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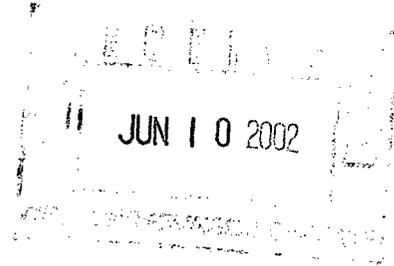
DHC

NA

June 7, 2002

New Mexico Oil Conservation Division – District I  
1220 South St. Francis  
Santa Fe, NM 87505

Attn: David Katanach



**RE: Home Stake Oil & Gas Company Koehane #1  
UL 'J' Section 26 – 22S – 37E  
Lea County, New Mexico  
L1711100W**

Dear David:

Please find enclosed the following completion forms/information regarding the subject well:

- Form C-107A                      Application for downhole commingling of Abo, Drinkard, Tubbs and Blinebry formations
- Graph                              Production graph showing production history of Abo, Abo/Drinkard, and Abo, Drinkard, Tubbs and Blinebry formations
- Form C-102                      Well location and acreage dedication plat
- Form C-103                      Sundry Notice for recompletion to Drinkard formation
- Form C-103                      Sundry Notice for recompletion to Tubbs formation
- Form C-103                      Sundry Notice for recompletion to Blinebry formation
- Form C-103                      Sundry Notice for commingling of Drinkard with Abo
- Form C-103                      Sundry Notice for commingling of Tubbs with Drinkard, Abo and Blinebry
- Form C-103                      Sundry Notice for commingling of Blinebry with Drinkard, Abo and Tubbs

If you have any questions, please call me at (972) 781-6595 ext 114. Thank you.

Sincerely,

Steve Smith  
Production Engineer

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

District II  
1301 W. Grand Avenue, Artesia, NM 88210

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
 Single Well  
Yes Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Home-Stake Oil and Gas Company 2745 North Plano Parkway, Suite 220, Plano, Texas 75093  
Operator Address

Keohane Well No. J 26 22S 37E Lea County  
Lease Unit Letter-Section-Township-Range

OGRID No. 163123 Property Code 25920 API No. 30-025-35050 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wantz-Abo/Drinkard	UNDRA Tubbs	Blinebry
Pool Code	62700/19190	60240	6660
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6892 - 6964 6299-6497	5997-6129	5481-5710'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	Producing	New Zone	New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Wantz-Abo Date: 6/14/01 Rates: 0.7 bopd 9 mcf/d 0.2 bwpd	Drinkard 6/14/01 8.6 bopd 19 mcf/d 15.6 bwd	Date: 7/12/2001 Rates: 32 bopd 33 bwpd 62 mcf/d
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Abo/Drinkard Abo/Drinkard 1.2/14.4 % 5.9/12.4 %	Oil Gas 32.7 % 31.6 %	Oil Gas 51.8 % 50.1 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No

Are all produced fluids from all commingled zones compatible with each other? Yes  No

Will commingling decrease the value of production? Yes  No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

