

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

WELL API NO. 35-025-01036
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name State C AC 1
8. Well Number 3
9. OGRID Number 20165
10. Pool name or Wildcat SWD Devonian

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
Samson Resources Company

3. Address of Operator
Two West Second Street, Tulsa, OK 74103

4. Well Location

Unit Letter L : 1980 feet from the South line and 660 feet from the West line
Section 2 Township 12S Range 33E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

12. 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 COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Bradenhead, Workover and Mechanical Integrity Test ☒

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3-29-2012: Bradenhead Test Conducted - Failed; witnessed by Sylvia Dickey with OCD

4-9-2012: Move in well service rig. ND the wellhead and NU the BOP. Released the on/off tool. TOH with the 2 7/8" tubing and on-off tool 333-JTS/ 10,380'.

4-10-2012: RU the on/off tool on the tubing. TIH with the 2 7/8" tubing. Ran 4 new 2 7/8" cement lined joints on top of the on-off tool. Ran a total of 330-JTS.

4-11-2012: RU kill truck and 2 transports with packer fluid/circulated packer fluid on the backside. Latched into the on-off tool. Total of 332-JTS. Laid down a 12'-JT out of the old tubing string/ND the BOP/ NU the wellhead. Annulus did not pressure test.

4-12-2012: RU acid pump truck and 1 transport of fresh water for flush - 3000-gals of 15% HCL acid; flushed with 100 bbls. of fresh water.

4-13-2012: TIH with a 1.906" gauge ring to top of the on-off tool @10380'-KB/TOH.
TIH with a 1.875" FWP plug and set in the profile nipple on the packer

4-16-2012: ND wellhead and NU BOP. POH w/ tbgr TIH pressure testing tubing.

4-17-2012: Spaced-out the tubing string, no subs used. Replaced 3-JTS /tubing string has 332-JTS 2 7/8" N-80. Arrow-set 1 packer set @ 10,380', the packer was never released and reset, all work was done above the packer.

Ran the state test - Passed/ witnessed by the state (Sylvia Dickey).

Wellbore sketch attached.

H2S is present. H2S equipment on location prior to commencement. Safety meetings held daily.

Spud Date:

Rig Release Date:

