

District I - (505) 393-6161

1625 N. French Dr

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV - (505) 827-7131

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

NOV 23 1999

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Home-Stake Oil & Gas Company 15 E. 5 th Street Suite 2800 Tulsa, OK 74103								OGRID Number 163123	
Contact Party Larry Tarwater								Phone (918) 583-0178 ext 17	
Property Name H S O G						Well Number 2		API Number 30-025-34715	
UL "P"	Section 22	Twnship 22 S	Range 37 E	Feet From The 450	North/South Line South	Feet From The 940	East/West Line East	County LEA	

II. Date/Time Information

Spud Date 10-8-1999	Spud Time 2:45 am	Date Completed 11/5/1999	Pool South McCormack, Silurian
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of Oklahoma)

ss.

County of Tulsa)

Larry Tarwater being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature Larry Tarwater Title Production Engineer Date 11-22-99

SUBSCRIBED AND SWORN TO before me this 22nd day of November, 99.

Debra W. Langley
Notary Public

My Commission expires: 7/31/2002

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Gehring</u>	Title <u>P.E. Spec.</u>	Date <u>1-4-00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

1/4/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PV2V2007242264

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30 - 025 - 34715
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		7. Lease Name or Unit Agreement Name: HSOG
2. Name of Operator ✓HOME-STAKE OIL & GAS COMPANY	8. Well No. 2	
3. Address of Operator 15 E. 5 th Street Suite 2800 Tulsa, OK 74103	9. Pool name or Wildcat South McCormack Silurian	
4. Well Location Unit Letter <u>P</u> : <u>450</u> feet from the <u>SOUTH</u> line and <u>940</u> feet from the <u>EAST</u> line Section <u>22</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>LEA</u>		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3337' GR 3353' KB		

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Well spud at 2:45 am 10/8/99.
17-1/2" hole drilled to 398'.
13-3/8" 48# H-40 surface casing set @ 398' and cemented by BJ Services with 440 sacks Class "C" cmt with 2% CaCl (yield 1.35 cf/sk, 14.8 ppg.) Displaced to shoe with 57 bbls fresh water. Circulated 30 bbls cement slurry to reserve pit. Plug down at 11:45 pm 11/8/99.
WOC 18 hrs. Tested casing & BOP to 500 psi - OK. Estimated temp of cmt slurry at surface = 70 degrees.
Estimated temp of cmt slurry at 398' = 63 degrees. Estimated compressive strength = 1900 psi/16 hrs per BJ charts.

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

SIGNATURE Larry Tarwater TITLE Production Engineer DATE 11/8/99

Type or print name Larry Tarwater Telephone No. (918) 583-0178

(This space for State use)

ORIGINAL SIGNED BY CHRIS WILLIAMS

APPROVED BY DISTRICT I SUPERVISOR TITLE DATE NOV 16 1999

Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs; NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30 - 025 - 34715
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator HOME-STAKE OIL & GAS COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator 15 E. 5 th Street Suite 2800 Tulsa, OK 74103		7. Lease Name or Unit Agreement Name: HSOG
4. Well Location Unit Letter <u>P</u> : <u>450</u> feet from the <u>SOUTH</u> line and <u>940</u> feet from the <u>EAST</u> line Section <u>22</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well No. <u>2</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3337' GR 3353' KB		9. Pool name or Wildcat South McCormack Silurian

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

11" hole drilled to 3415'.

8-5/8" 32# J-55 intermediate casing run and set @ 3415'. Cemented by BJ Services with 600 sacks 35/65 Class 'C' Poz with 6% gel, 5% NaCl (yield 1.90 cf/sk, 12.8 ppg) plus 200 sacks Class 'C' with 1% CaCl, (yield 1.34 cf/sk, 14.8 ppg.) Total slurry = 240 bbls.

Displaced to shoe with 206 bbls fresh water. Plug down at 11:00 pm 10/16/99. Full circulation throughout cement job - did not circulate cement to surface. WOC 18-1/2 hrs. Test casing to 1000 psi. Estimated temperature of slurry at surface = 70 degrees. Estimated temperature of slurry at 3415' = 93 degrees. Estimated compressive strength = 1100 psi after 16 hours per BJ Services charts.

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

SIGNATURE Larry Tarwater TITLE Production Engineer DATE 11/8/99

Type or print name Larry Tarwater Telephone No. (918) 583-0178

(This space for State use)

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE NOV 16 1999

Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.	30 - 025 - 34715
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name:	HSOG
8. Well No.	2
9. Pool name or Wildcat	South McCormack Silurian

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator	HOME-STAKE OIL & GAS COMPANY
3. Address of Operator	15 E. 5 th Street Suite 2800 Tulsa, OK 74103
4. Well Location	Unit Letter <u>P</u> : <u>450</u> feet from the <u>SOUTH</u> line and <u>940</u> feet from the <u>EAST</u> line Section <u>22</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>LEA</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3337' GR 3353' KB	

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

7-7/8" hole drilled to 7425' and electric logs run.

