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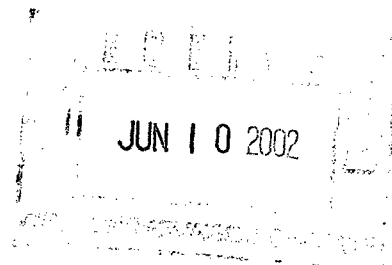
DHC

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

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

APPLICATION TYPE
X Single Well
 _____ Multiple Wells
 _____ Existing Pre-Approved Pools
 EXISTING WELLBORE
 X Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Home-Stake Oil and Gas Company Operator		2745 North Plano Parkway, Suite 220, Plano, Texas 75093 Address	
Keohane Lease	Well No. J 26 22S 37E	Lea County	
OGRID No. 163123	Property Code 25920	API No. 30-025-35050	Lease Type: Federal State <input checked="" type="checkbox"/> Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wantz Abo/Drinkard	Tubbs	Blaine
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: 7/7/2001 Rates: 19.8 bopd 28.2 bwpd 42 mcf/d	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 Abo/Drinkard 1.2/14.4 % Gas Abo/Drinkard 5.9/12.4 %	Oil 32.7 % Gas 31.6 %	Oil 51.8 % Gas 50.1 %

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X 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 X No

Will commingling decrease the value of production? Yes _____ No X

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 X

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:

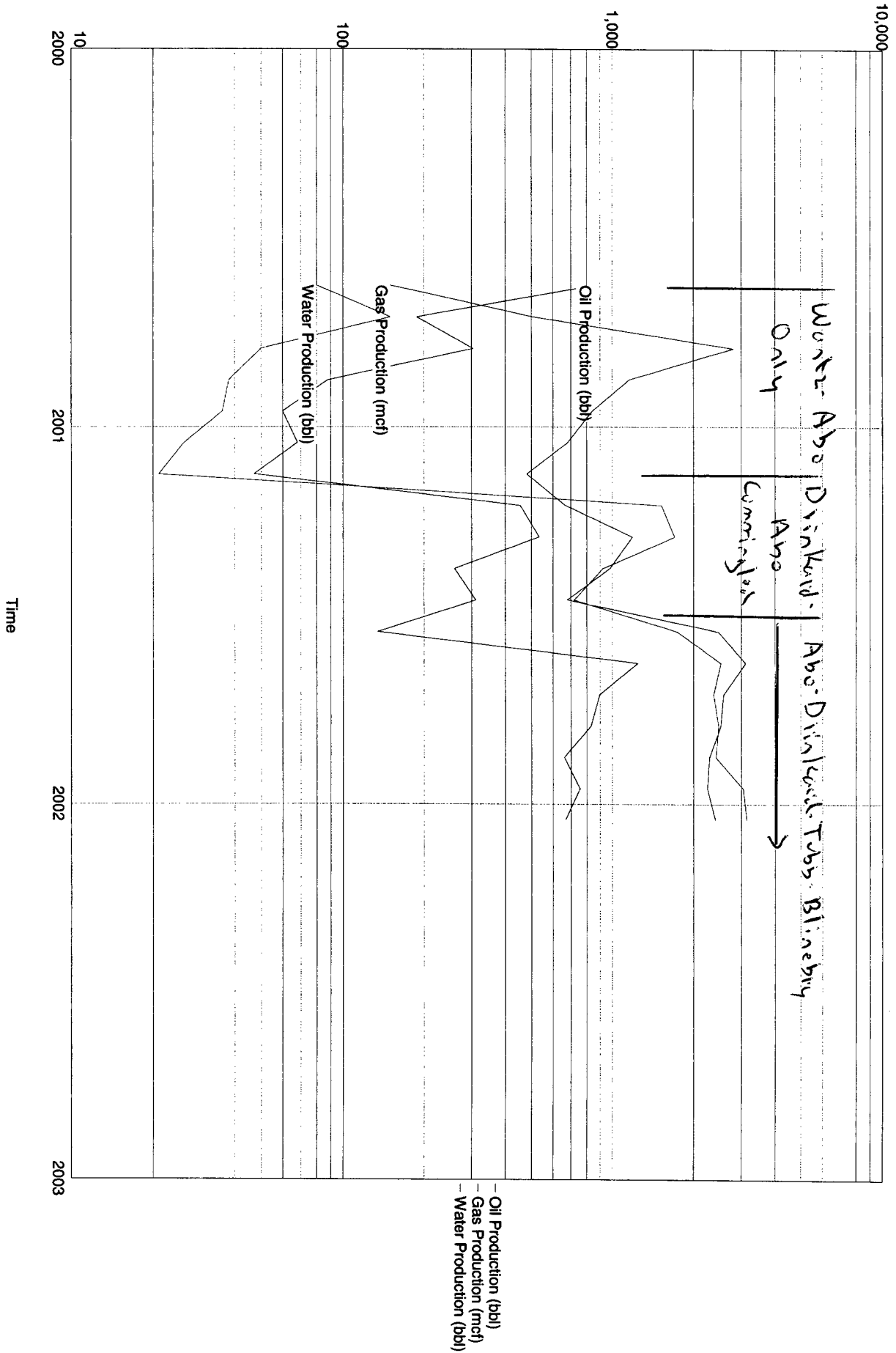
List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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