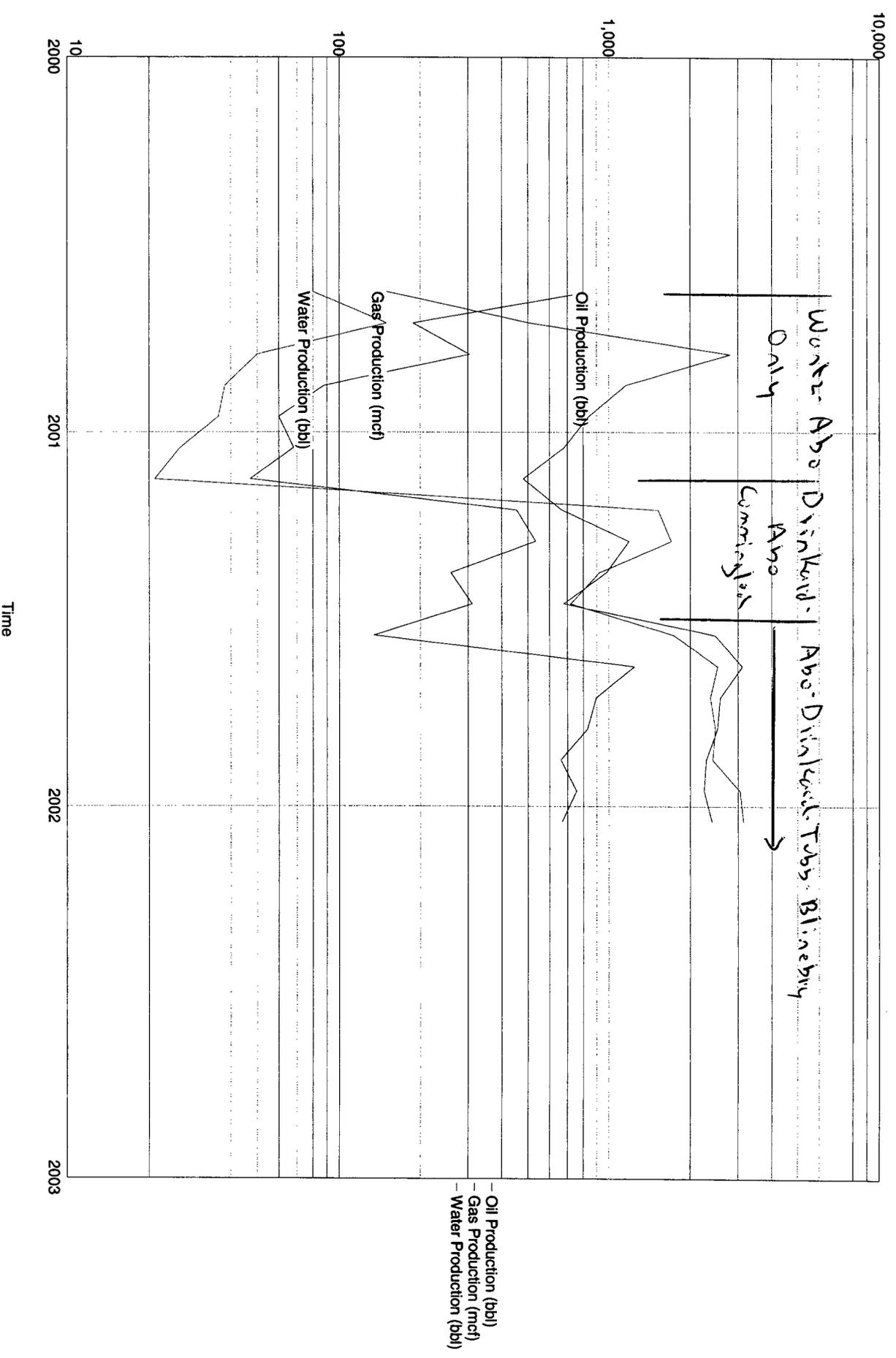
SIGNATURE Steve Smith TITLE Petroleum Eng DATE 6/7/02

TYPE OR PRINT NAME Steve Smith TELEPHONE NO. (472) 781-6595

Lease Name: KEOHANE  
 County, State: LEA, NM  
 Operator: HOME-STAKE OIL & GAS COMPANY THE  
 Field: WANTZ  
 Reservoir: ABO  
 Location: 26 22S 37E SW NW SE

KEOHANE - WANTZ

Production Rates



- Oil Production (bb)  
 - Gas Production (mcf)  
 - Water Production (bb)

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

OIL CONSERVATION DIVISION  
P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

DISTRICT IV  
P.O. Box 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35050	Pool Code 62700	Pool Name Wantz - 1A30
Property Code 25920	Property Name KEOHANE	Well Number 1
OGRID No. 163123	Operator Name HOME-STAKE OIL & GAS COMPANY	Elevation 3316

