

State of New Mexico
Energy, Minerals and Natural Resources

RECEIVED

NOV 02 2009

HOBBSSOCD

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-35662

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

STATE BD

8. Well Number

4

9. OGRID Number

20165

10. Pool name or Wildcat

BAGLEY/PENN

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

200 N LORAIN, STE 1010, MIDLAND, TX 79701

4. Well Location

Unit Letter H : 1894 feet from the NORTH line and 604 feet from the EAST lineSection 2 Township 12S Range 33E NMPM County LEA

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

4232 GR

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 ☐

SUBSEQUENT REPORT OF:

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

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.

POH w/ pkr.

RU WL.

Dump 35' cmt on CIBP @ 8695'.

Set CIBP @ 8500'. Dump 35' cmt.

Press test csg to 500 psi.

Condition of Approval: Notify OCD Hobbs
office 24 hours prior to running MIT Test & Chart

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

SIGNATURE

TITLE Operations ManagerDATE 10-23-2009Type or print name KENNY KRAWIETZE-mail address: Kkrawietz@samson.comPHONE: 432-683-7063

For State Use Only

APPROVED BY:

TITLE

DISTRICT 1 SUPERVISOR

DATE

NOV 02 2009

Conditions of Approval (if any):

WELL NAME: State BD #4		FIELD: Hightower North/PndngOCD Rww		LSE#: 033717	
STATE: NM		COUNTY: Lea		LOCATION: 2-12S-33E	
API NO: 30-025-35662		SPUD DATE: 1/21/2003		FORMATION: Wolfcamp	
TD: 11150'		PBTD: 11056'		ELEVATION: 4232' GL, 4256' KB	

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	13 375"	H40	STC	48 00#	Surf	350'	8	17 500"		320		Surf
Inter	9 625"	K55	LTC	36 00#	Surf	3847'	86	12 250"		1640		Surf
Prod	7 000"	L80	LTC	29 00#	Surf	11140'	278	8 750"		1250		~3500
Tbg	2 375"				Surf	8429'						

REMARKS:

9/7/06: (10290'-10300') Acdz w/2000gls 15% NeFe Dropped 60 ball seals, had good action

9/13/06: (9225'-9316') Acdz w/2000 gls, 15% NeFe Balled out w/30 balls

9/19/06: (9114'-9212') Acdz w/2500 gls, 15% NeFe ball out w/16 balls

9/27/06: (8848'-8946') Acdz w/2000 gls, 15% NeFe HCl Dropped 24 ball sealers--no action

10/6/06: First Gas Sales

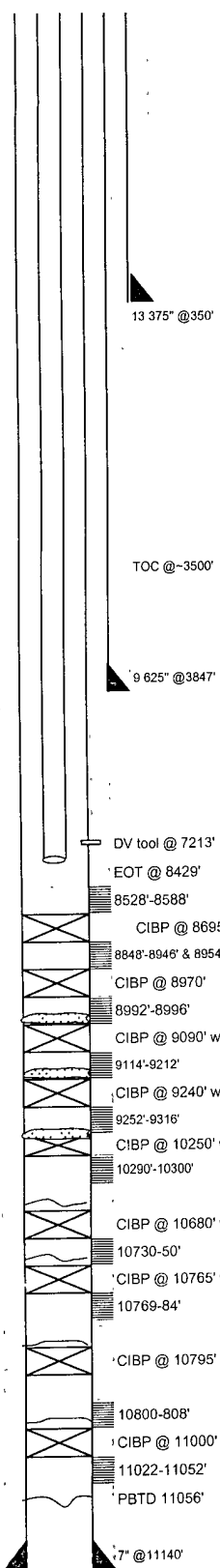
10/23/06: (Perfs 8954'-8958') Acdz w/2500 15% NeFe acid Dropped 33 balls

12/11/06: (Perfs 8528'-8588') Acdz w/3200 gals 15% NeFe acid Dropped 96 balls

Dump 35' cmt on CIBP located @ 8695', Set CIBP @ 8500' & dump 35' cmt Test csg

CAPACITIES		(bbl/ft)	(ft/bbl)	(cf/ft)
TBG in #		00870	114 99	04883
CSG 9 625 in 36#		07730	12 93	43400
VOLUME BETWEEN		(bbl/ft)	(ft/bbl)	(cf/ft)
TBGxCSG	2 375x7	02520	39 61	14180
TBGxCSG				
CSGxHOLE				
TBGxHOLE				

REMARKS Prior to 9/7/06 in View Comments



Tubing Detail as of 3/22/07:
 258 JTS 2 375" L80 4 7# TBG
 2 375" X 7" O/O TOOL
 1 87" PROFILE NIPPLE
 7" AS-1X 10K PKR @ 8419'
 8" X 2 375" SUB
 1 87" PROFILE NIPPLE
 2 375" WL RE-ENTRY GUIDE END OF TBG @ 8429'

PERFORATION RECORD (For Perfs Prior to 9/2006 Select View Comment)

DATE	TOP	BTM	ZONE	STATUS	SPF
(For Perfs Prior to 9/2006 Select View Comments)					
9/5/2006	10290'	10300'	Atoka	Abandoned	4
9/12/2006	9252'	9316'	Penn	Abandoned	2
9/18/2002	9114'	9212'	Penn	Abandoned	
9/22/2006	8992'	8996'	Penn	Abandoned	4
9/26/2006	8848'	8946'	Penn	Abandoned	2
10/23/2006	8954'	8958'	Penn	Abandoned	2
12/8/2006	8528'	8588'	Wfcmp	Abandoned	2

SRC Wt%: 100%		GEOLOGIST: Ron Johnson				
LANDMAN: Tom Land		TUBULAR GOODS PERFORMANCE				
Material	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)	
13 375" H40 STC 48#	12 715	12 559	770	1,730	322,000	
9 625" K55 LTC 36#	8 921	8 765	2,020	3,520	489,000	
7" L80 LTC 29#	6 184	6 059	7,020	8,160	587,000	
2 375" #	2 992	2 867	10,540	10,160	207,220	
* Safety Factor Not Included						

PREPARED BY: LeAnne Haskins **OFFICE:** (432) 683-7063

DATE: 3/19/2004 **FAX:** (432) 683-6847

Updated: 11/3/2004 LH

1/5/2007 RB