

PNRMO224057203

C-103 4-27-01
DHC No. Assigned 5-1-01

Order Number		API Number		Operator		County	
DI 0029		30-025-34497		Cortez Operating Co. Home-Stake Oil & Gas Co.		Lea	
Order Date		Well Name		Number		Location	
3-10-01		Sarah Johnston		001		<div>0</div> <div>22</div> <div>225</div> <div>37E</div> <div>UL</div> <div>Sec</div> <div>T (+Dir)</div> <div>R (+Dir)</div>	
				Oil %		Gas %	
Pool 1	19190	Drinkard		95%		95%	
Pool 2	62700	Wantz Abo		5%		5%	
Pool 3							
Pool 4							

Comments: Work completed effective 3-10-01
 Work cancelled effective _____
 Supplement 1732N 1733N 3-12-02
 1734N 1735N

8-28-02
 posted to
 R B D M L
 ③

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

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.	30 - 025 - 34497
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:	SARAH JOHNSTON
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 ☒ Gas Well ☐ Other ☐

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

3. Address of Operator 15 E. 5th Street Suite 2800 Tulsa, OK 74103

4. Well Location
Unit Letter O: 800 feet from the SOUTH line and 2040 feet from the EAST line
Section 22 Township 22S Range 37E NMPM County LEA

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3346' GR 3364' 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 recompletion.

3/2/01 MIRU. ND WH, NU BOP.
3/3/01 POH w/tubing. RU EL. GIH w/CIBP and 6843' (above Fusselman perfs). GIH w/tubing. Test casing and CIBP to 2800 psi. RU wireline.
RIH w/3-1/8" hollow carrier gun and perforated Abo at 6645, 6649, 6651, 6657, 6762, 6764, 6772, 6785, 6793, 6796' 2 spf 120 deg phasing.
3/4/01 GIH w/tubing and packer. Acidize Abo perfs w/2000 gal 15% HCL. Swab back and test Abo.
3/5/01 Swab test Abo. Recovered 2 bo in 12 hour test. 4 bopd. WIH w/RBP and set at 6593'. Test BP/casing to 3800#.
3/6/01 RU wireline. RIH w/3-1/8" hollow carrier gun and perforated Drinkard at 6314, 6346, 6364, 638, 6391, 6396, 6398, 6405, 6420, 6422, 6436, 6438, 6441, 6496, 648, 6489' 2 spf 120 deg phasing. RD wireline. Ran tubing and packer. Acidize Drinkard w/3000 gals 15% HCL. Swab back.
3/7/01 Swab Drinkard.
3/8/01 Frac stimulate Drinkard with 99.5 M# of 16/40 Ottawa Sand. Flush sand to perforations.
3/9/01 Wash sand and retrieved RBP. Ran Model "R" packer and set at 6250'.
3/10/01 Return to production. Downhole Commingle of the Abo and Drinkard complete.
4/4/01 Allocation of production Test 75 bopd x 312 mcf/d x 53 bwpd

<u><62700></u> Wantz-Abo <u><19190></u>	oil	gas	water
	4 (5%)	15 (5%)	1 (1%)
Drinkard	71 (95%)	297 (95%)	52 (99%)

<6645-6796>
<6314-6489>

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.

DI DHC Order No. 0029

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

SIGNATURE Stephen P. Smith TITLE Production Engineer DATE 4/15/01

Type or print name Stephen P. Smith Telephone No. (720) 781-6595
(This space for State use)

APPROVED BY [Signature] TITLE Geologist DATE APR 27 2001

DOWNHOLE COMMINGLE CALCULATIONS:

OPERATOR: Homestake Oil & Gas Co.
Cortez Operating Co.

30-025-244/97
HOB-0029

PROPERTY NAME: Sarah Johnston

WNULSTR: 1-0, 22-22-37

SECTION I:

POOL NO. 1 Drinkard

ALLOWABLE AMOUNT

142 852 MCF 6000

POOL NO. 2 Wantz Abo

187 1122 MCF 6000

POOL NO. 3 _____

_____ MCF

POOL NO. 4 _____

_____ MCF

POOL TOTALS 329 1974

SECTION II:

POOL NO. 1 Drinkard

Oil
 $95\% \times 329 = 312.5 (313)$ Gas 95%

POOL NO. 2 Wantz Abo

5% 5%

POOL NO. 3 _____

POOL NO. 4 _____

OIL

GAS

SECTION III:

$142 \div 95\% = 149.48 (150)$

SECTION IV:

$150 \times 95\% = 142.50 (142)$
 $150 \times 5\% = 7.50 (8)$