

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|---|---|---|
| ¹ Operator Name and Address Sage Energy Company P. O. Box 3068 Midland, Texas 79702 | | ² OGRID Number 20054 |
| ³ Property Code 27892 | ⁴ Property Name Sagebrush | ⁵ API Number 30-025-35513 |
| | | ⁶ Well No. 1 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F | 6 | 17S | 35E | | 1650 | North | 1650 | West | Les |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | |
|---|---|
| ⁹ Proposed Pool 1 Vacuum Atoka/Morrow, <i>North</i> | ¹⁰ Proposed Pool 2 Vacuum Abo |
|---|---|

| | | | | |
|-----------------------------------|---|---|-------------------------------------|--|
| ¹¹ Work Type Code N | ¹² Well Type Code G | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 4023 |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 12,800' | ¹⁸ Formation Atoka/Morrow | ¹⁹ Contractor Unknown | ²⁰ Spud Date 8-1-2001 |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17 1/2" | 13 3/8" | 54.5# | 400' | 400 | Surface |
| 11" | 8 5/8" | 32# & 36# | 4900' | 1700 | Surface |
| 7 7/8" | 5 1/2" | 17# | 12,800' | 1400 | 4000' |
| | | | | | |
| | | | | | |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

New drill to test the Atoka/Morrow zones. One(1) DST planned in Atoka, if Morrow is present then one(1) DST in Morrow. Run logs, run production casing if logs indicate.

4 1/2" drill pipe rams. Set of blanks.
BOP System. Hydril clamped around Kelly.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

| | | | |
|---|--|--|------------------|
| ²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Lee Patrick</i> | | OIL CONSERVATION DIVISION | |
| Printed name: Lee Patrick | | Approved by: <i>ORIGINAL SIGNED BY</i> | |
| Title: Division Landman | | Title: <i>GEORGE HARRIS</i> | |
| Date: 4-11-2001 | | Approval Date: <i>APR 17 2001</i> | Expiration Date: |
| Phone: 210-404-2828 | | Conditions of Approval: | |
| | | Attached <input type="checkbox"/> | |

For additional info contact
George Harris, Engineer, Midland, 915-683-5271



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|---|---|---------------------------------|---|
| ¹ API Number 30-025-35513 | | ² Pool Code 86800 | ³ Pool Name North Vacuum Atoka-Morrow |
| ⁴ Property Code 27892 | ⁵ Property Name Sagebrush | | ⁶ Well Number 1 |
| ⁷ OGRID No. 20054 | ⁸ Operator Name Sage Energy Company | | ⁹ Elevation 4023' |

¹⁰ Surface Location

| | | | | | | | | | |
|--------------------|--------------|-------------------|----------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. F | Section 6 | Township -17-S | Range -35-E | Lot Idn | Feet from the 1650 | North/South line North | Feet from the 1650 | East/West line West | County Lea |
|--------------------|--------------|-------------------|----------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

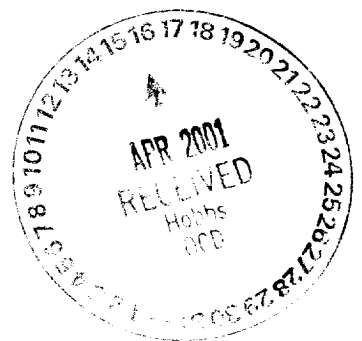
¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

| | | | |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 320 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | |
|---|--|--|--|
| ¹⁶ | | | |
| ¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Lee Patrick Printed Name Division Landman Title April 11, 2001 Date | | | |
| ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. April 3, 2001 Date of Survey Signature and Seal of Professional Surveyer: Max A. Schumann, Jr. Certificate Number 1510 | | | |



SAGE ENERGY COMPANY

13-5/8" 3M / 5M Blow-Out Preventer

