



The Home-Stake Royalty Corporation  
The Home-Stake Oil & Gas Company  
15 East 5<sup>th</sup> Street, Suite 2800  
Tulsa, Oklahoma 74103-4311

918-583-0178  
1-800-677-0178  
FAX- 918-583-0237

**FACSIMILE COVER SHEET**

No. of Pages: 3  
(incl cover)

Date: 11/7/97

To: Name Michael Stogner  
Company State of New Mexico Oil & Gas Conservation Division  
Department Engineering  
FAX Number (505) 827-1389

Confirmation requested (Y/N) Y

Note To Recipient:

Copies of Forms C-101 and C-102 we inadvertently left off of the application for an unorthodox location for the Republic No. 1-5 in Lea County, New Mexico which was sent to you on 11-6-97 by certified mail. Please attach the faxed copies of the forms to the application when you receive it. Both Texaco and Arch were faxed copies for their files

Thanks

Howard *HG*

From: Howard E. Gray  
Vice President of Operations  
The Home-Stake Companies

This facsimile contains privileged and confidential information intended only for the use of the addressee(s) name above. If you are not the intended recipient of this facsimile, or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination or copying of this facsimile is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone and return the original facsimile to us at the above address via the U. S. Postal Service. Thank You.

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

Operator Name and Address: THE HOME-STAKE ROYALTY CORPORATION 15 E. 5th Street, Suite 2800 Tulsa, OK 74103-4311		OGRID Number 163123
Property Code 21057		API Number 30-025-34043
Property Name REPUBLIC		Well No. 1-#

918-583-0178

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
G	5	22S	37E		1650'	North	1650'	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
Proposed Pool 1 BRUNSON (FUSSELMAN)					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3438'
Multiple N	Proposed Depth 7500'	Formation Fusselman	Contractor Unknown	Spud Date June 15, 1997

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
12-1/4"	8-5/8"	32#	3600'	2295 Sx	Surface
7-7/8"	5-1/2"	14# & 15.5#	7500'	234 Sx	6500' <i>JK</i>

\* 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 anhydrite @ 3000'-3800'. Set 8-5/8" casing, circulate cement to surface. 13-5/8" 3000 PSI BOP.
3. Drill 7-7/8" hole to TD, set 5-1/2" casing, cement w/± 1000' coverage. 13-5/8" 3000 PSI BOP.
4. Test well as necessary w/7-1/16" 3000 PSI BOP.

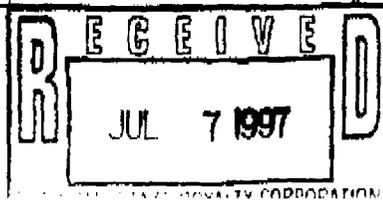
*\* MUST BRING CEMENT ABOVE 3600'*

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

Signature: *Howard E. Gray*  
Printed name: Howard E. Gray  
Title: Vice-President of Operations

OIL CONSERVATION DIVISION	
Approved by: <i>[Signature]</i>	Title: <i>Geologist</i>
Approval Date: <i>8-1-97</i>	Expiration Date:

Permit Expires 1 Year From Approval  
Date Expires: *August 1, 1998*



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

* API Number <b>30-025-34043</b>		* Pool Code 8005	* Pool Name BRUNSON (FUSSELMAN)
* Property Code <b>21057</b>	* Property Name REPUBLIC		* Well Number <b>1-8</b>
* OGRID No. <b>163123</b>	* Operator Name THE HOMESTAKE ROYALTY CORPORATION		* Elevation 3438'