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

SIGNATURE Kenneth Krawietz TITLE Mgr-Division Operations-Midland/Permian-Opns

DATE 4/25/12

Type or print name: Kenneth Krawietz

E-mail address: kkrawietz@samson.com

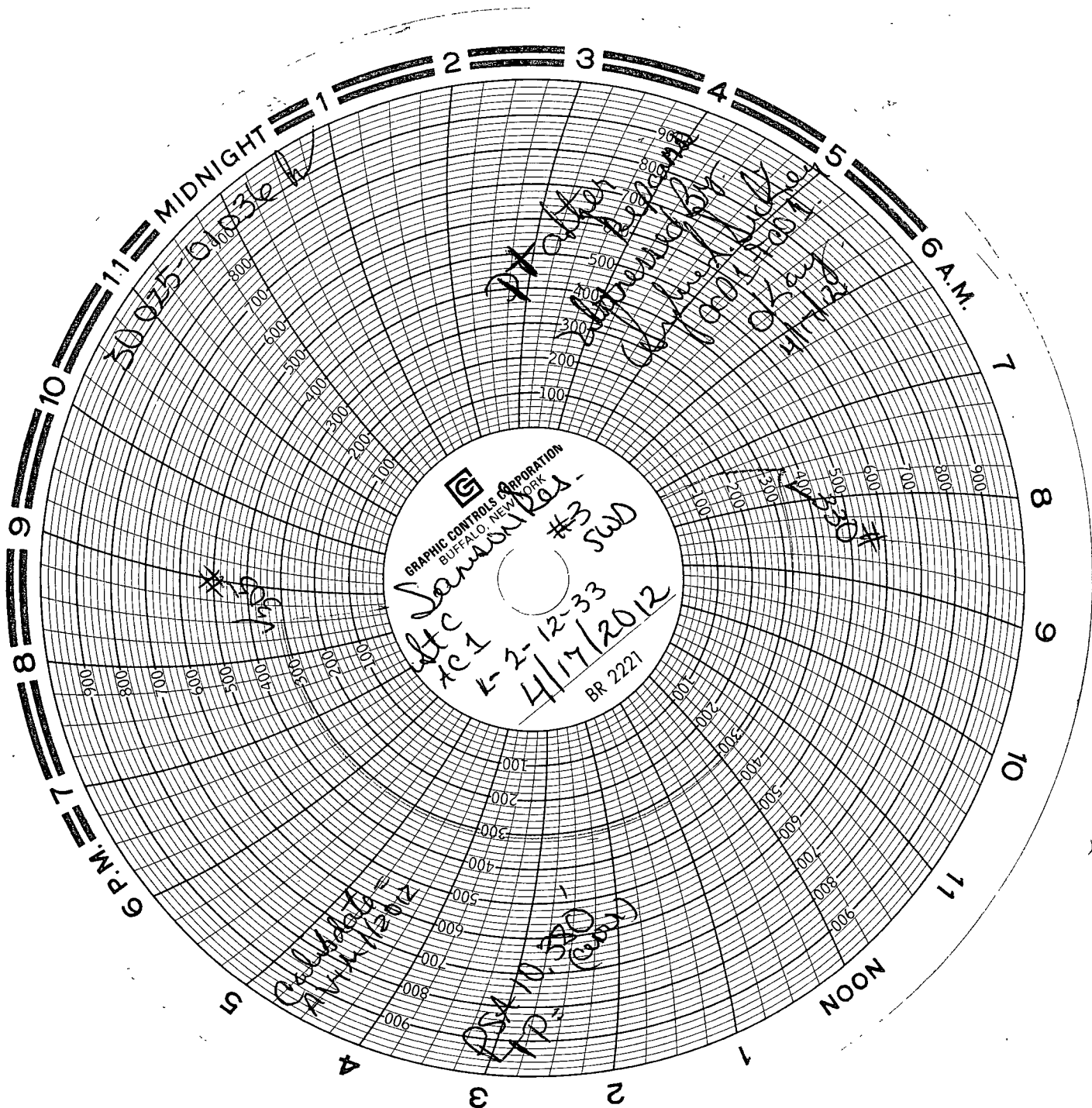
PHONE: (432) 686-6337

For State Use Only

APPROVED BY: Mark Whitaker TITLE Compliance Officer

DATE 04-27-2012

Conditions of Approval (if any):



Donnerstag
19. April
1904

WELL:	State "C" A/C 1 #3 SWD	OPERATOR:	S R C	SPUD DATE:	4/3/1954
COUNTY:	Lea	LEASE#:	030253 -0003 & 030254	LOCATION:	Sec 2-T12S-R33E
STATE:	New Mexico	FIELD:	Bagley		
API:	30-025-01036	FORMATION:	Devonian		
TD:	11,370' (OH)				
PBTD:	11,263' (OH)	ELEVATION:	4,245' Derrick Floor	ZERO DATUM:	20.0' FT. ABOVE: GL

CASING RECORD

SURFACE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
13.375"	48.00#	H40	ST&C	0'	324'		17 000"	350	Circ
9.625"	36.00#	J55		0'	3,894'		13 000"	2700	Circ

PRODUCTION CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
5.500"	17.00#	N80		0'	11,034'		8 750"	3000	Circ

TUBING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.
2.875"	6.50#	N80	EUE	0'	10,380'	333	

PERFORATION RECORD

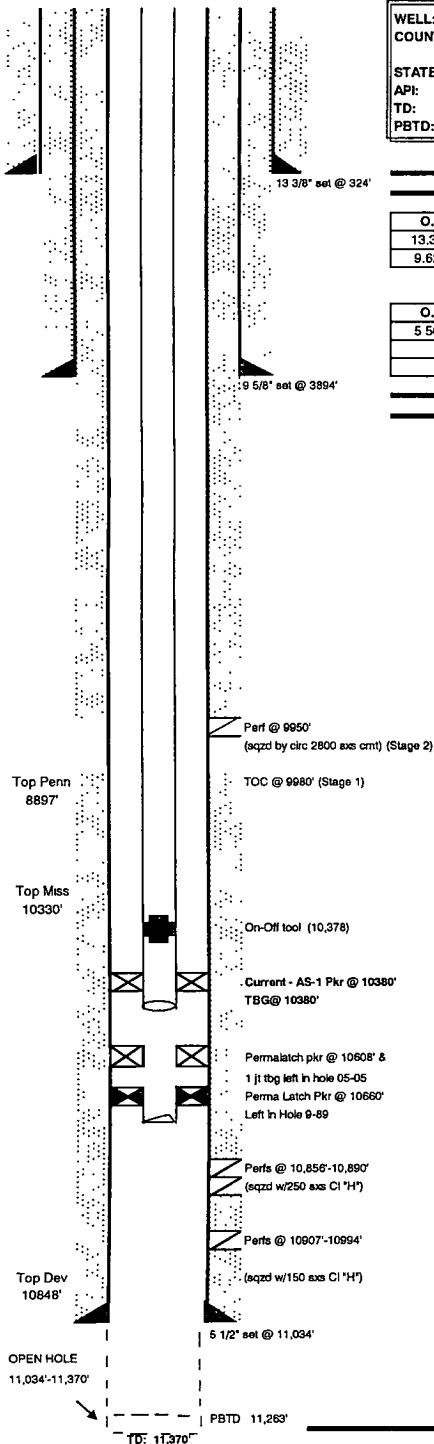
DATE	TOP	BOTTOM	SPF	ZONE	STATUS
08/10/54	10,907'	10,994'	6	Devonian	Sqzd
09/10/70	10,856'	10,860'	2	Devonian	Sqzd
08/06/73	10,860'	10,890'	1	Devonian	Sqzd