Surface Location

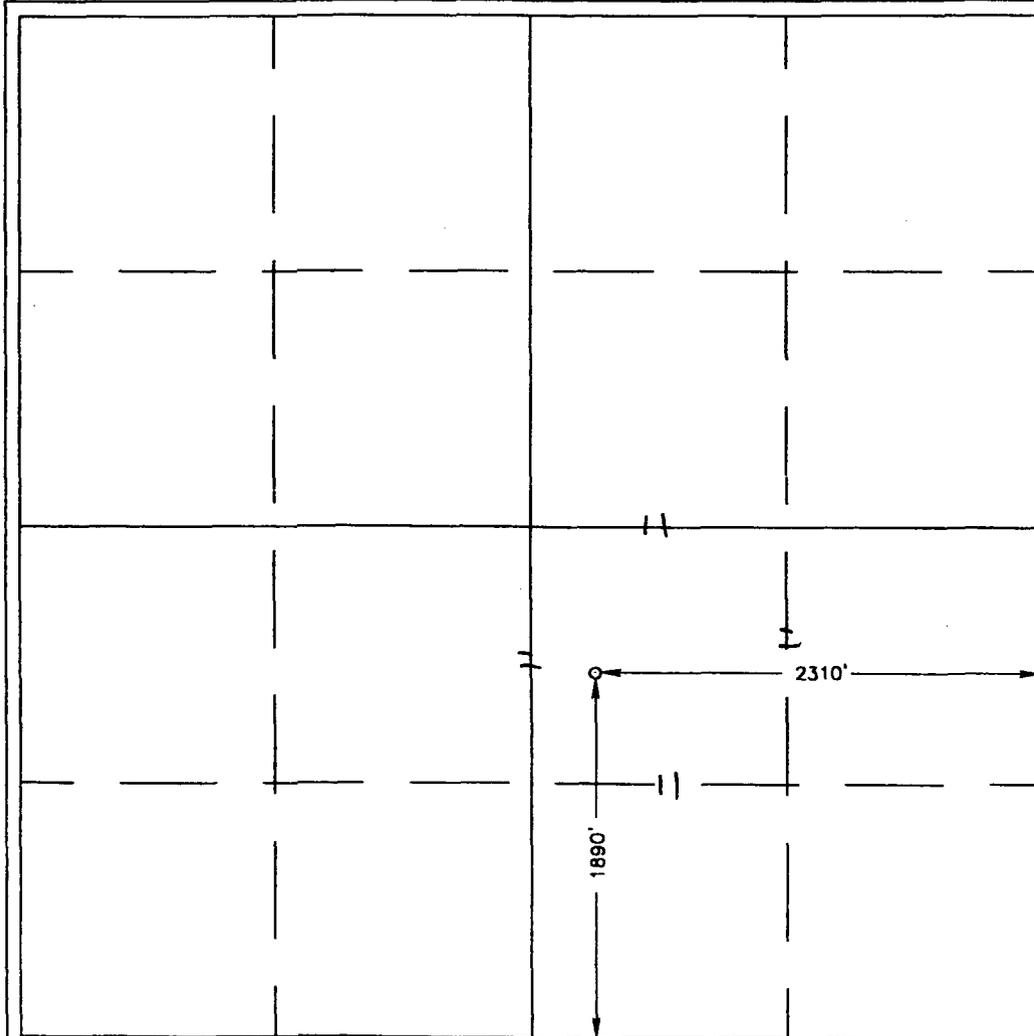
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	22 S	37 E		1890	SOUTH	2310	EAST	LEA

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 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



**OPERATOR CERTIFICATION**

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

*Ronald J. Eidson*  
Signature

Ronald J. Eidson  
Printed Name

Agent  
Title

5/30/2000  
Date

---

**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.

MAY 23, 2000

Date Surveyed LMP

Signature & Seal of Professional Surveyor

*Ronald J. Eidson* 5/25/00  
80-11-0666

Certificate No. RONALD J. EIDSON 3239  
GARY EIDSON 12641  
MACON McDONALD 12185

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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DISTRICT II  
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OIL CONSERVATION DIVISION  
P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35050	Pool Code 19190	Pool Name Dinkard
Property Code 25920	Property Name KEOHANE	Well Number 1
GRID No. 163123	Operator Name HOME-STAKE OIL & GAS COMPANY	Elevation 3316

Surface Location

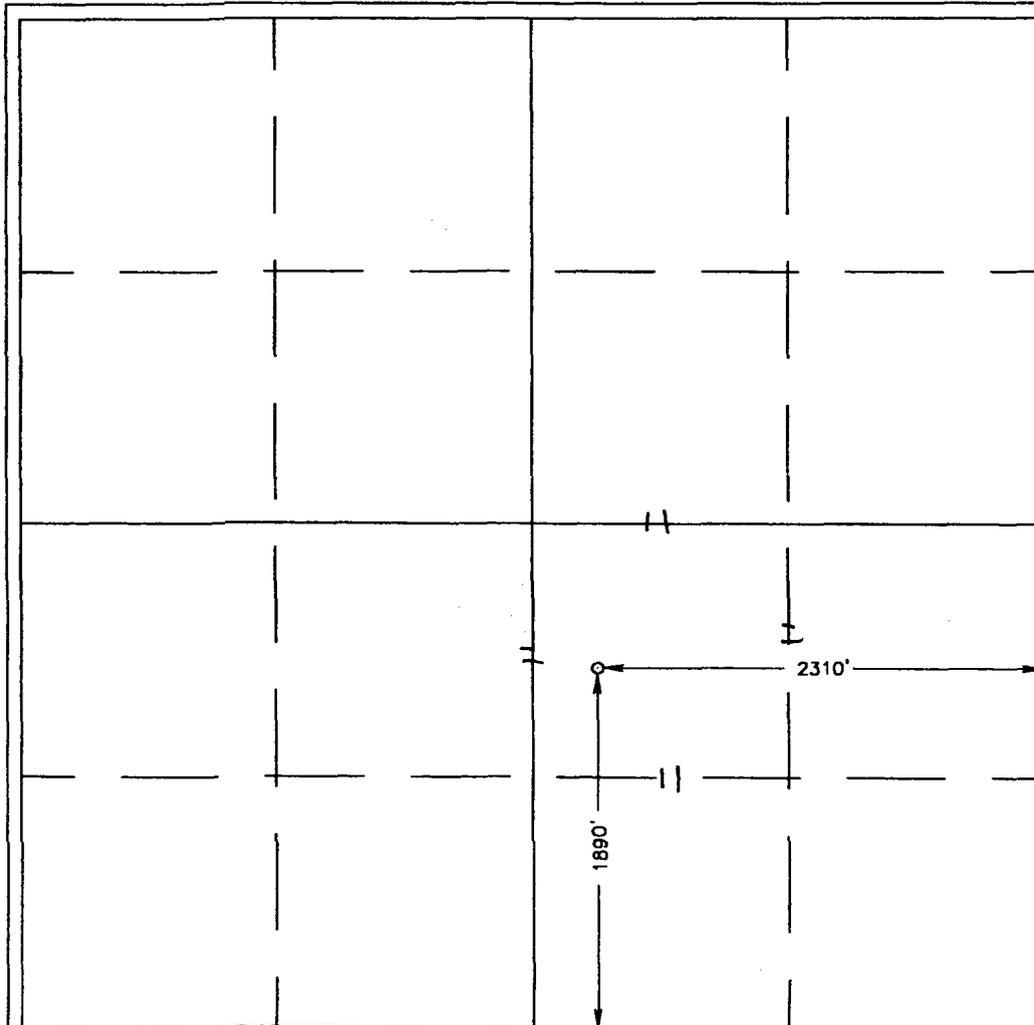
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	22 S	37 E		1890	SOUTH	2310	EAST	LEA

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 40	Joint or Infill	Consolidation Code	Order No.
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Title

5/30/2000  
Date

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MAY 23, 2000  
Date Surveyed

LMP

Signature & Seal of Professional Surveyor

*Ronald J. Eidson* 5/25/00  
60-11-0666

Certificate No. RONALD J. EIDSON 3239  
GARY EIDSON 12641  
MACON McDONALD 12185

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  
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Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION  
P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35050	Pool Code 60240	Pool Name Tubb Oil and Gas Pool
Property Code 25920	Property Name KEOHANE	Well Number 1
GRID No. 163123	Operator Name HOME-STAKE OIL & GAS COMPANY	Elevation 3316