#### " SURFACE LOCATION

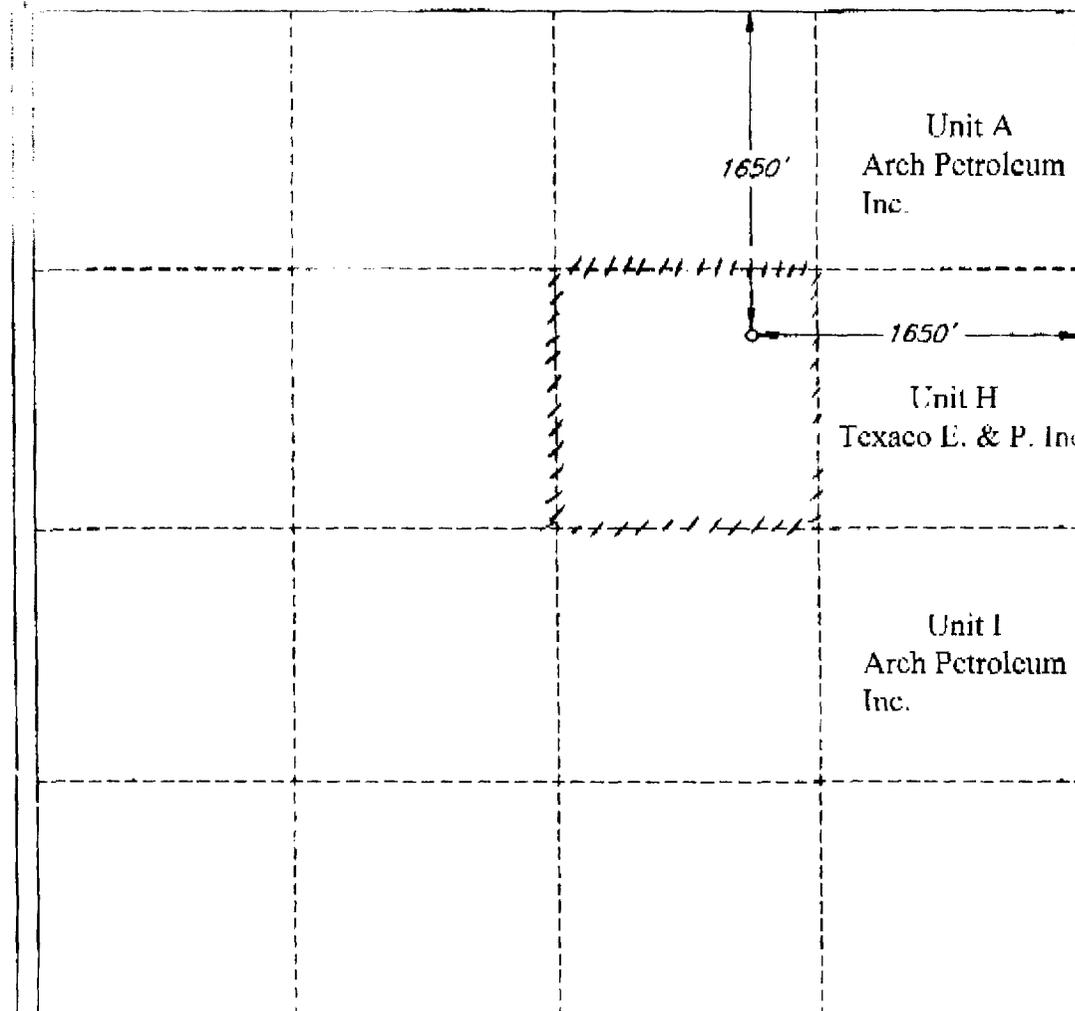
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
G	5	22 SOUTH	37 EAST, N.M.P.M.		1650'	NORTH	1650'	EAST	LEA

#### " BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

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

* Dedicated Acres 40	* Joint or Infill N	* Consolidation Code NA	* Order No. NA
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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: *Howard E. Gray*  
 Printed Name: Howard E. Gray  
 Title: Vice President of Operations  
 Date: \_\_\_\_\_ 1997

#### 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: **MAY 20, 1997**  
 Signature: *V. Lynn Bezner*  
 Printed Name: V. LYNN BEZNER  
 No. 7920  
 State of New Mexico  
 Surveyor  
 V. L. BEZNER  
 S.P.S. #7920