

State of New Mexico
Energy, Minerals and Natural Resources

RECEIVED

JUL 26 2010

HOBBSOCD

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

WELL API NO.

30-025-39667

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 196

9. OGRID Number 252496

10. Pool name or Wildcat
VACUUM; ABO, NORTH

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 G : 2310 feet from the N line and 1370 feet from the E lineSection 2 Township 17S Range 34E NMPM County LEA

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

4048 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.

05/21/10: 11-3/4" csg set @ 1803' - 47ppf - grade H-40
Lead cement: 707 sx @ 13.5#/gal.; 222 BBL Slurry - 3% Salt, 4% Gel
Tail cement: 290 sx @ 14.8#/gal.; 68 BBL Slurry - 1% C + CaCl
TOC: surface

05/26/10: 8-5/8" csg set @ 4605' - 32ppf - grade: K-55
Lead cement: 755 sx @ 11.9#/gal.; 318 BBL Slurry - 50:50 POZ:C
Tail cement: 250 sx @ 14.8#/gal.; 59 BBL Slurry - Class C
TOC: surface

06/08/10: 5-1/2" csg set @ 9066' - 17ppf - grade N-80
Lead cement: 368 sx @ 11.8#/gal.; 151 BBL Slurry - 50/50/10H
Tail cement: 145 sx @ 13.4#/gal.; 40 BBL Slurry - 15/61/H + 3% Salt

Spud Date:

05/17/10

Rig Release Date:

06/09/10

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

SIGNATURE

TITLE OPERATIONS TECH DATE 07/19/10

Type or print name JOYCE A. WILLIAMS

E-mail address: jwilliams@sheridanproduction.com

PHONE: 713-548-1070

For State Use Only

APPROVED BY:

TITLE

PETROLEUM ENGINEER

DATE

SEP 22 2010

Conditions of Approval (if any):

CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC			DATE 21-MAY-10		F.R. # 663610022		SERV. SUPV. CHRISTOPHER A HARWERT					
LEASE & WELL NAME NVANU 19-6 - API 30025392970000			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,			Guide Shoe, Cement Nose, 11-3/4 i			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
			Float Collar, AI Flap, 11-3/4 - 8rd									
MATERIALS FURNISHED BY BJ												
H2O							8.34				50	
C+3%SALT+.25#/SK CF+3#/SK LCM1+4%GEL						707	13.5	1.77	9.02	04:33	222	151.48
H2O							8.34				210	
C + 1% CaCl						290	14.8	1.34	6.34	03:15	68	43.17
Available Mix Water 1000 Bbl. Available Displ. Fluid 1000 Bbl.						TOTAL			550 194.65			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	%	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
14.75		1797	11.75	47	CSG	1803	H-40	1803	1758.67		0	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
				NO PACKER		0	0	0	11.75	8RD	WATER BASED	10
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
210	BBSL	H2O	8.34	528	0	0	0	0	1980	1584	FRAC TANK	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: PLUG DID NOT BUMP. WAITED 5 MIN. CHECK FLOAT (HELD)												
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 3175 PSI						
						CIRCULATING WELL - RIG ☒ BJ ☐						
00:00	0	0	0	0		MAY 21, 2010 ALL TIMES MOUNTAIN STANDARD						
07:30	0	0	0	0		LEAVE FOR LOCATION						
08:10	0	0	0	0		ARRIVE ON LOCATION--SAFETY MTG						
08:20	0	0	0	0		TEST WATER CHL 500 SULF< 400 pH6						
09:37	350	0	5	40	H2O	PUMP TEST						
10:10	0	0	0	0		PRE JOB SAFETY MTG W/BJ & RIG CREW						
10:44	0	0	1	1	H2O	LOAD LINES						
10:58	3175	0	0	0	H2O	TEST LINES						
11:00	200	0	5	20	H2O	FW SPACER end psi - 123						
11:06	275	0	5	222	SLURRY	LEAD SLURRY @ 13.5PPG end psi - 100 3bpm						
11:52	275	0	5	68	SLURRY	TAIL SLURRY @ 14.8PPG end psi - 148 3bpm						
12:08	0	0	0	0		SHUT DOWN & DROP PLUG						
12:11	50	0	5	200	H2O	DISPLACEMENT						
12:51	550	0	3	10	H2O	SLOW DOWN TO BUMP PLUG						
12:58	550	0	0	2	H2O	DID NOT BUMP PLUG						
13:03	0	0	0	0		CHECK FLOAT (HELD)						
13:05	0	0	0	0		SHUT DOWN						
						CIRCULATED 30BBSL/95SX						
13:20	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 ☒	550	Y ☐ N ☒	30	550	0	Y ☐ N ☒						

CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC			DATE 26-MAY-10		F.R. # 607210281		SERV. SUPV. JORGE MARIN JR					
LEASE & WELL NAME NVANU 19-6			LOCATION				COUNTY-PARISH-BLOCK Lea New Mexico					
DISTRICT Hobbs			DRILLING CONTRACTOR RIG # UDI 225				TYPE OF JOB Intermediate					
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
8-5/8" Top Cem Plug, Nitrile cvr,			700-LAP-PVTS Float Collar, 8-5/8"			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Float Shoe 8-5/8 - 8rd												
MATERIALS FURNISHED BY BJ												
FRESH WATER							8.34				20	
50:50:10P,C,G+5%SALT+.2%FL52A						755	11.9	2.37	13.52	04:25	318	242.52
C NEAT						250	14.8	1.32	6.32	03:12	59	37.76
FRESH WATER							8.34				275	
Available Mix Water 900 Bbl. Available Displ. Fluid 554 Bbl.						TOTAL			672 280.28			
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	%	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
11		4598	8.625	32	CSG	4605	K-55	4605	4512.69			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
									8.625	8RD		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
275	BBLs	FRESH WATER	8.34	1200	0	0	0	0	0	0	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	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒						
	PIPE	ANNULUS				TEST LINES 3500 PSI						
						CIRCULATING WELL - RIG ☒ BJ ☐						
						WATER CHLO 500, PH 7, SUL <200						
17:10						ARRIVE ON LOCATION						
18:31						PUMP TEST						
18:51						SAFTEY MEETING						
19:09	3605	0	.5	1	FW	PRESSURE TEST LINES						
19:10	160	0	5	19	FW	SPACER AHEAD						
19:14	350	280	7	308	SLURRY	LEAD CEMENT						
20:01	190	60	5	55	SLURRY	TAIL CEMENT						
20:16	0	0	0	0	0	SHUT DOWN, DROP PLUG						
20:18	87	0	7	0	FW	START DISPLACEMENT						
20:59	1230	1060	2.8	265	FW	SLOW RATE						
21:03	1150	1804	0	275	FW	BUMP PLUG, FLOAT HELD.						
						CIRCULATED 90 BBLs = 213 SACKS 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	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:					
☒ Y ☐ N	1804	☒ Y ☐ N	90	658	0	☒ Y ☐ N						

CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC		DATE 08-JUN-10	F.R. # 561110402	SERV. SUPV. DAVID D BRAY			
LEASE & WELL NAME NVANU 19-6 API: 30-025-39297		LOCATION 2-17S-34E		COUNTY-PARISH-BLOCK Lea New Mexico			
DISTRICT Artesia		DRILLING CONTRACTOR RIG # NORTH VACUUM ABO NORTH UNIT #196 - API		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
5-1/2" Top Cem Plug, Nitrile cvr,		Float Collar, Al Flap, 5-1/2 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
		Float Shoe 5-1/2 - 8rd					PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
MUD CLEAN II				0	8.43	0	00:00
H2O				0	8.34	0	00:00
50/50/10H+.1%R-3+.15%ASA301+.5%FL52A				368	11.8	2.3	00:00
15/61/H +11#CSE+3%SALT+.6%FL-25+.1%SMS+.6%FL52A				145	13.4	1.54	00:00
H2O				0	8.34	0	00:00
Available Mix Water 600 Bbl.		Available Displ. Fluid 600 Bbl.		TOTAL		439	142.26
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	%	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
7.875	0	9066	5.5	17	CSG	9973	L-80
						9073	8986
							0
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	NO PACKER	0	0	0
						5.5	8RD
							WATER BASED
							10
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
208	BBLs	H2O	8.34	1357	0	0	0
							0
							7740
							6192
							RIG
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 4500 PSI	
						CIRCULATING WELL - RIG ☒ BJ ☐	
11:30	0	0	0	0	0	ARRIVE ON LOC	
						CLORIDES <500 SULFDIES <200	
12:45	0	0	0	0	0	SAFETY MEETING	
01:09	6472	0	.5	.5	H2O	TEST LINES	
01:15	227	0	3	30	H2O	MUD CLEAN II SPACER	
01:25	235	0	3	10	H2O	FRESH WATER SPACER	
01:27	324	0	6	151	CMT	LEAD SLURRY @ 11.8	
02:03	227	0	4	40	CMT	TAIL SLURRY @ 13.4	
02:20	0	0	0	0	CMT	SHUT DOWN/ DROP PLUG/ WASH UP TO PIT	
02:25	132	0	7	190	H2O	START DISPLACEMENT	
02:55	1075	0	2.5	18	H2O	SLOW RATE	
03:04	1184	0	0	0	H2O	SHUT DOWN/ DID NOT BUMP	
03:07	0	0	0	0	H2O	CHECK FLOATS	
THANK YOU DAVID 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 ☒		Y ☐ N ☒	0	439	0	Y ☐ N ☒	