Surface Location

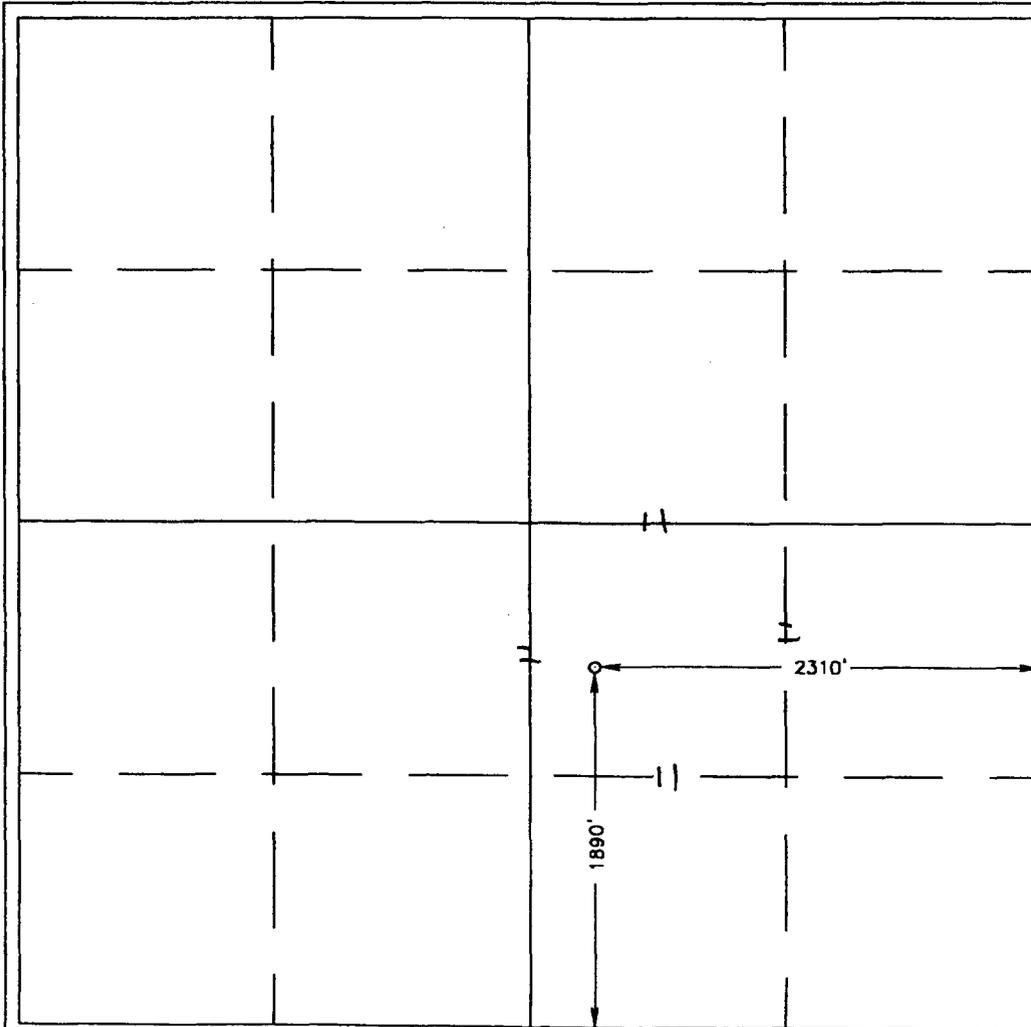
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	22 S	37 E		1890	SOUTH	2310	EAST	LEA

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 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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**OPERATOR CERTIFICATION**

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*Ronald J. Eidson*  
Signature

Ronald J. Eidson  
Printed Name

Agent  
Title

5/30/2000  
Date

---

**SURVEYOR CERTIFICATION**

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MAY 23, 2000

Date Surveyed LMP

Signature & Seal of Professional Surveyor

*Ronald J. Eidson 5/25/00*  
00-11-0666

Certificate No. RONALD J. EIDSON 3239  
GARY EIDSON 12641  
MACON McDONALD 12185

DISTRICT I  
P.O. Box 1990, Hobbs, NM 88241-1990

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1984  
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., Artec, NM 87410

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35050	Pool Code 6660	Pool Name Blaine bry Oil and Gas Pool
Property Code 25920	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	Joint or Infill	Consolidation Code	Order No.
40			

