

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-101
Revised October 18, 1994
Instructions on back
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. HOME-STAKE OIL & GAS COMPANY 15 E. 5th STREET, SUITE 2800 TULSA, OK 74103-4311 (918) 583-0178 ext.17		² OGRID Number 163123 ³ API Number 30-025-34611
⁴ Property Code 23630	⁵ Property Name Sarah Johnston	⁶ Well No. 2

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
J	22	22S	37E		1600	SOUTH	2288	EAST	LEA

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 McCORMACK: SILURIAN, SOUTH					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3351'
¹⁶ Multiple N	¹⁷ Proposed Depth 7500'	¹⁸ Formation FUSSELMAN	¹⁹ Contractor UNKNOWN	²⁰ Spud Date MAY 1, 1999

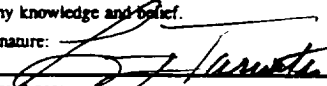
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	425 Sx	SURFACE
11"	8-5/8"	32#	3000'	2295 Sx	SURFACE
7-7/8"	5-1/2"	14# & 15.5#	7500'	234 Sx	6500'

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" CASING, CIRCULATE CEMENT TO SURFACE_ NO BOP.
2. DRILL 12-1/4" HOLE TO BASE OF ANHYDRATE @ 2800'. SET 8-5/8" CASING, CIRCULATE CEMENT TO SURFACE. 13-5/8" 3000 PSI BOP.
3. DRI'L 7-7/8" HOLE TO TD, SET 5-1/2" CASING, CEMENT W/+1,000' COVERAGE. 13-5/8" 3000 PSI BOP.
4. TEST WELL AS NECESSARY W/7-1/16" 3000 PSI BOP.

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:  Printed name: Larry Tarwater #11 Title: Production Engineer	OIL CONSERVATION DIVISION Approved by: _____ Title: _____ Approval Date: _____ Expiration Date: _____
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CC

MP

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

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94

Instructions on back

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

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

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

☐ AMENDED REPORT

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-34611		2 Pool Code 45430		3 Pool Name McCORMACK, SILURIAN SOUTH	
4 Property Code 16312323630		5 Property Name SARAH JOHNSTON			6 Well Number 2
7 OGRID No. 163123		8 Operator Name HOME-STAKE OIL & GAS COMPANY			9 Elevation 3351'

"0 SURFACE LOCATION

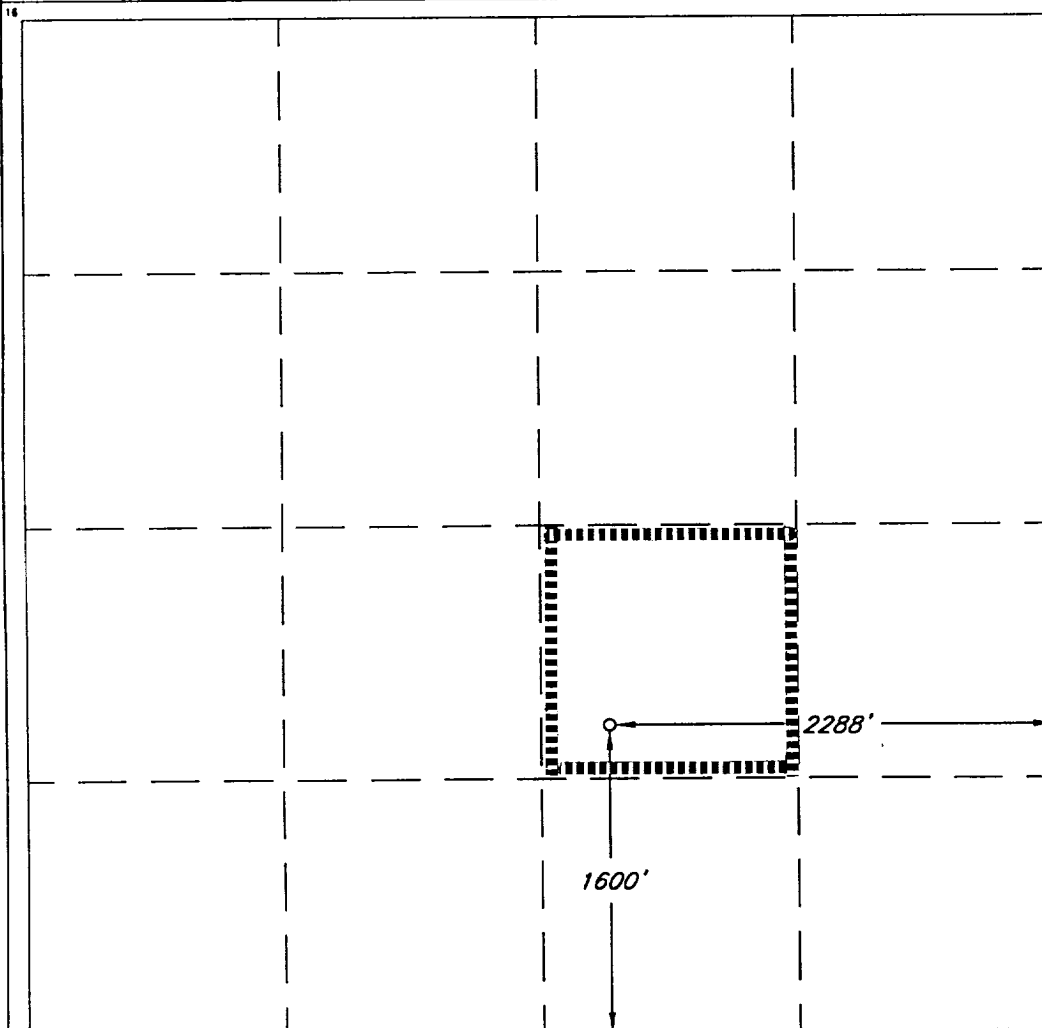
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	22	22 SOUTH	37 EAST, N.M.P.M.		1600'	SOUTH	2288'	EAST	LEA

" BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

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

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No. NSL-4259
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Signature

[Signature]

Printed Name

Larry Tarwater

Title

Production Engineer

Date

April 6, 1999

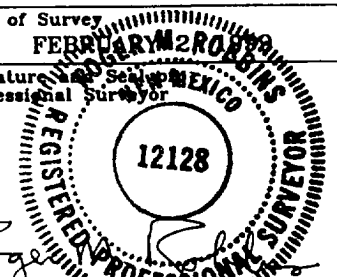
SURVEYOR CERTIFICATION

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.

Date of Survey

FEBRUARY 20, 1999

Signature of Registered Professional Surveyor



Certificate No.

ROGER M. ROBBINS P.S. #12128

100 #62173 / 45 SW / VHR