

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

JUN 14 2010
HOBBSOCD

WELL API NO.

30-025-39664

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 044

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 L : 1384 feet from the S line and 130 feet from the W lineSection 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.

4/20/10: 11-3/4" csg set @ 1800' - 42ppf - grade K-55
 Lead cement: 707 sx @ 13.5#/gal.; 222 BBL Slurry - C + ADDITIVES
 Tail cement: 254 sx @ 14.8#/gal.; 60 BBL Slurry - C + 1% CaCl TOC: surface

4/26/10: 8-5/8" csg set @ 4608' - 32ppf - grade: K-55
 Lead cement: 766 sx @ 11.9#/gal.; 323 BBL Slurry - 50:50 POZ: C
 Tail cement: 251 sx @ 14.8#/gal.; 59 BBL Slurry - Class C Neat TOC: surface

5/13/10: 5-1/2" csg set @ 8989' - 17 ppf - grade: J-55
 Lead cement: 385 sx @ 11.8#/gal.; 157 bbl Slurry - 50:50 POZ: H + GEL
 Tail cement: 150 sx @ 13.4#/gal.; 41 bbl Slurry - POZ: H TOC: 3900'

Spud Date:

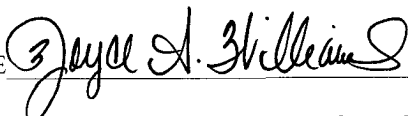
4/15/10

Rig Release Date:

5/13/10

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

SIGNATURE

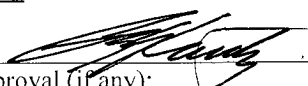


TITLE OPERATIONS TECH DATE 06/09/10

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

JUL 28 2010

Conditions of Approval (if any):

SHERIDAN PRODUCTION COMPANY

WELLBORE SCHEMATIC

OPERATOR: Sheridan Production Company
WELL NAME: NVANU 4-4 API: 30-025-39664 TD: 9028 REV DATE: 4/15/10
FIELD / PROSPECT: North Vacuum CO: Lea STATE: New Mexico GL 4042 KB 4062
SURFACE LOCATION: 1384' FSL & 130' FWL; Sec.1, T-17-S, R-34-E BHL: 1384' FSL & 130' FWL; Sec.1, T-17-S, R-34-E
COMPLETED ZONE(S): Abo D PB ZONE(S)
RECOMP ZONE(S): TAG DEPTH: RC. TAG DATE:
TBG/TAC/RODS/PUMP: MISC:
WELLBORE: ☒ Original Completion ☐ Proposed Completion ☐ Current Completion

DRILLING & MECHANICAL

(Casing, tubing, cement, fish, pkr)

PRODUCTION

(perfs, stim, zone info)

16" conductor-50'

11-3/4" 42 ppf H-40 LTC-1800'
Cmt w/961 sks

8-5/8" 32 ppf K 55 LTC - 4611'
Cmt w/1017 sks

Estimated TOC +/-3900'

15' short joint 8516'

8799' PBTD
8989' TD

Abo Formation

Perfs. 8607' -8616' (10') (4 spf, 90°, 40 holes)

Perfs. 8637' -8650' (14') (4 spf, 90°, 56 holes)

Perfs. 8654' -8660' (7') (4 spf, 90°, 28 holes)

40,000 gal 15% UltraGel Acid, 40,000 gal gel wtr

8989' 5-1/2" 17 ppf N80 LTC
cmt w/385 sks

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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 ☐	11	515	0	Y ☐ N ☐	

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	4470 PSI
						CIRCULATING WELL - RIG ☒	BJ ☐
						ALL TIMES MOUNTAIN TIME	
20:45	0	0	0	0	0	ON LOCATION	
21:09	0	0	0	0	0	TEST WATER: PH-6 SUL<200 CHL<500	
22:30	0	0	0		0	PUMP TEST	
02:10	0	0	0		0	SAFETY MEETING	
02:54	100	0	1		1	WATER FILL LINES	
02:56	0	0	0		0	PRESSURE TEST LINES @ 4470 PSI	
02:57	323	0	7		20	WATER SPACER AHEAD	
03:01	430	0	7		323	SLURRY LEAD CEMENT @ 11.9#/GAL/ FINAL PSI 56	
03:47	252	0	5.5		59	SLURRY TAIL CEMENT @ 14.8#/GAL/ FINAL PSI 84	
04:00	0	0	0		0	DROP PLUG	
04:01	182	0	7		265	WATER DISPLACEMENT	
04:40	1050	0	2.8		10	WATER SLOW RATE	
04:45	1900	0	0		0	BUMP PLUG	
04:46	0	0	0		0	FLOAT HELD	
05:30	0	0	0		0	JOB COMPLETE, BJ RELEASED	
						THANK YOU, MIKE AND CREW	
						CIRCULATED: 45 bbls/ 107 SKS TO PIT	
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	1900	☒ Y ☐ N	45	677	0	☒ Y ☐ N	

CEMENT JOB REPORT



CUSTOMER Shendan Production Co LLC		DATE 13-MAY-10		F.R. # 607210260		SERV. SUPV. TOD A MASON	
LEASE & WELL NAME NYANU 4-4 - API 30025396640000		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			
5-1/2" Top Cem Plug, Nitrile cvr,		Centralizer, with Pins, 5-1/2 in		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
		Float Collar, Pop Valve, 5-1/2 - 8rd					PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
WATER				0	8.34	0	00:00
MUD CLEAN II				0	8.34	0	00:00
WATER				0	8.34	0	00:00
50:50:POZH+GEL+.1%R-3+.15%ASA-301+.3%FL-52A				385	11.8	2.3	13:15
15:61:11POZH:CSE-2+3%SALT+.6%FL-52A+.1%SMS+.6%FL-2				150	13.4	1.54	04:39
WATER				0	8.34	0	00:00
Available Mix Water 500 Bbl.		Available Displ. Fluid 320 Bbl.		TOTAL		476	147.51
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	%	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
7.875	0	8989	5.5	17	CSG	8989	J-55
							SHOE
							FLOAT
							STAGE
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
						5.5	8RD
						WELL FLUID	
						TYPE	
						WGT.	
						FRESH WATER	
						8.34	
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	WATER	8.34	1707	0	0	0
						Operator	MAX CSG PSI
						RATED	Operator
						4270	3416
						MIX WATER	
						FRACTANK	
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 5000 PSI	
						CIRCULATING WELL - RIG ☒ BJ ☐	
03:30	0	0	0	0	0	ARRIVED ON LOCATION	
03:40	0	0	0	0	0	TEST WATER PH7/CHLORIDES500/SULFATES<200	
04:54	0	0	0	0	0	PUMP TEST	
07:30	0	0	0	0	0	SAFETY MEETING	
08:14	3800	0	1	1	WATER	TEST LINES	
08:18	550	0	5.5	10	WATER	SPACER AHEAD	
08:20	324	0	5.5	50	MUDCLE	MUDCLEAN II	
08:25	550	0	5	10	WATER	SPACER	
08:38	875	0	7	160	CMT	LEAD SLURRY	
09:03	425	0	5	42	CMT	TAIL SLURRY	
09:28	0	0	0	0	0	SHUT DOWN/WASHUP/DROP PLUG	
09:35	274	0	7.3	198	WATER	DISPLACEMENT	
10:03	1007	0	2.5	10	WATER	SLOW DOWN TO BUMP PLUG	
00:00	0	0	0	0	0	DID NOT BUMP PLUG/FLOATS HELD	
THANK YOU FROM TODD 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	1706	☒ Y N	0	476	0	Y ☒ N	