

RM

RECEIVED

AUG 19 2005

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-100CD-ARTESIA
Revised June 10, 2003

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 30-015-33084
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Samson Resources Company Attn: Jim Farrell		6. State Oil & Gas Lease No.
3. Address of Operator 200 N. Loraine St., Suite 1010, Midland, TX 79701		7. Lease Name or Unit Agreement Name Loving 1 State
4. Well Location Unit Letter <u>J</u> : 1980 feet from the <u>South</u> line and 1980 feet from the <u>East</u> line Section <u>1</u> Township <u>24S</u> Range <u>27E</u> NMPM Eddy County		8. Well Number 4
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3102' GL		9. OGRID Number 20165
		10. Pool name or Wildcat Loving SE Atoka

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐	REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: GAS COMPLETION IN ATOKA ☒

13. 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.

Plug back from Morrow to the Atoka sand

- 7/29/05: TOH w/4 1/2" production packer and 2 3/8" tubing (381 jts).
- 7/30/05: Set 4 1/2" Composite Bridge Plug at 12,100'. Cap w/44' of cement.
- 8/2/05: Perforate Atoka 11,362'-11,368' 4 SPF. Set 4 1/2", production packer @ 11,300'.
- 8/3/05 TIH w/2 3/8", 4.70#, N80, 8R EUE tubing. End of tubing at 11,314'.
- 8/4/05 Turn over to production.

Wellbore Diagram Attached

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

SIGNATURE [Signature] TITLE District Engineer DATE 8/16/05

Type or print name J.L. Farrell, III E-mail address: rburditt@samson.com Telephone No. (432) 683-7063

(This space for State use)

APPROVED BY FOR RECORDS ONLY TITLE DATE AUG 19 2005
Conditions of approval, if any:

WELL NAME: Loving 1 State #4 FIELD: Loving SE LSE#: 025762
 STATE: NM COUNTY: Eddy LOCATION: 1980' FSL & 1980' FEL Sec 1-24S-27E
 API NO: 30-015-33084 SPUD DATE: 6/25/2004 FORMATION: Aloka
 TD: 12672' PBTD: 12056' ELEVATION: 3102' GL

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SK	WT	TOC
Surf	13.375"	H40	LT&C	48.00#	0'	575'	14	17.500"		520		Surf
Inter	9.625"	J55	LTC	36.00#	0'	2310'	53	12.250"		1106		Surf
Inter	7.000"	HCP-110	LT&C	23.00#	0'	10548'	251	8.750"		370		-8800
Prod	4.600"	P110	LT&C	11.60#	0'	12870'	321	6 1/8		260		10585
Tbg	2.375"	N80		4.70#	0'	11314'	253					

Remarks:
 9/7/04: Frac Morrow perms (12512-12664') w/72500# Bauxite, 211 tons CO2
 Screened out. Left 8000# sand in csg. Cleaned out w/coil lbq
 9/16/04: Started flowing upper zone (12512-16') out csg to sales
 10/30/04: Closed sliding sleeve
 1/20/05: Frac Morrow perms (12336-12388') w/99,200# 20/40 Versiprop, 340 tons CO2
 8/4/05: First Sales (Aloka)

Downhole Detail as of 8/3/05:
 1 - 10' sub
 255 jts 2 3/8" N-80 tbg.
 O/O tool - X nipple
 1 - Arrow 1X plr
 1 - XN nipple
 EOT @ 11314'

CAPACITIES				(bbl/ft)	(ft/bbl)	(cwt/ft)
TBG	2.375 in. 4 7/8	00387	256.65		02171	
CSG	4 5/8 in. 11 6/8	01550	64.34		06720	

VOLUME BETWEEN				(bbl/ft)	(ft/bbl)	(cwt/ft)
Tbg-csg	2.375x4.5	01420	70.46		07970	
Tbg-csg						
Csg-hole						
Tbg-hole						
Tbg-hole						

PERFORATION RECORD						
DATE	TOP	BTM	ZONE	STATUS	SPF	
9/1/2004	12662'	12664'	Morrow	Abandoned	2	
9/1/2004	12512'	12518'	Morrow	Abandoned	4	
11/23/2004	12386'	12388'	Morrow	Abandoned	4	
11/23/2004	12335'	12337'	Morrow	Abandoned	4	
11/30/2004	12307'	12309'	Morrow	Abandoned	4	
12/20/2004	12366'	12388'	Morrow	Abandoned	4	
12/20/2004	12236'	12238'	Morrow	Abandoned	4	
6/2/2005	11362'	11368'	Aloka	Active	4	

SRC WTK:
 LOGS: GR/CBU/CCL(9/1/04)

LANDMAN: P Kerr GEOLOGIST: Ralph Worthington

TUBULAR GOODS PERFORMANCE					
Material	ID (in)	Drift (in)	Collapse (psi)	Burst (psi)	Tensile (lbs)
13.375" H40 LT&C 48#	12.715	12.659	770	1,730	322,000
9.625" J55 LTC 36#	8.921	8.785	2,020	3,520	453,000
7" HCP-110 LT&C 23#	6.366	6.241	5,650	7,530	512,000
4 5/8" P110 LT&C 11.6#	4.000	3.875	7,560	10,690	279,000
2 3/8" N80 4 7/8	1.995	1.901	11,780	11,200	104,300
* Safety Factor Not Included					

AS1X Plr @ 11300'
 Tbg @ 11314'
 11362-68'
 CIBP @ 12100 w/44' cmt

12236-38'
 12307-9'
 12335-37'
 12368-68' (twice)

CIBP @ 12490 w/30' cmt

12512-10'

12662-4'

PBTD: 12750'

TD 12872'

PREPARED BY: LeAnne Haskins
 DATE: 2/3/2005
 Updated: 6/5/2005 R. Burditt

OFFICE: (818) 563-1791
 FAX: (818) 591-1702