

RECEIVED

JUL 30 2010

HOBBSOCD

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

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ P AND A ☐
CASING/CEMENT JOB ☒OTHER: ☐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: surface07/14/10: 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

Spud Date:

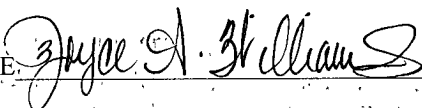
07/07/10

Rig Release Date:

NA

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

SIGNATURE:



TITLE OPERATIONS TECH

DATE 07/26/10

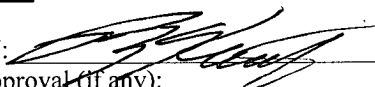
Type or print name JOYCE A. WILLIAMS

E-mail address: jwilliams@sheridanproduction.com

PHONE: 713-548-1070

For State Use Only

APPROVED BY:



TITLE

PETROLEUM ENGINEER

DATE

AUG 03 2010

Conditions of Approval (if any):

x.m.

CEMENT JOB REPORT



CUSTOMER Sherdan Production Co LLC		DATE 09-JUL-10	F.R. # 663610064		SERV. SUPV. CHRISTOPHER A HARWERT	
LEASE & WELL NAME NVANU 1-2 - API 30025396620000		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	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
11-3/4" Top Cem Plug, Nitrile cvr, PI		Guide Shoe, Cement Nose, 11-3/4 i							
		Insert Float, AFU, STC, 11-3/4 - 8rd							
MATERIALS FURNISHED BY BJ									
H2O				8.34				10	
C+3%SALT+.25#/%SK CF+3#/%SK LCM1+4			710	13.5	1.77	9.02		223	151.92
C+1%CACL			254	14.8	1.34	6.34		60	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	DEPTH	GRADE	SHOE	FLOAT	STAGE
14.75		1790	11.75	42	CSG	1752	H-40	1752	1709.4	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 MU	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	
209.1	BBLS	H2O	8.34	519	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		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
	PIPE	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 Shendan Production Co LLC		DATE 10-JUL-10	F.R. # 663610066		SERV. SUPV. CHRISTOPHER A HARWERT					
LEASE & WELL NAME NVANU 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-CSG-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 FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Insert Float, AFU, STC, 11-3/4 - 8rd								
MATERIALS FURNISHED BY BJ										
C+2%CACL ON SIDE				200	14 8	1.34	6.34		14	8.86
Available Mix Water <u>500</u> Bbl. Available Displ. Fluid <u>500</u> Bbl.				TOTAL					14	8.86
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
14.75		1790	11.75	42	CSG	1752	H-40	1752	1709 4	0
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		TOP	BTM	SIZE	THREAD	WGT.
				NO PACKER		0	0	1	REG	WATER BASED MU 10
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator
0	BBLS			0	0	0	0	0	0	0
										N/A

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 Y ☐ N ☒	PSI TO BUMP PLUG	TEST FLOAT EQUIP. Y ☐ N ☒	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED 26	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y ☐ N ☒	SERVICE SUPERVISOR SIGNATURE:
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CEMENT JOB REPORT



CUSTOMER Shendan 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 i		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	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		
50:50:10C+5%SALT+.2%FL52A				610	11.9	2.37	13.52	04:25	257	196.00	
C NEAT				250	14.8	1.32	6.32	03:12	59	37.76	
FRESH WATER					8.34				275.4		
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.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
11		4600	8.625	32	CSG	4605		4605	4523		
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
									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	
275.4	BBLS	FRESH WATER	8.34	1200	0	0	0	0	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	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐	
	PIPE	ANNULUS				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	TEST LINES	
22:32	156	0	5.3	19	FW	SPACER AHEAD	
22:37	263	0	7.1	263	SLURRY	LEAD CEMENT	
23:19	153	0	4.9	58	SLURRY	TAIL CEMENT	
23:33	0	0	0	0	0	SHUT DOWN, DROP PLUG	
23:34	0	0	7.4	0	FW	START DISPLACEMENT	
00:24	1128	0	2.8	265	FW	SLOW RATE	
00:27	1888	0	0	272	FW	BUMP PLUG, FLOAT HELD	
						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	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
☒ Y ☐ N	1888	☒ Y ☐ N	45	613	0	☒ Y ☐ N	<i>Jorge Marin</i>