

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 12, 1999

District II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

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

2040 South Pacheco  
Santa Fe, NM 87505

State Lease - 6 Copies

Fee Lease - 5 Copies

District IV  
2040 South Pacheco, Santa Fe, NM 87505

☐ 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 and Gas Company Parkway Center II - 2805 North Dallas Parkway - Suite 100 Plano, Texas 75093		<sup>1</sup> OGRID Number 163123
		<sup>1</sup> API Number 30 - 025-35484
<sup>1</sup> Property Code 25170	<sup>1</sup> Property Name Shirley Boyd	<sup>1</sup> Well No. 2

<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
G	26	22S	37E		2310	North	2277	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	<sup>10</sup> Proposed Pool 2
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<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 3312'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 7500'	<sup>18</sup> Formation Fusselman	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date Est 4/15/2001

<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'	1000	Surface
7-7/8"	5-1/2"	15.5#	7500'	1100	3000'

<sup>22</sup> 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 and 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: *Steve Smith*

Printed name: *Steve Smith*

Title: *Production Engineer*

Date: *3/20/01*

Phone: *972-781-6595*

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval  
Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

**SECRET**  
P.A. GROUP INC. 4000 10th Ave. S.W. 98111-4719

**1000 E. Kansas Rd., Astoria, OR 97103**

**REFERENCE:**  
 2040 South Parkway, Santa Fe, NM 87505

**OIL CONSERVATION DIVISION**  
**2040 South Pacheco**  
**Santa Fe, NM 87505**

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35484	Pool Code 45430	Pool Name South McCormack Silurian	
Property Code 25170	Property Name Shirley BOYD		Well Number 2
OGUID No. 163123	Operator Name Home-Stake Oil & Gas Company		Elevation 3312

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	26	22 S	37 E		2310	NORTH	2277	EAST	LEA

### Bottom Hole Location If Different From Surface

U/L or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	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

22	23	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p style="text-align: right;"><u>Stephen P. Smith</u> Signature</p> <p style="text-align: right;"><u>Steve Smith</u> Printed Name</p> <p style="text-align: right;"><u>Production Engineer</u> Title</p> <p style="text-align: right;"><u>3/20/01</u> Date</p>
27	28	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p style="text-align: right;">Date Surveyed <u>March 12, 2001</u></p> <p style="text-align: right;">Signature <u>[Signature]</u> <span style="float: right;">LVA</span></p> <p style="text-align: right;">Professional Seal of 12185</p> <p style="text-align: right;">W.O. Num. <u>2001-0278-S</u></p> <p style="text-align: right;">Certification No. <u>MACON McDONALD</u> 12185</p>

