

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  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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

<sup>1</sup> Operator Name and Address Home-Stake Oil & Gas Company 15 E. 5 <sup>th</sup> Street Suite 2800 Tulsa, OK 74103		<sup>2</sup> OGRID Number 163123
		<sup>3</sup> API Number 30-025-35250
<sup>3</sup> Property Code 25920	<sup>5</sup> Property Name Keohane	<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	22S	37E		1890	South	2310	East	Lea

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 South McCormack Silurian - Pool Code 45430					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3316'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 7500'	<sup>18</sup> Formation Fusselman	<sup>19</sup> Contractor Patterson Drlg Co.	<sup>20</sup> Spud Date Est 6/1/2000

<sup>21</sup> 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"	48#	400'	425	Surface
11"	8-5/8"	32#	3400'	2300	Surface
7-7/8"	5-1/2"	15.5#	7500'	1100	3000'

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.

1. Drill 17-1/2" hole to 400' & set 13-3/8" surface casing. Circulate cement to surface. No BOP.
2. Drill 11" hole to 3400' using 13-5/8" 3000 psi BOP. Set 8-5/8" intermediate casing & circulate cement to surface.
3. Drill 7-7/8" hole to TD using 13-5/8" 3000 psi BOP. Run electric logs. Set 5-1/2" casing & cement with coverage to 3000'.
4. Test well as necessary w/ 7-1/16" 3000 psi BOP.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Larry Tarwater*

Printed name: Larry Tarwater

Title: Production Engineer

Date: 5-26-2000

Phone: (918) 583-0178 ext. 17

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: 5/26/2000

Expiration Date:

Conditions of Approval:

Attached ☐

*BMP*

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV  
P.O. Box 2088, Santa Fe, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-35050</b>	Pool Code 45430	Pool Name McCormack; Silurian, South
Property Code <b>25920</b>	Property Name KEOHANE	Well Number 1
OGRID No. 163123	Operator Name HOME-STAKE OIL & GAS COMPANY	Elevation 3316

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	22 S	37 E		1890	SOUTH	2310	EAST	LEA

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
Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Ronald J. Eidson Printed Name Agent Title 5/30/2000 Date
	<b>SURVEYOR CERTIFICATION</b>  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.  MAY 23, 2000 Date Surveyed LMP Signature & Seal of Professional Surveyor  00-11-0666 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON-MCDONALD 12185

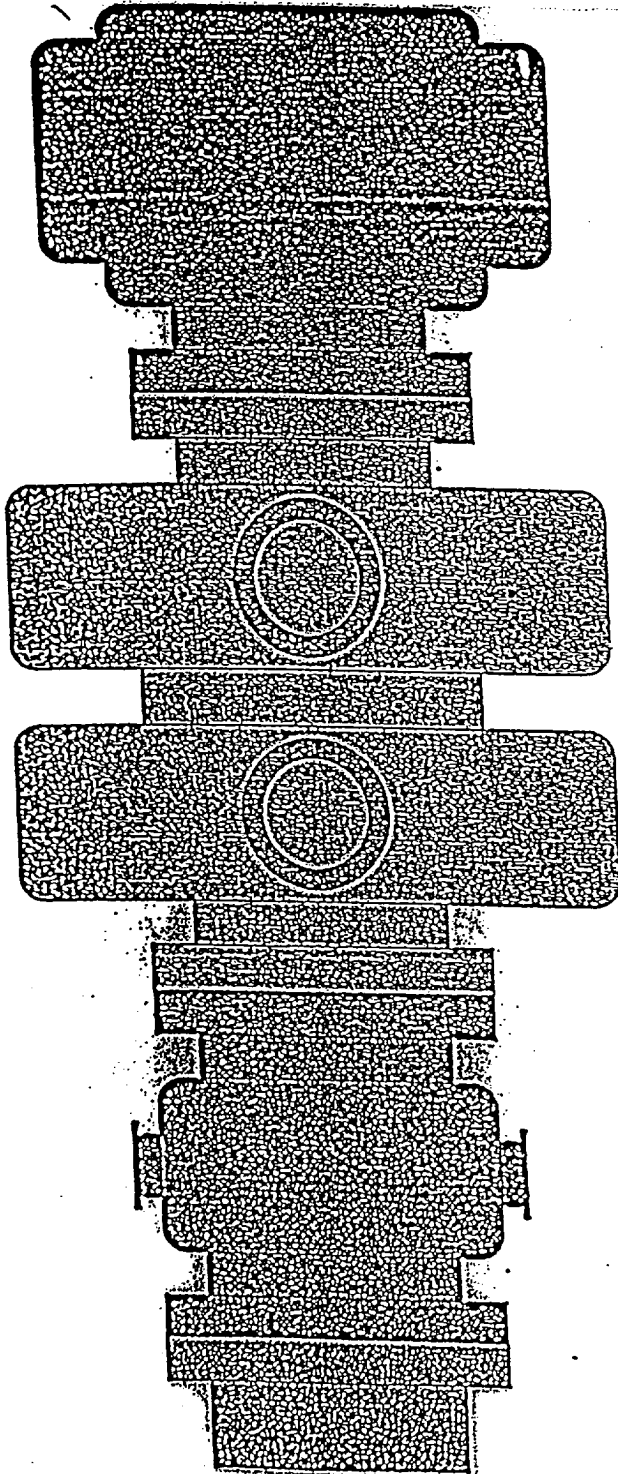


**HOME-STAKE OIL & GAS COMPANY**  
**APPLICATION FOR PERMIT TO DRILL**

WELL: KEOHANE #1  
LOCATION: UL 'J' Section 26 - T22S - R37E

COUNTY: Lea  
OGRID: 163123

**TYPICAL BLOWOUT PREVENTOR LAYOUT**



11" - 3,000 PSI ANNULAR BOP

11" - 3,000 PSI DOUBLE RAM BOP

DRILLING SPOOL W/CHOKE & KILL LINES

ELF \_\_\_\_\_  
ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

▲  
MAY 2000  
**Received**  
Hobbs  
OCD