SIGNATURE Steve Smith TITLE Retirement 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



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

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

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

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35050	Pool Code 62700	Pool Name Wanta - 1860
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. J	Section 26	Township 22 S	Range 37 E	Lot Idn	Feet from the 1890	North/South line SOUTH	Feet from the 2310	East/West line EAST	County LEA
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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	
				<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 Ronald J. Eidson Printed Name Agent Title 5/30/2000 Date</p>	
				SURVEYOR CERTIFICATION	
				<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 Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 5/25/00 60-11-0666</p>	
				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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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 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. J	Section 26	Township 22 S	Range 37 E	Lot Idn	Feet from the 1890	North/South line SOUTH	Feet from the 2310	East/West line EAST	County LEA
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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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				SURVEYOR CERTIFICATION	
				<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 & Seal of Professional Surveyor</p> <p><i>Ronald J. Eidson</i> 5/25/00 60-11-0666</p> <p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185</p>	

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OIL CONSERVATION DIVISION

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☐ 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
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
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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

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Ronald J. Eidson Printed Name Agent Title 5/30/2000 Date
	SURVEYOR CERTIFICATION <i>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.</i> MAY 23, 2000 Date Surveyed LMP Signature & Seal of Professional Surveyor 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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P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 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. J	Section 26	Township 22 S	Range 37 E	Lot Idn	Feet from the 1890	North/South line SOUTH	Feet from the 2310	East/West line EAST	County LEA
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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
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	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. 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 60-11-0666 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
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811 South First, Artesia, NM 88210
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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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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 - 35050
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 and Gas Company		6. State Oil & Gas Lease No. 25920
3. Address of Operator Parkway Center II 2805 North Dallas Parkway Suite 100, Plano, Texas 75093		7. Lease Name or Unit Agreement Name: Keohane
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>		8. Well No. 1
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316' GR 3333' KB		9. Pool name or Wildcat Wantz Abo and Drinkard

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 Abo ☐

SUBSEQUENT REPORT OF:

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

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 paceker. 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
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811 South First, Artesia, NM 88210
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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 - 35050
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 and Gas Company		6. State Oil & Gas Lease No. 25920
3. Address of Operator Parkway Center II 2745 North Dallas Parkway Suite 220, Plano, Texas 75093		7. Lease Name or Unit Agreement Name: Keohane
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>		8. Well No. 1
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316' GR 3333' KB		9. Pool name or Wildcat Wantz Abo, Drinkard, Tubbs, Blinebry

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 mcfd 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 mcfd 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 mcfd x 28 bwpd
Allocation of production to Blinebry Test 32 bopd x 62mcfd 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

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
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811 South First, Artesia, NM 88210
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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

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	
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 <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

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 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 _____
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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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> 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 <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.) <u>3316' GR</u> <u>3333' KB</u>	

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 mcfd 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 mcfd 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 mcfd x 28 bwpd
Allocation of production to Blinebry Test 32 bopd x 62mcfd 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
(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

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 ☒ 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 Blinebry w/Drinkard, Abo and Tubbs ☒

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.

7/17/01 Allocation of production Test 61.5 bopd x 124.1 mcf 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
(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____
Conditions of approval, if any:

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State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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 - 35050
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2. Name of Operator Home-Stake Oil and Gas Company		6. State Oil & Gas Lease No. 25920
3. Address of Operator 2745 North Dallas Parkway Suite 2200, Plano, Texas 75093		7. Lease Name or Unit Agreement Name: Keohane
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>		8. Well No. 1
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316' GR 3333' KB		9. Pool name or Wildcat Wantz Abo, Drinkard, Tubbs, Blinebry

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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 Tubbs w/Drinkard, Abo and Blinebry ☒

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.

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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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APPROVED BY _____ TITLE _____ DATE _____
Conditions of approval, if any: