019	21:44:08	2170	5.2	8.37	335.3					
04/08/2019	21:44:38	2225	5.2	8.37	337.9					
04/08/2019	21:45:08	2285	5.2	8.37	340.5					
04/08/2019	21:45:38	2371	5.2	8.37	343.1					
04/08/2019	21:46:08	2401	5.2	8.36	345.7					
04/08/2019	21:46:38	2460	5.2	8.36	348.3					

Well			Field		Job Start	Customer	Job Number
Shepherd Fee 401H					Apr/08/2019	WPX Energy	E8CR-00145
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPF1_TTL_VOLUME BBL	Message	
04/08/2019	21:47:38	2595	5.2	8.36	353.5		
04/08/2019	21:48:08	2671	5.2	8.36	356.1		
04/08/2019	21:48:38	2731	5.2	8.36	358.7		
04/08/2019	21:49:08	2796	5.2	8.36	361.3		
04/08/2019	21:49:38	2847	5.2	8.36	363.9		
04/08/2019	21:50:08	2907	5.2	8.36	366.5		
04/08/2019	21:50:38	2944	5.2	8.34	369.1		
04/08/2019	21:51:08	3014	5.2	8.34	371.7		
04/08/2019	21:51:38	3072	5.2	8.34	374.3		
04/08/2019	21:52:08	3149	5.2	8.34	376.9		
04/08/2019	21:52:38	2886	4.5	8.34	379.2		
04/08/2019	21:53:08	2600	3.9	8.34	381.2		
04/08/2019	21:53:38	2595	3.9	8.34	383.2		
04/08/2019	21:54:08	2633	3.9	8.34	385.1		
04/08/2019	21:54:38	2806	3.9	8.34	387.0		
04/08/2019	21:55:00	2784	3.9	8.33	388.5	Latch Dart	
04/08/2019	21:55:08	2795	3.9	8.33	389.0		
04/08/2019	21:55:38	3297	5.2	8.33	391.2		
04/08/2019	21:56:08	3470	5.2	8.33	393.8		
04/08/2019	21:56:38	3552	5.2	8.33	396.4		
04/08/2019	21:57:08	3600	5.2	8.34	398.9		
04/08/2019	21:57:38	3613	5.2	8.34	401.5		
04/08/2019	21:58:08	3587	5.1	8.34	404.1		
04/08/2019	21:58:38	3596	5.1	8.34	406.7		
04/08/2019	21:59:08	3602	5.2	8.35	409.3		
04/08/2019	21:59:38	3624	5.2	8.35	411.8		
04/08/2019	22:00:08	3627	5.2	8.36	414.4		
04/08/2019	22:00:38	3656	5.1	8.36	417.0		
04/08/2019	22:01:08	3648	5.1	8.36	419.6		
04/08/2019	22:01:38	3644	5.1	8.36	422.1		
04/08/2019	22:02:08	3707	5.2	8.36	424.7		
04/08/2019	22:02:38	3682	5.1	8.36	427.3		
04/08/2019	22:03:08	3720	5.2	8.36	429.9		
04/08/2019	22:03:38	3734	5.1	8.36	432.4		
04/08/2019	22:04:08	3770	5.1	8.36	435.0		
04/08/2019	22:04:38	3793	5.1	8.36	437.6		
04/08/2019	22:05:08	3803	5.1	8.36	440.1		
04/08/2019	22:05:38	3832	5.0	8.36	442.6		
04/08/2019	22:06:08	3845	5.0	8.36	445.1		
04/08/2019	22:06:38	3777	5.1	8.36	447.7		
04/08/2019	22:07:08	3793	5.0	8.36	450.2		
04/08/2019	22:07:38	3811	5.0	8.36	452.8		
04/08/2019	22:08:08	3809	5.0	8.36	455.3		
04/08/2019	22:08:38	3804	5.0	8.36	457.8		
04/08/2019	22:09:08	3827	5.0	8.36	460.3		
04/08/2019	22:09:38	3870	5.0	8.36	462.8		
04/08/2019	22:10:08	3892	5.0	8.36	465.3		
04/08/2019	22:10:38	3916	5.0	8.36	467.8		
04/08/2019	22:11:08	3917	4.9	8.36	470.3		
04/08/2019	22:11:38	3943	4.9	8.36	472.7		
04/08/2019	22:12:08	3428	3.3	8.36	475.0		
04/08/2019	22:12:38	3157	3.3	8.35	476.6		
04/08/2019	22:13:08	3521	5.1	8.36	478.3		
04/08/2019	22:13:38	3736	4.7	10.37	480.9		

Well		Field		Job Start		Customer		Job Number
Shepherd Fee 401H				Apr/08/2019		WPX Energy		E8CR-00145
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPF1_TTL_VOLUME BBL	Message		
04/08/2019	22:14:38	4142	4.8	10.59	485.7			
04/08/2019	22:15:00	4128	4.8	10.55	487.4	Switch to OBM		
04/08/2019	22:15:08	4165	4.8	10.52	488.0			
04/08/2019	22:15:38	4148	4.8	10.43	490.4			
04/08/2019	22:16:08	4149	4.8	10.66	492.8			
04/08/2019	22:16:38	4168	4.8	10.66	495.2			
04/08/2019	22:17:08	4195	4.7	10.64	497.5			
04/08/2019	22:17:38	4163	4.7	10.65	499.9			
04/08/2019	22:18:08	4162	4.8	10.82	502.3			
04/08/2019	22:18:38	4148	4.7	10.83	504.6			
04/08/2019	22:19:08	4151	4.7	10.83	507.0			
04/08/2019	22:19:38	4183	4.7	10.84	509.4			
04/08/2019	22:20:08	4185	4.7	10.84	511.7			
04/08/2019	22:20:38	4196	4.7	10.84	514.1			
04/08/2019	22:21:08	4151	4.7	10.84	516.5			
04/08/2019	22:21:38	4215	4.7	10.84	518.8			
04/08/2019	22:22:08	4169	4.7	10.84	521.2			
04/08/2019	22:22:38	4174	4.7	10.86	523.5			
04/08/2019	22:23:08	4211	4.7	10.87	525.9			
04/08/2019	22:23:38	4188	4.7	10.87	528.3			
04/08/2019	22:24:08	4211	4.7	10.87	530.6			
04/08/2019	22:24:38	4214	4.7	10.87	533.0			
04/08/2019	22:25:08	3389	3.0	10.86	534.7			
04/08/2019	22:25:38	3258	3.0	10.86	536.2			
04/08/2019	22:26:08	3199	3.0	10.86	537.7			
04/08/2019	22:26:38	3197	3.0	10.86	539.2			
04/08/2019	22:27:08	3182	3.0	10.86	540.7			
04/08/2019	22:27:38	3189	3.0	10.86	542.2			
04/08/2019	22:28:08	3196	3.0	10.86	543.7			
04/08/2019	22:28:38	3183	3.0	10.86	545.2			
04/08/2019	22:29:08	3173	3.0	10.86	546.7			
04/08/2019	22:29:38	3193	3.0	10.86	548.2			
04/08/2019	22:30:00	3164	3.0	10.86	549.3	Bump dart to 4000 psi @ 252 bbls of disp.		
04/08/2019	22:30:08	3202	3.0	10.86	549.7			
04/08/2019	22:30:38	3942	3.0	10.86	551.2			
04/08/2019	22:31:08	4226	0.0	10.86	551.9			
04/08/2019	22:31:38	4226	0.0	10.84	551.9			
04/08/2019	22:32:08	4229	0.0	9.22	551.9			
04/08/2019	22:32:38	4235	0.0	0.78	551.9			
04/08/2019	22:33:08	4241	0.0	10.76	551.9			
04/08/2019	22:33:38	4247	0.0	10.77	551.9			
04/08/2019	22:34:08	4255	0.0	10.78	551.9			
04/08/2019	22:34:38	4262	0.0	10.78	551.9			
04/08/2019	22:35:00	4269	0.0	10.79	551.9	Bleed back, floats hold, 4 bbls back.		
04/08/2019	22:35:08	4270	0.0	10.78	551.9			
04/08/2019	22:35:38	2779	0.0	10.79	551.9			
04/08/2019	22:36:08	461	0.0	10.79	551.9			
04/08/2019	22:36:38	30	0.0	10.79	552.0			
04/08/2019	22:37:08	31	0.0	10.79	552.0			
04/08/2019	22:37:38	32	0.0	10.79	552.0			
04/08/2019	22:38:08	34	0.0	10.79	552.0			
04/08/2019	22:38:38	35	0.0	10.79	552.0			
04/08/2019	22:39:08	37	0.0	10.79	552.0			
04/08/2019	22:39:38	45	0.0	10.79	552.0			

Well			Field		Job Start	Customer	Job Number
Shepherd Fee 401H					Apr/08/2019	WPX Energy	EBCR-00145
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPF1 TTL VOLUME BBL	Message	
04/08/2019	22:40:38	43	0.1	10.79	552.0		
04/08/2019	22:41:08	44	0.0	10.82	552.0		
04/08/2019	22:41:38	43	0.0	10.81	552.1		
04/08/2019	22:42:08	43	0.0	10.79	552.1		
04/08/2019	22:42:38	43	0.0	10.79	552.1		
04/08/2019	22:42:50	45	0.0	10.79	552.1	Start circulating with rig pumps	
04/08/2019	22:43:08	167	2.0	10.11	552.4		
04/08/2019	22:43:38	553	4.6	10.07	554.3		
04/08/2019	22:44:08	381	3.4	10.03	556.4		
04/08/2019	22:44:38	437	3.4	9.15	558.1		
04/08/2019	22:45:08	180	3.4	8.36	559.8		
04/08/2019	22:45:38	175	3.4	8.38	561.5		
04/08/2019	22:46:08	195	3.4	8.34	563.2		
04/08/2019	22:46:38	206	3.4	8.33	564.9		
04/08/2019	22:47:08	175	3.4	8.34	566.6		
04/08/2019	22:47:38	172	3.4	8.54	568.3		
04/08/2019	22:48:08	190	3.4	8.36	570.0		
04/08/2019	22:48:38	174	3.5	8.15	571.7		
04/08/2019	22:49:08	173	3.4	8.39	573.4		
04/08/2019	22:49:38	155	3.4	8.33	575.1		
04/08/2019	22:50:08	186	3.4	8.33	576.8		
04/08/2019	22:50:38	183	3.4	8.32	578.5		
04/08/2019	22:51:08	172	0.4	9.58	579.4		
04/08/2019	22:51:38	158	0.4	9.04	579.6		
04/08/2019	22:52:08	167	0.5	8.69	579.8		
04/08/2019	22:52:38	201	0.6	8.41	580.4		
04/08/2019	22:53:08	34	0.0	8.31	580.6		
04/08/2019	22:53:38	32	0.0	8.31	580.6		
04/08/2019	22:54:08	32	0.0	8.31	580.6		
04/08/2019	22:54:38	31	0.0	8.31	580.6		
04/08/2019	22:55:08	33	0.0	8.30	580.6		
04/08/2019	22:55:38	33	0.0	8.31	580.6		
04/08/2019	22:56:08	34	0.0	8.31	580.6		
04/08/2019	22:56:38	35	0.0	8.31	580.6		
04/08/2019	22:57:08	34	0.0	8.31	580.6		
04/08/2019	22:57:38	28	0.0	8.31	580.6		
04/08/2019	22:58:08	31	0.0	8.31	580.6		
04/08/2019	22:58:38	73	2.6	8.32	581.6		
04/08/2019	22:59:08	31	3.8	8.48	584.1		
04/08/2019	22:59:38	34	0.0	8.35	584.3		
04/08/2019	23:00:08	33	0.0	8.31	584.3		
04/08/2019	23:00:38	34	0.0	8.32	584.3		
04/08/2019	23:01:08	35	0.0	8.32	584.3		
04/08/2019	23:01:38	35	0.0	8.32	584.3		
04/08/2019	23:02:08	35	0.0	8.32	584.3		
04/08/2019	23:02:38	36	0.0	8.32	584.3		
04/08/2019	23:03:08	36	0.0	8.32	584.3		
04/08/2019	23:03:38	36	0.0	8.33	584.3		
04/08/2019	23:04:08	36	0.0	8.33	584.3		
04/08/2019	23:04:38	36	0.0	8.33	584.3		
04/08/2019	23:05:08	36	0.0	8.33	584.3		
04/08/2019	23:05:38	35	0.0	8.33	584.3		
04/08/2019	23:06:08	36	0.0	8.33	584.3		
04/08/2019	23:06:38	36	0.0	8.33	584.3		

Well			Field	Job Start		Customer	Job Number
Shepherd Fee 401H				Apr/08/2019		WPX Energy	E8GR-00145
Date	Time 24-hr clock	Pressure PSI		Rate B/M	Density LB/G	CPF1: TTL VOLUME BBL	Message
04/08/2019	23:07:38	36		0.0	8.33	584.3	
04/08/2019	23:08:08	37		0.0	8.33	584.3	
04/08/2019	23:08:38	36		0.0	8.33	584.3	
04/08/2019	23:09:08	36		0.0	8.33	584.3	
04/08/2019	23:09:38	37		0.0	8.33	584.3	
04/08/2019	23:10:08	37		0.0	8.33	584.3	
04/08/2019	23:10:38	37		0.0	8.33	584.3	