TREATMENT

8/10/1954	Acidized 10907'-10994' w/500 gals mud acid. Well flowed 270 bbls in 6 hrs
9/10/1970	Acidized 10856'-10860' w/500 gal 28% acid. Reset pkr to 10791' and acidized w/2000 gal 15% NE acid
8/22/1973	Acidized to 10791' w/4,000 gals 20% NE acid using ball sealers
11/7/1978	Well TA'd due to water disposal problems
7/23/1985	Converted well to SWD
9/2/1985	Acidized 11,034'-11,370' w/3000 gals 15% NEHCL. BDP 0, ISIP Vac, AIR 6.5 BPM. Injection rates after acid job, 3 BPM, 3 hr. Inj. rate of 146 BPH on vac.
4/14/1987	Acidized OH f/11,034'-11,370' w/200 gals Xylene and 1000 gals 15% acid @ 6 BPM @ 80#, ISIP vac. Well still would not take water (gravity). Set centrifugal pump. Found PBTD @ 11,263'
10/13/1987	Acidized OH 11,034'-11,370' w/5,000 gals 15% NE HCL in 4 stages. BDP 20 ps, FP 200, ISIP 4 BPM vac
9/15/1993	Acidized OH f/10,852'-11,275' w/3,000 gals 15% NEFEHCL. Max TP 1000 psi @ 4.8 BPM, ATP 400 psi, ATP 400 psi @ 4 BPM. After 24 hrs, injecting 8200 BWPD, TP OH on vac.
10/3/1993	BJ Titan acidized OH f/11,034'-11,370' w/3,000 gals 15% NEFEHCL acid, Air 4.5 BPM, MP 400#, AP 150#, ISIP Vac. Put well on injection, TP 100# @ 7800 BWPD
5/11/1995	Acidized OH f/11,034'-11,370' w/5,000 gals 15% HCL and 3,000 gals gelled brine in 4 stages. Press test to 500 psi. Put on injection at 2300 BWPD on vac.
1/27/1999	Repaired tubing and line from tank to disposal well and put back on injection
9/13/2000	Repaired leak in tubing. Mixed 110 gal acf Tretolite CRWO 132F w/300 bbls fresh water. Pressured up to 510 psi. RD truck and released. Put well on injection. Injection rate w/pumping running 6472 BFPD @ 54 psi. Injection rate w/out pump running 1845 BFPD at 12 in vac.
06/18/03	Acidized tbg w/2000 gal 15% HCL w/2 gal EP-3 NE, 4 gal 1-3 inhibitor, 10 gal LAC
11/4/03	Acidized tbg w/3500 gal 15% HCL w/2 gal EP-3 NE, 4 gal 1-3 inhibitor, 10 gal LAC
12/1/03	Mechanical Integrity Test - Passed
05/29/05	Mechanical Integrity Test - Passed
02/28/07	Mechanical Integrity Test - Passed
06/26/08	Mechanical Integrity Test - Passed
01/23/09	Mechanical Integrity Test - Passed
03/22-30/10	Mechanical Integrity Test failed. Pressure tested, replaced tbg as needed, set pkr @ 10380'
03/31/10	Mechanical Integrity Test - Passed
3/29/2012	
4/17/2012	Bradenhead Test - Failed; repaired tbg as needed, packer remains @ 10380' (packer never released - work done above packer); Mechanical Integrity Test - Passed; (witnessed by state).

REMARKS

Status: Salt Water Disposal Well with Open Hole f/11,034'-11,370'. PBTD @ 11,263' due to 107' fill



SRC WPK:	BHT: 180' F
ZONE PENALTY:	BHP:
COMPETITIVE:	EST SITP:
FERC CLASS:	EST WHSIP:
FORCE POOL:	COMPRESSOR DETAIL:
SRC OFFSET/ZONE:	
LOGS:	PUMPING UNIT DETAIL:

Tubular Cap.	Bbl/ft	Ft3/ft
Tubing	0.00579	0.03253
Casing	0.02324	0.13050
Annular Cap.	Bbl/ft	Ft3/ft
Tubing x Casing	0.01521	0.08540
Casing x Hole	0.04500	0.25260

TUBULAR GOODS PERFORMANCE

Material	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
13.375" 48# H40 ST&C	322,000	1,730	770	12.715	12.559
9.625" 36# J55	394,000	3,520	2,020	8.921	8.765
5.5" 17# N80	397,000	7,740	6,280	4.892	4.767
2.875" 6.5# N80 EUE	144,960	10,570	11,160	2.441	2.347

*13.375" and 9.625" assumed to be ST&C and 5.5" assumed to be LT&C

*Safety Factor Not Included

Engineer: Eric Outlaw
Office#: 918-591-1929
Home#:

Prepared By: Sarah White
Date: 12-5-96
Updated: 4/18/2012 DAB