

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.	30-025-31341
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	NM - 4160
7. Lease Name or Unit Agreement Name	
NVANU "5" B	
8. Well No.	2
9. Pool name or Wildcat	North Vacuum (Abo)
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
4022' 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 <input type="checkbox"/>	2. Name of Operator Sage Energy Company	3. Address of Operator P. O. Drawer 3068, Midland, TX 79702	4. Well Location Unit Letter 0 : 660 Feet From The South Line and 1980 Feet From The East Line Section 1 Township 17S Range 34E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4022' GR			

11. 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 ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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 PAGE)

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

SIGNATURE Billie Baker TITLE Production Clerk DATE 8-30-91
TYPE OR PRINT NAME Billie Baker TELEPHONE NO. (915) 683-527

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NVANU "5-B" #2 - STERLING DRILLING RIG #3 - AUGUST 9, 1991

KB: 12'

Hole Size: 17-1/2"

TD: 434' KB

Drilled to TD, POH with drill pipe and RIH with 13-3/8" 48# WC30 short thread and collars casing as follows:

1 - 13-3/8" Notched collar	.67
1 - 13-3/8" 48# WC30 ST&C (shoe jt)	45.36
9 - 13-3/8" 48# WC30 ST&C	392.43

10 - Jts 13-3/8" pipe	438.46
Pipe above KB	4.46

13-3/8" casing set at	434.00
PBTD at	387.97

Rig up Haliburton to cement with 420 sxs Class 'C' with 2% CaCl and 1/4# Flocele per sack. Pump plug down with 61 bbls fresh water flush (circulated cement). Plug down at 1:45 PM 8-9-91.

NVANU "5-B" #2 - STERLING DRILLING RIG #3 - AUGUST 19, 1991

KB: 12'

13-3/8" Casing at 438' KB (17-1/2" hole, circulate cement)

Hole Size: 11" TD at 4615' KB

Drilled to TD, circulate, POH to run 8-5/8" Casing as follows:

1 Howco Guide Shoe	.85'
1 Jt. 8-5/8" 32# ST&C (Shoe Jt)	42.86'
1 Howco Float Collar	.90'
57 Jts. 8-5/8" 32# ST&C Casing	2393.45'
42 Jts. 8-5/8" 24# ST&C Casing	1800.13'
9 Jts. 8-5/8" 32# ST&C Casing	384.19'
109 Jts. TOTAL	4622.38'

8-5/8" Casing above KB	17.38'
8-5/8" Casing set at	4605.00' KB

6 Centralizers used. 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 Class "P" Plus with 2% CC per sack. Pumped plug down with 284 bbls fresh water. Plug down at 3:45 AM (08-19-91) Circulated 175 sxs cement, nipple up, WOC 12 hours and test. Returned to drilling operations.

RECEIVED

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ROBTS 1011 26

NVANU "5-B" #2 - STERLING DRILLING RIG #3 - AUGUST 30, 1991

KB: 12'

13-3/8" csg @ 434' KB (17-1/2" hole - circ. cmt)

8-5/8" csg @ 4615' KB (11" hole - circ. cmt)

TD: 8770' KB

Hole size: 7-7/8"

Drill to TD, circ, POH to run 4-1/2" csg as follows:

1	HOWCO Floatshoe	1.20'
1	Jt 4-1/2" 11.6# LT&C (shoe jt)	32.82'
1	HOWCO Floatcollar	.81'
10	Jts 4-1/2" 11.6# LT&C csg	428.73'
1	Jt 4-1/2" 11.6# LT&C (marker jt)	32.00'
38	Jts 4-1/2" 11.6# LT&C csg	1627.88'
106	Jts 4-1/2" 10.5# ST&C csg	4476.97'
51	Jts 4-1/2" 11.6# LT&C csg	2175.02'
207	Jts	8775.43'
	Total	
	4-1/2" csg above KB	5.43'
	4-1/2" csg set @	8770.00' KB
	PBTD @	8735.17' KB

12 centralizers used & csg was sandblasted. Csg reciprocated during cementing. RU Halliburton to cement as follows: Pump 500 gals Super Flush 102. Cement with 300 sxs Class "C" 50/50 Poz, with 4/10 of 1% Halad 9, 1/4# Flocele, and 3#KCl per sx. Pump plug down with 136 bbls fresh water. Plug down @ 12:30 AM (8-30-91). Nipple down and set slips. Release rig @ 4:30 AM (08-30-91) TOC @ 7500' by temperature survey.