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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Ronald J. Eidson</i> Signature</p> <p>Ronald J. Eidson Printed Name</p> <p>Agent</p> <p>Title</p> <p>5/30/2000 Date</p>
	<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>MAY 23, 2000</p> <p>Date Surveyed _____ LMP</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Ronald J. Eidson 5/25/00</i> 60-11-0666</p>
	<p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185</p>

Submit 3 Copies To Appropriate District Office  
 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 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 - 35050
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 25920

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		7. Lease Name or Unit Agreement Name:  Keohane
2. Name of Operator Home-Stake Oil and Gas Company	8. Well No. 1	
3. Address of Operator Parkway Center II 2805 North Dallas Parkway Suite 100, Plano, Texas 75093	9. Pool name or Wildcat Wantz Abo and Drinkard	
4. Well Location  Unit Letter <u>J</u> : <u>1890</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>East</u> line  Section <u>26</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316' GR 3333' KB		

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

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

- 2/26/01 MIRU. POH w/rod and pump.
- 2/27/01 ND WH, NU BOP. POH w/tubing. GIH w/RBP and set at 6805'. Test BP/casing to 3800#.
- 2/28/01 RU wireline. RIH w/3-1/8" hollow carrier gun and perforated Drinkard at 6497, 6492, 6482, 6481, 6476, 6472, 6464, 6455, 6454, 6445, 6439, 6438, 6433, 6423, 6422, 6389, 6375, 6363, 6355, 6341, 6340, 6331, 6321, 6320, 6299' 1 spf 120 deg phasig. RD wireline. Ran tubing and packer.
- 3/1/01 Acidize Drinkard w/2000 gals 15% HCL. Packer failed during acid treatment. POH for new pakeker. Swab back.
- 3/2/01 Acidize Drinkard w/2000 gals 15 % HCL Swab back.
- 3/5/01 Frac stimulate Drinkard with 114 M# of 20/40 Ottawa Sand. Screened out with 90 M# sand in formation.
- 3/6 - 3/9/01 Wash sand and retrieved RBP.
- 3/10/01 Ran 2-7/8" tubing and land seating nipple at 6210'. Ran rods and pump.
- 3/11/01 Return to production. Addition of Drinkard to Downhole Commingle of the Abo and Drinkard complete.
- 4/4/01 Allocation of production Test 20 bopd x 52 mcf/d x 74 bwpd

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

SIGNATURE Steve Smith TITLE Production Eng DATE 6/7/02

Type or print name Steve Smith Telephone No. 972-781-6545  
 (This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any:

Submit 3 Copies To Appropriate District  
 Office  
 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 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 - 35050
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 25920
7. Lease Name or Unit Agreement Name:  Keohane
8. Well No. 1
9. Pool name or Wildcat Wantz Abo, Drinkard, Tubbs, Blinebry
4. Well Location  Unit Letter <u>J</u> : <u>1890</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>East</u> line  Section <u>26</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316' GR 3333' KB

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  Gas Well  Other

2. Name of Operator  
 Home-Stake Oil and Gas Company

3. Address of Operator  
 Parkway Center II 2745 North Dallas Parkway Suite 220, Plano, Texas 75093

4. Well Location  
  
 Unit Letter J : 1890 feet from the South line and 2310 feet from the East line  
  
 Section 26 Township 22S Range 37E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3316' GR 3333' 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: Commingle with Drinkard and Abo

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB   
 OTHER: Recomplete in Tubbs

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.

- 7/5/01 MIRU. POH w/rod and pump. ND WH, NU BOP. POH w/tbg. Set RBP at 6250'. Test BP/casing to 2500#.  
 7/6/01 RU EL. RIH w/3-1/8" hollow carrier gun and perf Tubbs at 5997', 6013', 6022', 6028', 6036', 6042', 6047', 6057', 6080', 6100', 6105', 6111', 6116', 6126', and 6129' w/3-1/8" csg gun 1 SPF 120 deg phasing. Ran tbg and packer.  
 7/7/01 Acidize Tubbs w/1500 gals 15% HCL w/25 ball sealers. Swab back and Test Tubbs. POH w/tubing and packer.  
 7/7/01 TEST 20 bopd x 39 mcf x 28 bwpd  
 7/8/01 Frac stimulate Tubbs with 80 M# of 16/30 Ottawa Sand at 25 BPM. Set RBP at 5890'. RIH w/3-1/8" hollow carrier gun and perf Blinebry at 5481, 5483, 5494, 5497, 5516, 5521, 5523, 5525, 5555, 5592, 5594, 5602, 5603, 5605, 5606, 5608, 5630, 5632, 5634, 5649, 5651, 5675, 5676, 5679, 5680, 5691, 5693, 5694, 5699, to 5710' w/3-1/8" casing gun 1 SPF 120 deg phasing. RD wireline.  
 7/9/01 Ran tubing and packer. Acidize Blinebry w/2000 gals 15% HCL. Swab back.  
 7/10/01 POH w/tubing and packer. Frac stimulate Blinebry with 80 M# of 16/30 Ottawa Sand + 94 tons CO2 at 50 BPM.  
 7/11-7/12/01 Test Blinebry : 7/12/01 TEST 32 bopd x 62 mcf x 33 bwpd  
 7/13-14/01 Wash sand and retrieved RBP at 5890'. Wash sand and retrieved RBP at 6250'  
 7/15/01 Ran 2-7/8" tubing and land seating nipple at 6217'. Ran rods and pump. Return to production. Addition of Tubbs and Blinebry Downhole Commingle of the Tubs, Blinebry, Abo and Drinkard complete.  
 Allocation of production to Tubbs Test 20 bopd x 39 mcf x 28 bwpd  
 Allocation of production to Blinebry Test 32 bopd x 62mcf x 33 bwpd

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

SIGNATURE Steve Smith TITLE Production Eng DATE 6/17/02

Type or print name Steve Smith Telephone No. 972-781-6595  
 (This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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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 - 35050
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 25920
7. Lease Name or Unit Agreement Name:  Keohane
8. Well No. 1
9. Pool name or Wildcat Wantz Abo and Drinkard

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 (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  Gas Well  Other

2. Name of Operator  
 Home-Stake Oil and Gas Company

3. Address of Operator  
 Parkway Center II 2805 North Dallas Parkway Suite 100, Plano, Texas 75093

4. Well Location  
 Unit Letter J : 1890 feet from the South line and 2310 feet from the East line  
 Section 26 Township 22S Range 37E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3316' GR 3333' 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: Commingle Drinkard with Abo

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.

4/4/01	Allocation of production	Test	20 bopd x 52 mcf/d x 74 bwpd		
		oil	gas	water	
	Abo	1.5 (7.5%)	17 (32%)	1 (1%)	
	Drinkard	18.5(92.5%)	35(68%)	73(99%)	

R-11363 - The commingling of the Drinkard with the Abo will not reduce the value of the total remaining production. The interests in the pools are the same.

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

SIGNATURE Steve Smith TITLE Production Eng DATE 6/7/02

Type or print name Steve Smith Telephone No. 972-781-6595

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office  
 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 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 - 35050
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 25920
7. Lease Name or Unit Agreement Name:  Keohane
8. Well No. 1
9. Pool name or Wildcat Wantz Abo, Drinkard, Tubbs, Blinebry

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  Gas Well  Other

2. Name of Operator  
 Home-Stake Oil and Gas Company

3. Address of Operator  
 Parkway Center II 2745 North Dallas Parkway Suite 220, Plano, Texas 75093

4. Well Location  
 Unit Letter J : 1890 feet from the South line and 2310 feet from the East line  
 Section 26 Township 22S Range 37E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3316' GR 3333' 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: Commingle with Drinkard and Abo

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB   
 OTHER: Recomplete in Blinebry

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.

- 7/5/01 MIRU. POH w/rod and pump. ND WH, NU BOP. POH w/tbg. Set RBP at 6250'. Test BP/casing to 2500#.  
 7/6/01 RU EL. RIH w/3-1/8" hollow carrier gun and perf Tubbs at 5997', 6013', 6022', 6028', 6036', 6042', 6047', 6057', 6080', 6100', 6105', 6111', 6116', 6126', and 6129' w/3-1/8" csg gun 1 SPF 120 deg phasing. Ran tbg and packer.  
 7/7/01 Acidize Tubbs w/1500 gals 15% HCL w/25 ball sealers. Swab back and Test Tubbs. POH w/tubing and packer.  
 7/7/01 TEST 20 bopd x 39 mcf x 28 bwpd  
 7/8/01 Frac stimulate Tubbs with 80 M# of 16/30 Ottawa Sand at 25 BPM. Set RBP at 5890'. RIH w/3-1/8" hollow carrier gun and perf Blinebry at 5481, 5483, 5494, 5497, 5516, 5521, 5523, 5525, 5555, 5592, 5594, 5602, 5603, 5605, 5606, 5608, 5630, 5632, 5634, 5649, 5651, 5675, 5676, 5679, 5680, 5691, 5693, 5694, 5699, to 5710' w/3-1/8" casing gun 1 SPF 120 deg phasing. RD wireline.  
 7/9/01 Ran tubing and packer. Acidize Blinebry w/2000 gals 15% HCL. Swab back.  
 7/10/01 POH w/tubing and packer. Frac stimulate Blinebry with 80 M# of 16/30 Ottawa Sand + 94 tons CO2 at 50 BPM.  
 7/11-7/12/01 Test Blinebry : 7/12/01 TEST 32 bopd x 62 mcf x 33 bwpd  
 7/13-14/01 Wash sand and retrieved RBP at 5890'. Wash sand and retrieved RBP at 6250'  
 7/15/01 Ran 2-7/8" tubing and land seating nipple at 6217'. Ran rods and pump. Return to production. Addition of Tubbs and Blinebry Downhole Commingle of the Tubs, Blinebry, Abo and Drinkard complete.  
 Allocation of production to Tubbs Test 20 bopd x 39 mcf x 28 bwpd  
 Allocation of production to Blinebry Test 32 bopd x 62mcf x 33 bwpd

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

SIGNATURE Steve Smith TITLE Production Eng. DATE 6/7/02

Type or print name Steve Smith Telephone No. 972-781-6595  
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APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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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 - 35050
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 25920
7. Lease Name or Unit Agreement Name:  Keohane
8. Well No.  1
9. Pool name or Wildcat Wantz Abo, Drinkard, Tubbs, Blinebry

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  Gas Well  Other

2. Name of Operator  
 Home-Stake Oil and Gas Company

3. Address of Operator  
 Parkway Center II 2745 North Dallas Parkway Suite 220, Plano, Texas 75093

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 Unit Letter J : 1890 feet from the South line and 2310 feet from the East line  
 Section 26 Township 22S Range 37E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3316' GR 3333' 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

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB

OTHER: Commingle Blinebry w/Drinkard, Abo and Tubbs

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.

7/17/01	Allocation of production	Test	61.5 bopd x 124.1 mcf/d x 83.5 bwpd		
		oil	gas	water	
	Abo	0.7 (1.2%)	7.3 (5.9%)	0.2 (0.3 %)	
	Drinkard	8.8(14.4%)	15.4(12.4%)	22.7(27.2%)	
	Tubbs	20.1(32.7%)	39.2(31.6%)	27.5(32.9%)	
	Blinebry	31.8(51.8%)	62.2(50.1%)	33.0(39.6%)	

R-11363 - The commingling of the Blinebry with the Drinkard, Abo and Tubbs will not reduce the value of the total remaining production.  
 The interests in the pools are the same.

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

SIGNATURE Steve Smith TITLE Production Eng DATE 6/7/02

Type or print name Steve Smith Telephone No. 972-781-6595

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OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO.  
 30 - 025 - 35050

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No.  
 25920

7. Lease Name or Unit Agreement Name:  
 Keohane

8. Well No.  
 1

9. Pool name or Wildcat  
 Wantz Abo, Drinkard, Tubbs, Blinebry

SUNDRY NOTICES AND REPORTS ON WELLS  
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<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
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 type="checkbox"/>	
OTHER: Commingle Tubbs w/Drinkard, Abo and Blinebry <input checked="" 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.

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R-11363 - The commingling of the Tubbs with the Drinkard, Abo and Blinebry will not reduce the value of the total remaining production.  
 The interests in the pools are the same.

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

SIGNATURE Steve Smith TITLE Production Eng DATE 6/7/02

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APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
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