

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. 30-025-32247
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. K-5029
7. Lease Name or Unit Agreement Name NVANU "19"
8. Well No. 3
9. Pool name or Wildcat NORTH VACUUM ABO
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4040.4' GR

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	2. Name of Operator SAGE ENERGY COMPANY	3. Address of Operator PO DRAWER 3068 MIDLAND, TEXAS 79702	4. Well Location Unit Letter I : 1980 Feet From The South Line and 467 Feet From The East Line Section 2 Township 17S Range 34E NMPM Lea County
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11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <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 1-18-94  
TYPE OR PRINT NAME Tonya Streun TELEPHONE NO. (915) 683-5271

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JAN 20 1994

CONDITIONS OF APPROVAL, IF ANY:

# SAGE ENERGY COMPANY

## NVANU "19" #3 CASING STRINGS

### NVANU "19" #3 - PETERSON DRILLING - DECEMBER 26, 1993

Rig up and spud 17-1/2" hole to 404' KB, POH with drill string, 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" H-40 ST&C (Shoe Jt)	45.35'
1	Weatherford 13-3/8" Insert Float	0.00'
8	Jts. 13-3/8" H-40 48# ST&C Casing	361.88'
9	Joints 13-3/8" Casing	407.93'
	13-3/8" Casing above KB	3.93'
	13-3/8" Casing set at	404.00' KB

PBTD: 357.95' KB

RU BJ Services, pumped 400 sxs Class "C" with 2% CC and 1/4# Celoflake per sack, pumped plug down with 56.8 bbls fresh water (circulated cement) Plug down at 9:00 AM (12-26-93) WOC, nipple up and continue drilling operations, circulated 39 sxs cement.

### NVANU "19" #3 - PETERSON DRILLING - JANUARY 5, 1994

KB: 10.5'

TD: 4590' KB

13-3/8" Casing set at 404' KB (17-1/2" hole, circulate cement)  
Drilled 11" hole to 4590' KB, circulate, POH and ran 8-5/8" casing with 5 centralizers as follows:

1	8-5/8" Weatherford Guide Shoe	1.32'
1	8-5/8" 32# J-55 ST&C Casing (shoe jt)	37.15'
1	Weatherford 8-5/8" Float Collar	1.72'
54	Jts. 8-5/8" 32# J-55 ST&C Casing	2187.88'
39	Jts. 8-5/8" 24# J-55 ST&C Casing	1636.44'
18	Jts. 8-5/8" 32# J-55 ST&C Casing	732.12'
112	Jts. 8-5/8" Casing	4596.63'
	Casing above KB	7.63'
	8-5/8" Casing set at	4589.00'

PBTD: 4548.81'

RU BJ Services to cement as follows: Lead with 1950 sxs Class "C" Lite with 6% Gel, 15# A-7 (Salt) and 1/4# Celoflake per sack. Tail in with 250 sxs Class "C" with 2% CC (A-7) and 1/4# Celoflake per sack. Pumped rubber plug with 281.9 bbls fresh water, plug down at 7:00 AM (1-6-94) Circulate 187 sxs cement, nipple up, WOC 12 hours - test BOP, return to drilling.

NVANU "19" #3 - PETERSON DRILLING - JANUARY 17, 1994

KB: 10.5'

13-3/8" Casing set at 404.00' KB (17-1/2" hole, circ. cement)

8-5/8" Casing set at 4589.00' KB (11" hole, circulate cement)

Driller's TD: 8800' 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" N-80 11.6# LT&C (Shoe Jt)	40.66'
1	Weatherford Float Collar	1.40'
8	Jts. 4-1/2" 11.6# N-80 LT&C Casing	329.77'
1	Jt. 4-1/2" 11.6# N-80 (Marker Jt)	21.59'
38	Jts. 4-1/2" 11.6# J-55 LT&C Casing	1580.23'
110	Jts. 4-1/2" 10.5# J-55 ST&C Casing	4648.03'
53	<u>Jts. 4-1/2" 11.6# J-55 LT&amp;C Casing</u>	<u>2207.23'</u>
221	Jts. 4-1/2" Casing	8830.31'
	4-1/2" Casing above KB	<u>9.31'</u>
	4-1/2" Casing set at	8821.00' KB

PBTD: 8777.54' KB

Casing sandblasted and centralized thru pay zone, RU BJ Services, pumped 500 gals mud flush then 350 sxs Class "H" with 50/50 Pos and 3# KCL, 1/4# Celoflake, 4/10th of 1% FL-28 per sack. Flush with 137.5 bbls of fresh water. Plug down at 7:30 AM (1-17-94) Nipple down, set slips and released rig. TOC at 7417' by temperature survey.