

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

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

WELL API NO. 30-025-39662
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name NORTH VACUUM ABO NORTH UNIT
8. Well Number 012
9. OGRID Number 252496
10. Pool name or Wildcat VACUUM; ABO, NORTH

RECEIVED

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
SHERIDAN PRODUCTION COMPANY, LLC

3. Address of Operator
9 GREENWAY PLAZA, SUITE 1300, HOUSTON, TX 77046

4. Well Location

Unit Letter F : 2490 feet from the N line and 1481 feet from the W line

Section 1 Township 17S Range 34E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4042' KB

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 ☐ OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ P AND A ☐
CASING/CEMENT JOB ☒ OTHER: ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

07/09/10: 11-3/4" csg set @ 1790' - 42ppf - grade H-40
Lead cement: 710 sx @ 13.5#/gal.; 223 BBL Slurry - C+3%Salt
Tail cement: 254 sx @ 14.8#/gal.; 60 BBL Slurry - C + 1%CaCl
Squeeze top: 200 sx @ 14.8#/gal.; 14BBL Slurry - C + 2%CaCl on side
TOC: surface
07/14/10: 8-5/8" csg set @ 4600' - 32ppf - grade: K-55
Lead cement: 610 sx @ 11.9#/gal.; 257 BBL Slurry - 50:50 POZ: C
Tail cement: 250 sx @ 14.8#/gal.; 59 BBL Slurry - C NEAT
TOC: surface
07/23/10: 5-1/2" csg set @ 8995' - 17ppf - grade: N-80
Lead cement: 375 sx @ 11.8#/gal.; 153 BBL Slurry - 50/50/10H
Tail cement: 150 sx @ 13.4#/gal.; 41 BBL Slurry - 61-15-11H + 3%Salt
TOC: 3500' CALCULATED

Spud Date: 07/07/10

Rig Release Date: 07/24/10

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

SIGNATURE Joyce A. Williams TITLE OPERATIONS TECH DATE 08/31/10

Type or print name JOYCE A. WILLIAMS E-mail address: jwilliams@sheridanproduction.com PHONE: 713-548-1070

For State Use Only

APPROVED BY: [Signature]

Conditions of Approval (if any):

