

June 19, 2008

Office

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

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

WELL API NO.

30-025-39524

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 024

9. OGRID Number 252496

10. Pool name or Wildcat

VACUUM; ABO, NORTH

SUNDY 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 M : 1200 feet from the S line and 1310 feet from the W lineSection 1 Township 17S Range 34E NMPM County LEA

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

4037' 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.

12/21/09: 11-3/4" csg set @ 1814' - 42ppf - grade K-55

Lead cement: 707 sx @ 13.5#/gal.; 223 BBL Slurry - 3%Salt, 4%Gel

Tail cement: 245 sx @ 14.8#/gal.; 59 BBL Slurry - 1% cacl

TOC: surface

12/29/09: 8-5/8" csg set @ 4615' - 32ppf - grade: J-55

Lead cement: 700 sx @ 11.9#/gal.; 295 BBL Slurry - 50:50 POZ:C

Tail cement: 260 sx @ 14.8#/gal.; 62 BBL Slurry - Class C

TOC: surface

1/8/10: 5-1/2" csg set @ 9044' - 17ppf - grade J-55

Lead cement: 400 sx @ 11.8#/gal.; 164 BBL Slurry - 50:50 POZ: H

Tail cement: 100 sx @ 13.4#/gal.; 27 BBL Slurry - 15:61 POZ: H

TOC: 2600'

Spud Date: 12/19/09

Rig Release Date: 1/9/10

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 01/26/10Type or print name JOYCE A. WILLIAMS E-mail address: jwilliams@sheridanproduction.com PHONE: 713-548-1070

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE MAR 11 2010

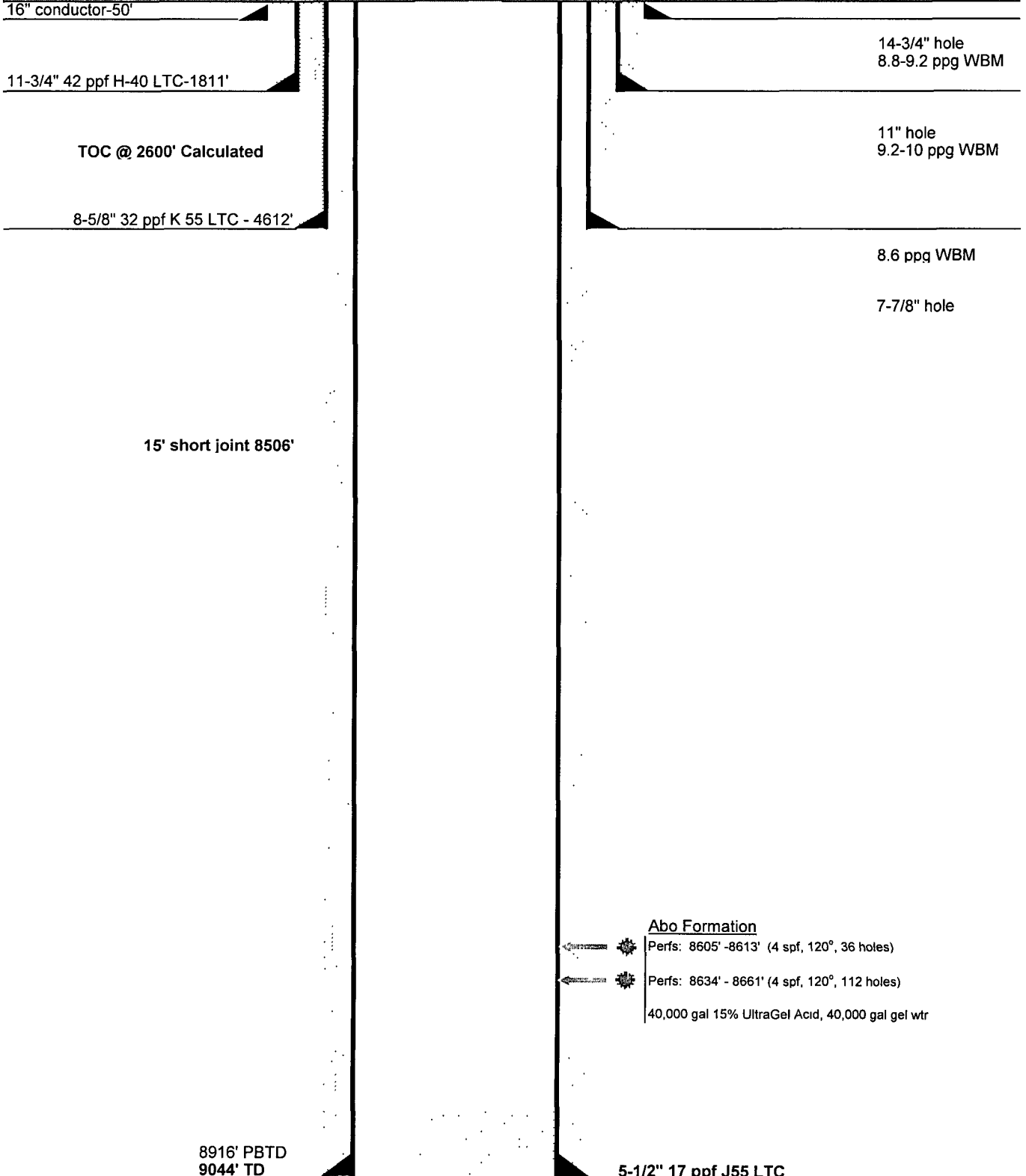
Conditions of Approval (if any):