5-1/2" 15.5# K-55 production casing run and set @ 7423'. Cemented by BJ Services in two stages:

Stage 1: 425 sacks Class 'C' (yield 1.38 cf/sk, 14.8 ppg.) Displaced w/ 39 bbls KCl water plus 136 bbls mud.

Stage 2: Circulate 4 hrs through DV tool @ 5707' and cemented with 275 sacks 35/65 Poz/Class 'C' (12.5 ppg) plus 150 sacks Class 'C' (yield 1.34 cf/sk, 14.8 ppg.) Displaced with 136 bbls KCl water.

Plug down at 10:00 am 10/26/99. Full circulation throughout cement job - did not circulate cement to surface.

Bumped plug with 2600 psi. Released Patterson Rig 54 at 5:00 pm 10/26/99.

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

SIGNATURE Larry Tarwater TITLE Production Engineer DATE 11/8/99

Type or print name Larry Tarwater Telephone No. (918) 583-0178

(This space for State use)

ORIGINAL SIGNED BY CHRIS WILLIAMS
APPROVED BY DISTRICT I SUPERVISOR TITLE TITLE DATE NOV 16 1999

Conditions of approval, if any:

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

Form C-104
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address HOME-STAKE OIL & GAS COMPANY 15 E. 5 th Street Suite 2800 Tulsa, OK 74103		OGRID Number 163123
Reason for Filing Code NW		
API Number 30-025-34715	Pool Name South McCormack Silurian	Pool Code 45430
Property Code 24881	Property Name HSOG	Well Number #2

II. Surface Location

UL or lot no. P	Section 22	Township 22S	Range 37E	Lot Idn	Feet from the 450	North/South Line SOUTH	Feet from the 940	East/West line EAST	County LEA
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Bottom Hole Location

UL or lot no. P	Section 22	Township 22S	Range 37E	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lse Code P	Producing Method Code F	Gas Connection Date 11/16/99	C-129 Permit Number N/A	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
021778	Sunoco (R & M) 1004 N. Big Spring - Midland, TX 79701	2824325	O	SAME
009171	GPM GAS CORPORATION 4044 Penbrook Odessa, TX 79762	2824326	G	SAME

IV. Produced Water

POD 2824327	POD ULSTR Location and Description Water Tank - HSOG #2 Tank Battery - UL 'P' Section 22 -T22S-R37E
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V. Well Completion Data

Spud Date 10/8/99	Ready Date 11/8/99	TD 7425'	PBTD 7333'	Perforations 7096 - 7114'	DHC, MC N/A
Hole Size 17-1/2"	Casing & Tubing Size 13 -3/8"	Depth Set 398'	Sacks Cement 440		
11"	8-5/8"	3415'	800		
7-7/8"	5-1/2"	7423'	850		
	2-7/8" tubing	6990'			

VI. Well Test Data

Date New Oil 11/5/99	Gas Delivery Date 11/6/99	Test Date 11/6/99	Test Length 24 hours	Tbg. Pressure 310 psi	Csg. Pressure 0 psi
Choke Size 24/64"	Oil 400	Water 0	Gas 400	AOF	Test Method F

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Larry Tarwater

Title: Production Engineer

Date: 11-8-99

Phone: (918) 583-0178 ext. 17

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date: NOV 16 1999

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30 - 025 - 34715

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ PLUG ☐ DIFF. ☐
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER Re-entry ☐

2. Name of Operator HOME-STAKE OIL & GAS COMPANY

7. Lease Name or Unit Agreement Name

HSOG

3. Address of Operator 15 E. 5th Street Suite 2800
Tulsa, OK 74135

8. Well No. #2

9. Pool name or Wildcat
South McCormack Silurian

4. Well Location

Unit Letter : P 450' Feet From The South Line and 940' Feet From The East Line

Section 22 Township 22 S Range 37E NMPM Lea County

10. Date Spudded 10/8/99 11. Date T.D. Reached 10/24/99 12. Date Compl. (Ready to Prod.) 11/5/99 13. Elevations (DF& RKB, RT, GR, etc.) 3337' GR 3353' KB 14. Elev. Casinghead

15. Total Depth 7425' 16. Plug Back T.D. 7333' 17. If Multiple Compl. How Many Zones? N/A 18. Intervals Drilled By Rotary Tools 0 - TD Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

FUSSELMAN: 7096' - 7114'