TITLE PERMITTING ENGINEER

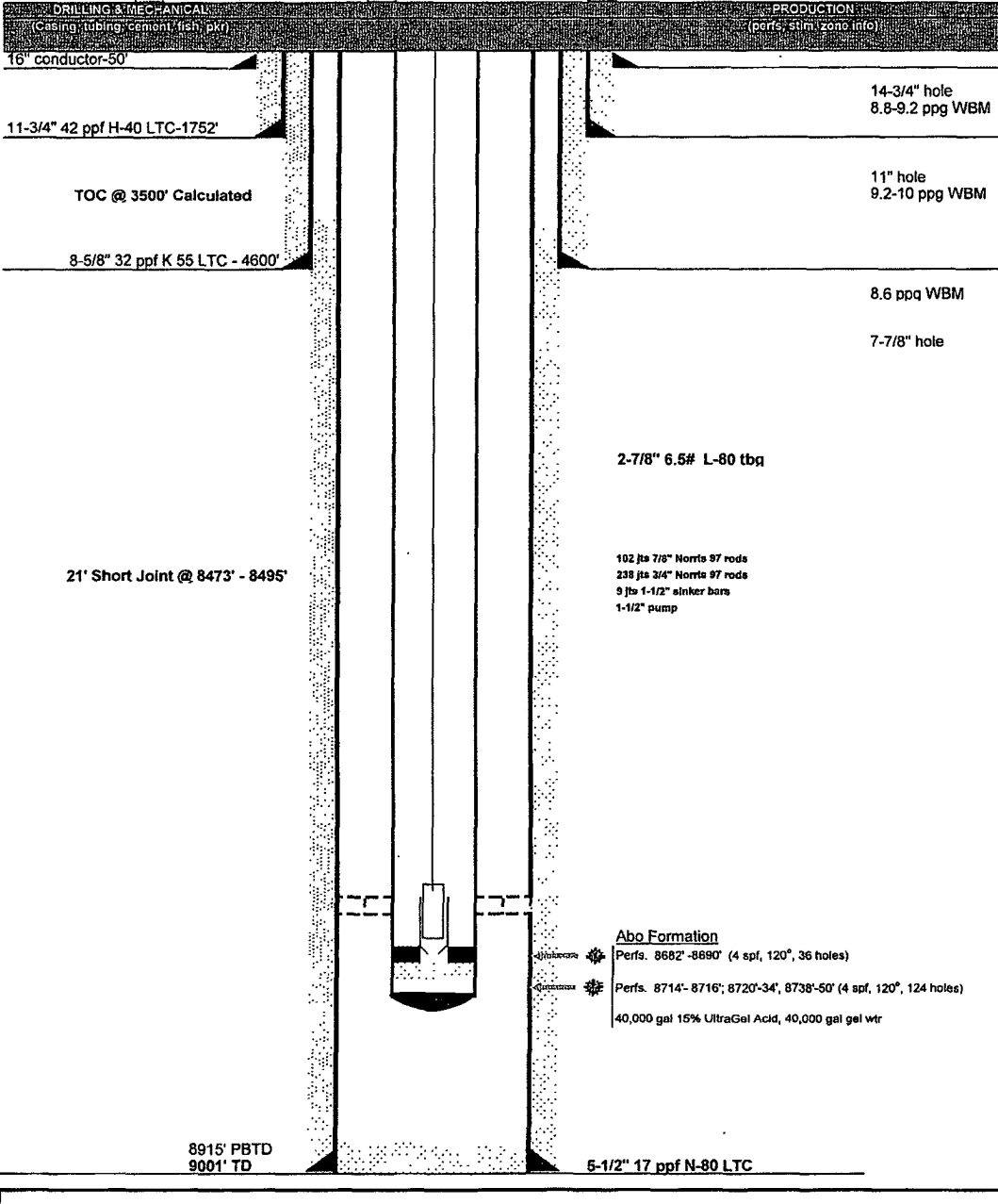
DATE

MAY 24 2012

SHERIDAN PRODUCTION PARTNERS

WELLBORE SCHEMATIC

OPERATOR: Sheridan Production Partners		REV DATE:	
WELL NAME: NVANU 1-2	API: 30-025-39662	TD: 9001	SPUD DATE:
FIELD / PROSPECT: North Vacuum	CO: Lea	STATE: New Mexico	GL: 4042 KB.
SURFACE LOCATION: 2490' FNL & 1481' FWL; Sec 1, T-17-S, R-34-E		BHL: 2490' FNL & 1481' FWL; Sec 1, T-17-S, R-34-E	
COMPLETED ZONE(S): Abo D	PB ZONE(S):	TAG DEPTH:	RC:
RECOMP ZONE(S):	MISC:	TAG DATE:	
TBG/TAC/RODS/PUMP:			
WELLBORE:	☒ Original Completion	☐ Proposed Completion	☒ Current Completion



CEMENT JOB REPORT



CUSTOMER: Sheridan Production Co LLC		DATE: 09-JUL-10	F.R. #: 663610064	SERV. SUPV. CHRISTOPHER A HARWERT	
LEASE & WELL NAME NVANU 1-2 - API 30025396820000		LOCATION		COUNTY-PARISH-BLOCK Lea New Mexico	
DISTRICT Hobbs		DRILLING CONTRACTOR RIG # UDI #225		TYPE OF JOB Surface	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES	
11-3/4" Top Cem Plug, Nitrile cvr, Pl		Guide Shoe, Cement Nose, 11-3/4 i		SACKS OF CEMENT	SLURRY WGT PPG
		Insert Float, AFU, STC, 11-3/4 - 8rd		SLURRY YLD FT ³	WATER GPS
				PUMP TIME HR:MIN	Bbl SLURRY
					Bbl MIX WATER
MATERIALS FURNISHED BY BJ					
H2O				8.34	10
C+3%SALT+.25#/%SK CF+3#%SK LCM1+4				710	151.92
C+1%CACL				254	37.95
H2O				8.34	203.9
Available Mix Water 1000 Bbl.		Available Displ. Fluid 1000 Bbl.		TOTAL	496.9 189.87
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE
14.75		1790	11.75	42	CSG
				1752	H-40
				1752	1709.4
					0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
SIZE	WGT	TYPE	DEPTH	TOP	BTM
				0	0
		NO PACKER		0	0
				11.75	8RD
				WATER BASED MU	
				10	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
209.1	BBLs	H2O	8.34	519	0
				0	0
				0	0
				0	0
				1980	1584
				FRAC TANK	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:					
PRESSURE/RATE DETAIL				EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI PIPE	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒
	ANNULUS				TEST LINES 4561 PSI
					CIRCULATING WELL - RIG ☒ BJ ☐
					JULY 9, 2010 ALL TIMES MOUNTAIN STANDARD
14:00	0	0	0	0	LEAVE YARD FOR LOCATION
15:00	0	0	0	0	ARRIVE ON LOCATION
15:30	0	0	0	0	TEST WATER CHL 500 SULF<400 pH6
19:13	350	0	5	40	H2O PUMP TEST
00:40	0	0	0	0	PRE JOB SAFETY MTG W/BJ & RIG CREW 7/10/10
01:10	0	0	1	1	H2O LOAD LINES
01:12	4561	0	0	0	H2O TEST LINES
01:23	323	0	5	50	H2O FW SPACER
01:27	526	0	6	223	SLURRY LEAD SLURRY @ 13.5PPG
01:57	337	0	5	60	SLURRY TAIL SLURRY @ 14.8PPG
02:09	0	0	0	0	SHUT DOWN & DROP PLUG
02:13	188	0	7	193.9	H2O DISPLACEMENT
02:42	529	0	3	10	H2O SLOW DOWN TO BUMP PLUG
02:45	1071	0	0	0	H2O BUMP PLUG
02:46	0	0	0	0	CHECK FLOAT (HELD)
02:47	0	0	0	0	SHUT DOWN
					CIRCULATED 0SX-CO REP CALLED FOR TEMP SURVEY TO TOP OUT
03:00	0	0	0	0	POST JOB SAFETY MTG. BJ RELEASED
					THANK YOU. CHRIS & CREW!!!!!!!!!!!!!!!!!!!!

CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
	PIPE	ANNULUS				TEST LINES	4561 PSI
						CIRCULATING WELL - RIG ☒ BJ ☐	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
☒ Y ☐ N	1071	☒ Y ☐ N	0	542.1	0	☒ Y ☐ N	<i>Charles Hamilton</i>

CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC		DATE 10-JUL-10		I.F.R. # 683610066		SERV. SUPV. CHRISTOPHER A HARWERT	
LEASE & WELL NAME NVAHU 1-2 - API 30025396620000		LOCATION		COUNTY-PARISH-BLOCK Lea New Mexico			
DISTRICT Hobbs		DRILLING CONTRACTOR RIG # UDI #225		TYPE OF JOB Squeeze-Top			
SIZE & TYPE OF PLUGS		LIST-CEG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
11-3/4" Top Cem Plug, Nitrile cvr, PI		Guide Shoe, Cement Nose, 11-3/4 i		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
		Insert Float, AFU, STC, 11-3/4 - 8rd					PUMP TIME HR:MIN
MATERIALS FURNISHED BY BJ							Bbl SLURRY
C+2%CACL ON SIDE				200	14.8	1.34	6.34
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		14	8.86
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
14.75		1790	11.75	42	CSG	1752	H-40
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
				NO PACKER	0	0	0
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
0	BBL			0	0	0	0
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:							
PRESSURE/RATE DETAIL		EXPLANATION					
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
	PIPE	ANNULUS				TEST LINES 0 PSI	
						CIRCULATING WELL - RIG BJ	
						JULY 10, 2010 ALL TIMES MOUNTAIN STANDARD	
02:47	0	0	0	0		SHUT DOWN ON SURFACE CEMENT JOB	
03:00	0	0	0	0		CO REP CALLED FOR CMT TO TOP OUT & CALLED FOR WIRELINE	
09:45	0	0	0	0		WIRELINE ARRIVES	
13:30						PRE JOB SAFETY MTG W/BJ & RIG CREW	
13:35	0	0	0	0		BATCH UP SLURRY	
13:37	75	0	1	26	SLURRY	DOWNHOLE SLURRY @ 14.8PPG	
14:00	0	0	0	0		SHUT DOWN	
14:20	0	0	0	0		POST JOB SAFETY MTG. BJ RELEASED	
						THANK YOU. CHRIS & CREW!!!!!!!!!!!!!!	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y ☒ N		Y ☒ N		26	0	Y ☒ N	

CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC		DATE 14-JUL-10	F.R. # 607210339	SERV. SUPV. JORGE MARIN JR	
LEASE & WELL NAME NVANU 1-2		LOCATION		COUNTY-PARISH-BLOCK Lea New Mexico	
DISTRICT Hobbs		DRILLING CONTRACTOR RIG # UDI 225		TYPE OF JOB Surface INTERMEDIATE	
SIZE & TYPE OF PLUGS		LIST CSG HARDWARE		PHYSICAL SLURRY PROPERTIES	
8-5/8" Top Cem Plug, Nitrile cvr, Ph		700-LAP-PVTS Float Collar, 8-5/8 in		SACKS OF CEMENT	SLURRY WGT PPG
		Float Shoe 8-5/8 - 8rd		SLURRY YLD FT ³	WATER GPS
MATERIALS FURNISHED BY BJ				PUMP TIME HR:MIN	Bbl SLURRY
FRESH WATER					Bbl MIX WATER
50:50:10C+5%SALT+.2%FL52A		610		8.34	20
C NEAT		250		11.9	257
FRESH WATER		8.34		1.32	37.76
Available Mix Water 800 Bbl.		Available Displ. Fluid 485 Bbl.		TOTAL	611.4 233.76
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH
11		4600	8.625	32 CSG	4605
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
SIZE	WGT	TYPE	DEPTH	TOP	BTM
				8.625	8RD
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
275.4	BBLs	FRESH WATER	8.34	1200	0
				OP. MAX	MAX TBG PSI
				SQ. PSI	RATED
				Operator	MAX CSG PSI
				Operator	MIX WATER
				3930	3144
					RIG TANKS
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:					
PRESSURE/RATE DETAIL				EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE
	PIPE	ANNULUS			
					SAFETY MEETING: BJ CREW ☒ CO. REP. ☐
					TEST LINES 3500 PSI
					CIRCULATING WELL - RIG ☒ BJ ☐
					WATER CHLO 500, PH7, SUL <200
20:00					ARRIVE ON LOCATION
22:14					PUMP TEST
22:10					SAFETY MEETING
22:31	3700	0	.5	1	FW
22:32	156	0	5.3	19	FW
22:37	263	0	7.1	263	SLURRY
23:19	153	0	4.9	58	SLURRY
23:33	0	0	0	0	0
23:34	0	0	7.4	0	FW
00:24	1128	0	2.8	265	FW
00:27	1888	0	0	272	FW
					CIRCULATE 45 BBLs = 107 SX TO SURFACE
					THANK YOU FROM JORGE AND CREW
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG
☒ N	1888	☒ N	45	613	0
SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:				
☒ Y ☐ N					

CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC		DATE 23-JUL-10	F.R. # 656910117	SERV. SUPV. ANTHONY L NOWAK			
LEASE & WELL NAME NVANU 1-2 - API 30025398620000		LOCATION		COUNTY-PARISH-BLOCK Lea New Mexico			
DISTRICT Hobbs		DRILLING CONTRACTOR RIG # UDI #225		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS		LIST CSG HARDWARE		PHYSICAL SLURRY PROPERTIES			
BJ Cement Plug, Rubber, Top 5-1/2		700-LAP-PVTS Float Collar, 5-1/2 i		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
		Guide Shoe, Cement Nose, 5-1/2 i					PUMP TIME HR:MIN
MATERIALS FURNISHED BY BJ							Bbl SLURRY
MUDCLEAN 2				0	8.34	1	00:00
50/50/10H+ .15ASA-301+.3%FL52-A+.1%R-3				375	11.8	2.29	13.15 04:44
61-15-11H:CSE-2+.6%FL-25+.6%FL-52A+.1%SMS+3%Salt				150	13.4	1.54	04:40 41 27.48
Available Mix Water 800 Bbl.		Available Displ. Fluid 800 Bbl.		TOTAL		224	148.94
HOLE		TBC CSG D.P.		COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
7.875		8995	5.5	17	CSG	8995	N-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN.	
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
8 625	32	CSG	4600			0	0
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		MAX. TBG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SO. PSI	RATED
207	BBLs			1197	0	0	0
							7740
							6192
							Frac Tank
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None							
PRESSURE/RATE DETAIL				EXPLANATION			
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
	PIPE	ANNULUS				TEST LINES 4700 PSI	
						CIRCULATING WELL - RIG ☒ BJ ☐	
00:10	0	0	0	0	0	Arrived On Location	
00:17	0	0	0	0	0	Test Water	
02:30	0	0	0	0	0	Casing On Bottom, Waiting On Pump & Bulk Truck	
06:15	0	0	0	0	0	Trucks Arrived	
06:30	0	0	0	0	0	Rig Up Meeting	
07:55	0	0	0	0	0	Safety Meeting	
08:31	4700	0	.25	.25	H2O	Test Lines	
08:34	200	0	5.5	30	MUDCLEAN	Spacer	
08:40	330	0	7	153	CMT	Lead Slurry @ 11.8#	
09:05	188	0	4	41	CMT	Tail Slurry @ 13.4#	
09:15	0	0	0	0	CMT	Shut Down Drop Plug	
09:20	1370	0	7	190	H2O	Displacement	
09:49	1200	0	3	8.5	H2O	Slow Rate To Bump Plug	
09:55	1700	0	0	198.5	H2O	Bump Plug, Float Held	
10:00	0	0	0	0	0	Rig Down Meeting	
Thank You, Tony And Crew							
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
☒ Y ☐ N	1700	☒ Y ☐ N	0	416.5	0	☒ Y ☐ N	