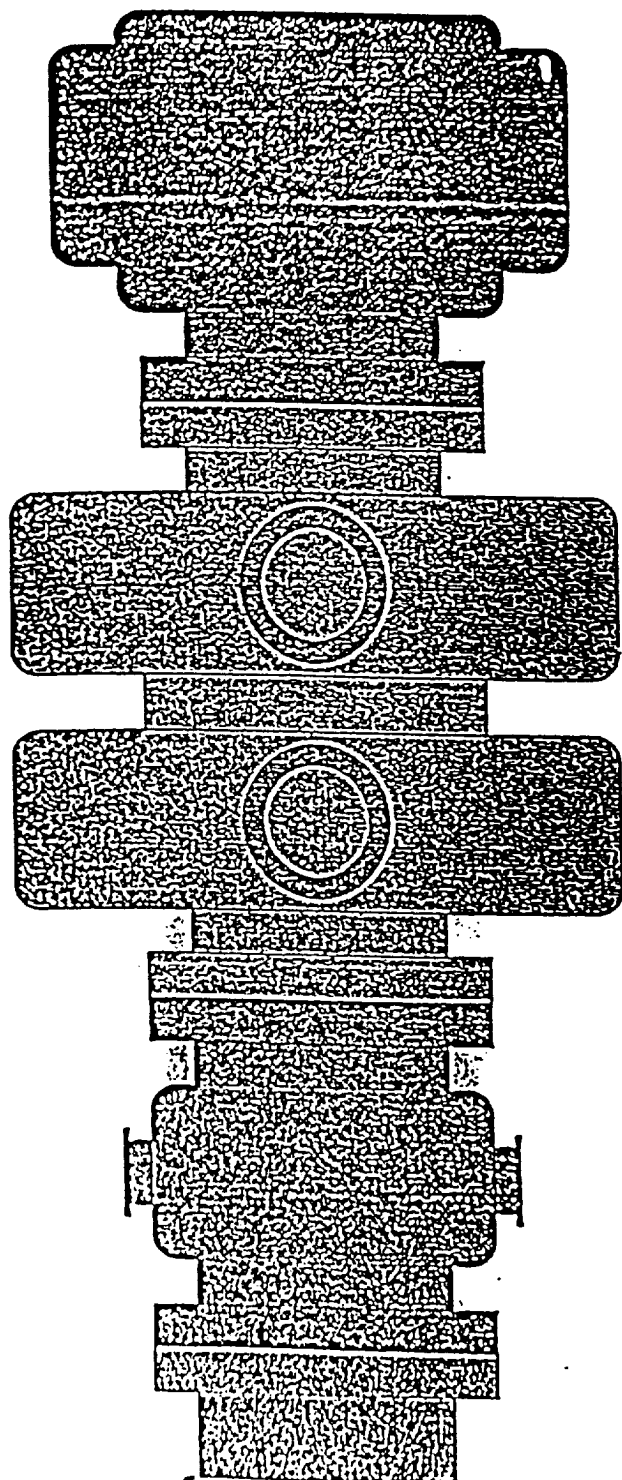


HOME-STAKE OIL & GAS COMPANY  
APPLICATION FOR PERMIT TO DRILL

WELL: SHIRLEY BOYD #2  
LOCATION: ULL'G' Section 26 - T22S - R37E

COUNTY: Lea  
OGRID: 163123

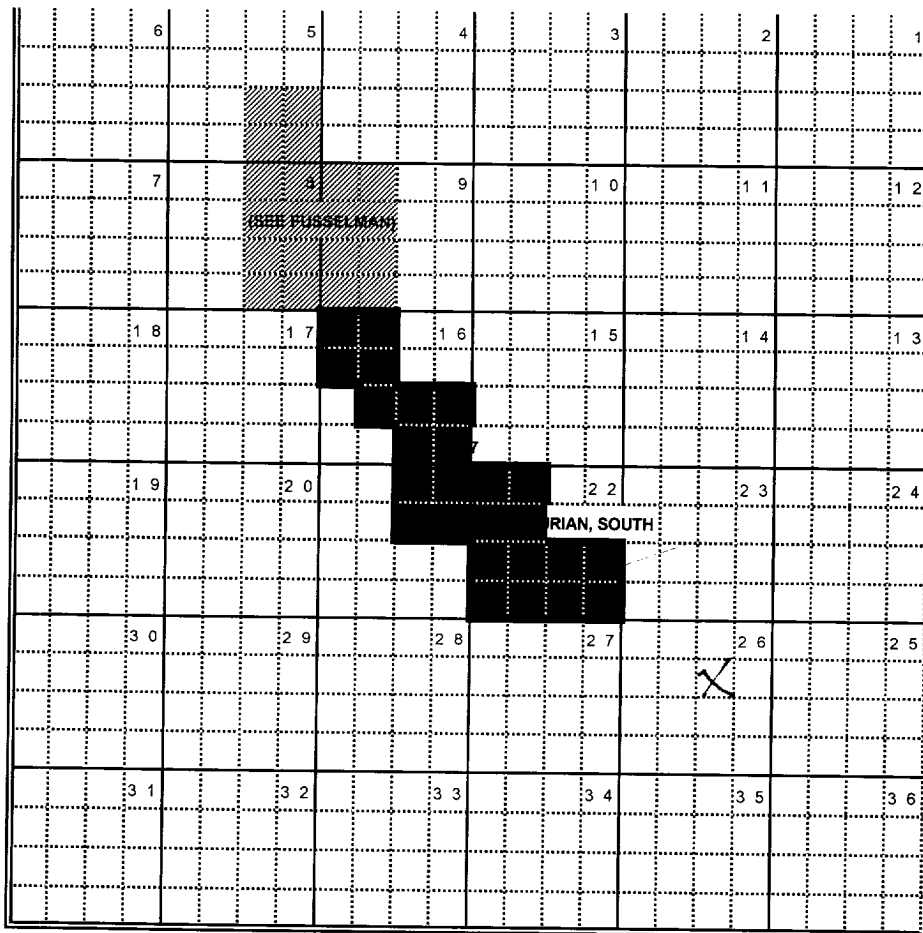
TYPICAL BLOWOUT PREVENTOR LAYOUT



11" - 3,000 PSI ANNULAR BOP

11" - 3,000 PSI DOUBLE RAM BOP

DRILLING SPOOL W/CHOKE & KILL LINES



45430  
 40ac  
 187 bopad

ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

ELF

*[Handwritten signature]*