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

Induction & Neutron/Density & Sonic

21. Was Well Cored

NO

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 - 3/8"	40#	398'	17-1/2"	440 sks	None
8-5/8"	32#	3415'	11"	800 sks	None
5-1/2"	15.5#	7423'	7-7/8"	850 sks	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	6990'	6990'

26. Perforation record (interval, size, and number)
7096' - 7114' 2 SPF - 37 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
7096 - 7114' 2000 gals 15% HCl acid

28. PRODUCTION

Date First Production 11/5/99	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing		
Date of Test 11/6/99	Hours Tested 24	Choke Size 24/64"	Prod'n For Test Period	Oil - Bbl 400	Gas - MCF 400	Water - Bbl. 0	Gas - Oil Ratio 1000
Flow Tubing Press. 310 psi	Casing Pressure 0 psi	Calculated 24-Hour Rate	Oil - Bbl. 400	Gas - MCF 400	Water - Bbl. 0	Oil Gravity - API - (Corr.) 38.8	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Temporarily vented pending connection to GPM

Test Witnessed By K. Mozingo

30. List Attachments

C-103 (3); C-104; Logs

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature *Larry Tarwater*

Printed Name Larry Tarwater

Title Production Engineer Date 11/8/99

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy_____	T. Canyon_____
T. Salt_____	T. Strawn_____
B. Salt_____	T. Atoka_____
T. Yates_____	T. Miss_____
T. 7 Rivers_____	T. Devonian_____
T. Queen_____	T. Silurian (Fusselman) 7022'
T. Grayburg 3700'	T. Montoya 7142'
T. San Andres 4050'	T. Simpson_____
T. Glorieta 5050'	T. McKee_____
T. Paddock 5190'	T. Ellenburger_____
T. Blinebry 5398'	T. Gr. Wash_____
T. Tubb 5975'	T. Delaware Sand_____
T. Drinkard 6120'	T. Bone Springs_____
T. Abo 6550'	T. _____
T. Wolfcamp_____	T. _____
T. Penn_____	T. _____
T. Cisco (Bough C)	T. _____

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....3700'to.....4140' No. 3, from.....6360'to.....6540'
No. 2, from.....5080'to.....5260' No. 4, from.....7022'to.....7142'

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
0	400	400	Red bed & caliche
400	950	450	Red bed & shale
950	2000	1050	Anhydrite
2000	2600	600	Anhydrite & gyp
2600	3550	950	Anhydrite
3550	3650	100	Dolomite w/ sand
3650	4940	1290	Dolomite w/ chert & shale
4940	5120	180	Dolomite w/ limestone
5120	6020	900	Dolomite w/ chert & shale
6020	6120	100	Dolomite
6120	7022	902	Dark Dolomite w/ shale
7022	7142	120	Chert w/ Dolomite & calcite
7142	7417	275	Dolomite

From	To	Thickness In Feet	Lithology



HOME-STAKE OIL & GAS COMPANY

APPLICATION FOR TAX REFUND

Well: HSOG #2

Location: UL "P" Section 22 - T22S - R37E

County, State: Lea County, New Mexico

API Number: 30-025-34715

Pool: McCormack South, Silurian

Pool No.: 45430

Operator: Home-Stake Oil & Gas Company

OGRID: 163123

15 E. 5th Street Suite 2800

Tulsa, OK 74103

WORKING INTEREST OWNERS

PERCENTAGE INTEREST

1. Home-Stake Oil & Gas Company
15 E. 5th Street Suite 2800
Tulsa, OK 74103

53%

2. John H. Hendrix Corporation
P.O. Box 3040
Midland, TX 79702

47%



Home-Stake Oil & Gas Company

15 East 5th Street, Suite 2800
Tulsa, Oklahoma 74103-4311

(918) 583-0178
(800) 677-0178
FAX - (918) 583-0237
Internet - www.home-stake.com

November 22, 1999

Mr. Mark Ashley
New Mexico Oil Conservation Division
2040 S. Pacheco Street
Santa Fe, NM 87505

RE: Application for Tax Refund - House Bill 280
HSOG #2
UL "P" Sec 22-22S-37E
Lea County, New Mexico
L1711040W

Dear Mr. Ashley:

Enclosed please find 3 copies of the following forms relating to Home-Stake's subject application:

- Application for Tax Refund Form
- Form C-142 Application for New Well Status
- Form C-103 Sundry Notice - Verifies spud date, casing, etc.
- Form C-105 Well Completion Form - Completion Date, Test Results, etc.
- List of Working Interest Owners and Their Percentage Interests

Please send a copy of the approved application as soon as it is granted. If you have any questions please contact me at (918) 583-0178 ext. 17. Thank you.

Sincerely,

Larry Tarwater
Production Engineer

attach