04/08/2019	23:11:08	37		0.0	8.33	584.3	
04/08/2019	23:11:38	38		0.0	8.33	584.3	
04/08/2019	23:12:08	37		0.0	8.32	584.3	
04/08/2019	23:12:38	37		0.0	8.32	584.3	
04/08/2019	23:13:08	37		0.0	8.32	584.3	
04/08/2019	23:13:38	39		0.0	8.32	584.3	
04/08/2019	23:14:08	38		0.0	8.32	584.3	
04/08/2019	23:14:38	38		0.0	8.32	584.3	
04/08/2019	23:15:08	38		0.0	8.32	584.3	
04/08/2019	23:15:38	38		0.0	8.32	584.3	
04/08/2019	23:16:08	38		0.0	8.32	584.3	
04/08/2019	23:16:38	39		0.0	8.32	584.3	
04/08/2019	23:17:08	38		0.0	8.32	584.3	
04/08/2019	23:17:38	38		0.0	8.32	584.3	
04/08/2019	23:18:08	38		0.0	8.32	584.3	
04/08/2019	23:18:38	38		0.0	8.32	584.3	
04/08/2019	23:19:08	38		0.0	8.32	584.3	
04/08/2019	23:19:38	38		0.0	8.32	584.3	
04/08/2019	23:20:08	39		0.0	8.32	584.3	
04/08/2019	23:20:38	39		0.0	8.32	584.3	
04/08/2019	23:21:08	38		0.0	8.32	584.3	
04/08/2019	23:21:38	39		0.0	8.32	584.3	
04/08/2019	23:22:08	39		0.0	8.32	584.3	
04/08/2019	23:22:38	39		0.0	8.32	584.3	
04/08/2019	23:23:08	39		0.0	8.32	584.3	
04/08/2019	23:23:38	39		0.0	8.32	584.3	
04/08/2019	23:24:08	39		0.0	8.32	584.3	
04/08/2019	23:24:38	40		0.0	8.32	584.3	
04/08/2019	23:25:08	39		0.0	8.32	584.3	
04/08/2019	23:25:38	39		0.0	8.32	584.3	
04/08/2019	23:26:08	39		0.0	8.32	584.3	
04/08/2019	23:26:38	39		0.0	8.32	584.3	
04/08/2019	23:27:08	39		0.0	8.32	584.3	
04/08/2019	23:27:38	40		0.0	8.32	584.3	
04/08/2019	23:28:08	40		0.0	8.32	584.3	
04/08/2019	23:28:38	40		0.0	8.32	584.3	
04/08/2019	23:29:08	39		0.0	8.32	584.3	
04/08/2019	23:29:38	39		0.0	8.32	584.3	
04/08/2019	23:30:08	39		0.0	8.32	584.3	
04/08/2019	23:30:38	39		0.0	8.32	584.3	
04/08/2019	23:31:08	39		0.0	8.32	584.3	
04/08/2019	23:31:38	40		0.0	8.32	584.3	
04/08/2019	23:32:08	40		0.0	8.32	584.3	
04/08/2019	23:32:38	40		0.0	8.32	584.3	
04/08/2019	23:33:08	40		0.0	8.32	584.3	
04/08/2019	23:33:38	41		0.0	8.32	584.3	
04/08/2019	23:34:08	40		0.0	8.32	584.3	

Well			Field		Job Start		Customer		Job Number	
Shepherd Fee 401H					Apr/08/2019		WPX Energy		E8GR-00145	
Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	CPF1 - TTL VOLUME BBL	Message				
04/08/2019	23:35:08	40	0.0	8.32	584.3					
04/08/2019	23:35:38	40	0.0	8.31	584.3					
04/08/2019	23:36:08	39	0.0	8.32	584.3					
04/08/2019	23:36:38	40	0.0	8.31	584.3					
04/08/2019	23:37:08	40	0.0	8.31	584.3					
04/08/2019	23:37:38	40	0.0	8.31	584.3					
04/08/2019	23:38:08	40	0.0	8.31	584.3					
04/08/2019	23:38:38	41	0.0	8.31	584.3					
04/08/2019	23:39:08	40	0.0	8.31	584.3					
04/08/2019	23:39:38	41	0.0	8.31	584.3					
04/08/2019	23:40:08	40	0.0	8.31	584.3					
04/08/2019	23:40:38	41	0.0	8.31	584.3					
04/08/2019	23:41:08	41	0.0	8.31	584.3					
04/08/2019	23:41:38	40	0.0	8.31	584.3					
04/08/2019	23:42:08	40	0.0	8.31	584.3					
04/08/2019	23:42:38	40	0.0	8.31	584.3					
04/08/2019	23:43:08	41	0.0	8.31	584.3					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry 236.0	Mud 72.0	Spacer 31.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final 0	Average	Bump Plug to 4000	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 242.0 bbl		Displacement 252.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? ☒	Volume 58.0 bbl		
Customer or Authorized Representative WPX					Washed Thru Perfs ☐		To ft	
					Circulation Lost ☐		Job Completed ☒	
Schlumberger Supervisor Erik Stousland								