

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-32243
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. K-4606
7. Lease Name or Unit Agreement Name NVANU "4A"
8. Well No. #2
9. Pool name or Wildcat NORTH VACUUM (ABO)

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator SAGE ENERGY COMPANY	
3. Address of Operator PO Drawer 3068 Midland, Texas 79702	
4. Well Location Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>1</u> Township <u>17-S</u> Range <u>34-E</u> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4035.1 GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. 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.

(SEE ATTACHED PAGES)

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

SIGNATURE Tonya Streun TITLE Production Clerk DATE 12-28-93  
(915) 683-5271  
TYPE OR PRINT NAME Tonya Streun TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE DEC 30 1993

CONDITIONS OF APPROVAL, IF ANY:

SAGE ENERGY COMPANY

NVANU "4A" #2

NVANU "4A" #2 - PETERSON DRILLING - NOVEMBER 30, 1993

KB: 10' 5"

Rig up and spud 17-1/2" hole to 400' KB, POH, RIH with 9 joints of 13-3/8" H-40 ST&C Casing with 5 centralizers as follows:

1	13-3/8" Notched Collar	.70'
1	Jt. 13-3/8" 48# H-40 ST&C (shoe jt)	45.25'
1	Weatherford Insert Float Check Valve	0.00'
8	Jts. 13-3/8" 48# H-40 ST&C Casing	<u>361.57'</u>
9	Joints 13-3/8" Casing	<u>407.52'</u>
	TOTAL	407.52'
	Casing above KB	<u>7.52'</u>
	13-3/8" Casing set at	400.00'

PBTD: 354.05' KB

Rig up BJ Services, pump 400 sxs Class "C" cement with 2% CC and 1/4# Celoflake per sack, drop plug and pump down with 56.8 bbls fresh water, circulate 38 sxs cement. Plug down at 6:15 AM (MST) (12-01-93) WOC, nipple up and continue drilling.

NVANU "4A" #2 - PETERSON DRILLING - DECEMBER 12, 1993

KB: 10.5'

13-3/8" Casing set at 400' KB (17-1/2" hole, circulate cement) Drill 11" hole to 4600' KB, circulate, POH and run 8-5/8" casing with 5 centralizers as follows:

1	8-5/8" Howco Guide Shoe	.81'
1	Jt. 8-5/8" 32# J-55 ST&C Casing (Shoe Jt)	41.85'
1	Howco Float Collar	.82'
53	Jts. 8-5/8" 32# J-55 ST&C Casing	2205.62'
40	Jts. 8-5/8" 24# J-55 ST&C Casing	1654.66'
17	Jts. 8-5/8" 32# J-55 ST&C Casing	<u>707.48'</u>
111	Joints 8-5/8" Casing	<u>4611.24'</u>
	TOTAL	4611.24'
	8-5/8" Casing above KB	<u>29.24'</u>
	8-5/8" Casing set at	4582.00' KB

PBTD: 4538.52' KB

RU Halliburton to cement as follows: Lead with 1950 sxs HLW with 15# Salt and 1/4# Flocele per sack. Tail in with 250 sxs Premium Plus with 2% CC and 1/4# Flocele per sack. Displace with 138 bbls fresh water, circulate 138 sxs cement. Plug down at 1:15 AM (12-12-93) Nipple up, WOC 12 hours and return to drilling.

NVANU "4A" #2 - PETERSON DRILLING - DECEMBER 23, 1993

KB: 10.5'

13-3/8" Casing set at 400' KB (17-1/2" hole, circulate cement)

8-5/8" Casing set at 4582' KB (11" hole, circulate cement)

TD: 8790' KB

Hole Size: 7-7/8"

Drilled to TD, circulate, POH to run 4-1/2" casing with 12 centralizers as follows:

1	Weatherford Float Shoe	1.40'
1	Jt. 4-1/2" 11.6# N-80 LT&C (Shoe Jt)	42.62'
1	Weatherford Float Collar	1.40'
8	Jts. 4-1/2" 11.6# N-80 LT&C Casing	333.16'
1	Jt. 4-1/2" 11.6# N-80 LT&C (Marker Jt)	21.25'
39	Jts. 4-1/2" J-55 11.6# LT&C Casing	1622.72'
110	Jts. 4-1/2" J-55 10.5# ST&C Casing	4675.00'
51	Jts. 4-1/2" J-55 11.6# LT&C Casing	2121.08'
210	Joints 4-1/2" Casing	8818.63'
	4-1/2" Casing above 10.5' KB	18.21'
	4-1/2" Casing set at	8800.42' KB

PBTD: 8755.00' KB

Casing Sand blasted and centralized thru pay zone, pump 500 gals mud flush, pumped 350 sxs Class "H" 50/50 Poz with 3# KCL, 1/4# Celoflake, 4/10th of 1% FL-28 per sack, flush with 137.4 bbls of fresh water. Plug down at 2:30 PM (12-23-93) Nipple down, set slips and released rig.

TOC at 7125' GL by Temperature Survey.