SHERIDAN PRODUCTION PARTNERS

WELLBORE SCHEMATIC

OPERATOR: Sheridan Production Partners		REV DATE:	
WELL NAME: NVANU 2-4	API: 30-025-39524	TD: 9044	SPUD DATE: 12/19/09
FIELD / PROSPECT: North Vacuum	CO: Lea	STATE: New Mexico	GL: 4037
SURFACE LOCATION: 1200' FSL & 1310' FWL; Sec.1, T-17-S, R-34-E		BHL: 1200' FSL & 1310' FWL; Sec.1, T-17-S, R-34-E	KB: 4054
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	PRODUCTION
(Casing, tubing, cement, fish, pkr)	(perfs, stim, zone info)



CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC		DATE 21-DEC-09	F.R. # 637410035	SERV. SUPV. WARREN E KENDRICK	
LEASE & WELL NAME NVANU 2-4 - APJ 30025395240000		LOCATION		COUNTY-PARISH-BLOCK Lea New Mexico	
DISTRICT Hobbs		DRILLING CONTRACTOR RIG # Silver Oak 9		TYPE OF JOB Surface	

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
11-3/4" Top Cem Plug, Nitrile cvr, PI	Float Collar, Al Flap, 11-3/4 - 8rd	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Guide Shoe, Texas-Notched 11-3/4									
MATERIALS FURNISHED BY BJ									
WATER				8.34			20		
C+3%Salt+0.25#sx CF+3#sx LCM-1+4%Gel				707	13.5	1.77	223.4	152.20	
C+1% CaCl ₂				245	14.8	1.34	58.6	37.07	
Mud				8.9			210.5		
Available Mix Water 1000 Bbl.		Available Displ. Fluid 1000 Bbl.		TOTAL			512.5	189.26	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
14.75		1811	11.75	42	CSG	1814	K-55	1814	1771	

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.
								11.75	8 RD	WATER BASED ML	8.9

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	WATER
210.5	BBLS	Mud	8.9	1150	0	2950	0	0	3950	2950	RIG

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					
10:00						SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
11:15						TEST LINES 3653 PSI	
17:20						CIRCULATING WELL - RIG ☒ BJ	
17:57	3653	0	1	1	WATER	Arrive on location Safety Meeting	
18:00	281	0	4.3	5	WATER	Pump Test	
18:02						Pre Job Safety Meeting	
18:47	202	0	5.5	20	WATER	Purge and test lines	
18:54	434	0	5.6	223	CEMENT	Spacer	
19:23	523	0	5.3	58	CEMENT	Mixing system clogs up switch to rig pump to circulate	
19:40	690	0	6.9	200	MUD	Spacer	
20:16	537	0	2.8	10.5	MUD	Lead Slury	
20:20	1150	0				Tail Slurry	
						Displacement	
						Slow Rate	
						Bump Plug Bleed Off Float OK	
						79sx=25 bbls of cement circulated to pit	
						pH 7, CI 0-500, So under 200	
						JOB COMPLETE THANK YOU EDDIE AND CREW	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SERVICE SUPERVISOR SIGNATURE:	
☒ Y ☐ N	1150	☒ Y ☐ N	25	517.5	0	 Warren E. Kendrick	

CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC		DATE 29-DEC-09	F.R. # 640110004	SERV. SUPV. Nathan Taylor	
LEASE & WELL NAME NVANU 2-4		LOCATION		COUNTY-PARISH-BLOCK Lea New Mexico	
DISTRICT Hobbs		DRILLING CONTRACTOR RIG # silver Oak #9		TYPE OF JOB Intermediate	

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
8-5/8" Top Cem Plug, Nitrile cvr, Phi		Centralizer, with Pins, 8-5/8 in							
		Float Collar, Pop Valve, 8-5/8 - 8rd							
MATERIALS FURNISHED BY BJ									
Water				8.3				50	
50:50P,C+5%salt+.2%FI-52			700	11.9	2.37	13.52	04:23	295	224.98
C Neat			260	14.8	1.34	6.34	03:13	62	39.22
WBM				9.2				276	
Available Mix Water 1000 Bbl. Available Displ. Fluid 1000 Bbl.			TOTAL					683	264.19

HOLE			TBG-CSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
12.25	50	4612	8.625	32	CSG	4615	J-55	4615	4524.46	

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.
11.75	36	CSG	670					8.625	8RD	WATER BASED MU	10.3

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	Rig
276	BBLs	WBM	9.2	498	0	0	0	0	3930	3144	Rig

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					
14:30						SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
						TEST LINES 3500 PSI	
						CIRCULATING WELL - RIG ☒ BJ ☐	
						Arrive On Location	
						Chlorides 300, temp 34, sulfates below 200, pH 5	
02:30						Pump test	
03:20						Pressure Test	
03:21	236		5.7	20	WATER	Start spacer	
03:26	430		7	295	CMNT	Start lead slurry	
04:08	281		5	62	CMNT	Start tail slurry	
04:23						Shut down drop plug	
04:25	350		7	266	MUD	Start displacement	
05:00	664		3	10	MUD	Slow Rate	
05:05	1456					Bump plug	
						Test float (Held)	
						Circulated 36bbls= 85sx	

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	498	☒ Y ☐ N	36	683	0	☒ Y ☐ N	

CEMENT JOB REPORT



CUSTOMER Sheridan Production Co LLC		DATE 08-JAN-10		F.R. # 435410773		SERV. SUPV. WARREN E KENDRICK	
LEASE & WELL NAME NVANU 2-4 - API 30025395240000		LOCATION T17S R34E		COUNTY-PARISH-BLOCK Lea New Mexico			
DISTRICT Hobbs		DRILLING CONTRACTOR RIG # Silver Oak 9		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 FT³	WATER GPS
		Guide Shoe/TX Pat 5-1/2 - 8rd					
MATERIALS FURNISHED BY BJ							
MUD CLEAN II					8.43		50
50 50 10 Poz H Gel+0.2%R-3+0.15%ASA-301+0.5%FL-52A				400	11.8	2.3	13.15
15 61 11Poz H CSE-2+3%Salt+0.6%FL-52A+0.1%SMS+0.6%				100	13.4	1.54	7.73
WATER					8.34		207
Available Mix Water 1000 Bbl.		Available Displ. Fluid 1000 Bbl.		TOTAL		448.2	143.62
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS			
SIZE	%	DEPTH	SIZE	WGT.	DEPTH	GRADE	SHOE
7.875		9044	5.5	17	CSG	9047	J-55
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	4611			5.5	8 RD
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
207	BBLS	WATER	8.34	2076	0	2950	0
MAX TBG PSI		MAX CSG PSI		MIX WATER			
0		0		RIG			
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 4770 PSI	
						CIRCULATING WELL - RIG ☒ BJ ☐	
14:00						ARRIVE ON LOCATION SAFETY MEETING	
21:20						PUMP TEST	
21:25						PRE JOB SAFETY MEETING	
21:39	4770	0	1	1	WATER	PURGE AND TEST LINES	
21:42	521	0	5	50	MUD	SPACER	
21:55	534	0	6	164	CEMENT	LEAD SLURRY *	
22:19	451	0	4.5	28	CEMENT	TAIL SLURRY *	
22:25						WASH LINES	
22:30	1500	0	7.1	197	WATER	DISPLACEMENT	
22:57	1367	0	3	10	WATER	SLOW RATE	
22:59	2076	0				BUMP PLUG	
23:00						BLEED OFF FLOAT OK	
						pH 7, Cl 0-500, So under 200	
						JOB COMPLETE THANK YOU EDDIE 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	2076	☒ Y ☐ N	0	450	0	☒ Y ☐ N	