

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 July 18, 2013

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

WELL API NO. 30-025-08321	✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	✓
6. State Oil & Gas Lease No. NM211	✓
7. Lease Name or Unit Agreement Name State C AC 1	✓
8. Well Number 6	✓
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
Two West Second Street; Tulsa, Ok 74103

4. Well Location
 Unit Letter F : 2051 feet from the North line and 2051 feet from the West line
 Section 2 Township 12S Range 33E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4238'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUEN REMEDIAL WORK COMMENCE DRILLING OPN: CASING/CEMENT JOB OTHER:		INT TO PA <u>PM</u> P&A NR _____ P&A R _____
---	--	--	--	---

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.

See Attached

NOTIFY OCD 24 HOURS PRIOR TO BEGINNING PLUGGING OPERATIONS

HOBBS OCD

MAY 23 2016

RECEIVED

Spud Date: 12/06/52

Rig Release Date: 2/19/53

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

SIGNATURE Patricia Holland TITLE: Sr. Engineer Technician DATE 10/14/2015

Type or print name Patricia Holland E-mail address: pholland@samson.com PHONE: 918-591-1682
For State Use Only

APPROVED BY: Mark Whitaker TITLE Petroleum Eng. Specialist DATE 5/24/2016
 Conditions of Approval (if any):

mw



Samson Resources Company
Samson Lone Star, LLC

Plugging Procedure 10-5-15

Well Name: State C A/C 1 #6 **Lease #:** 040579/048322

Field: Bagley (Penn)

Legal Description: Sec 2, T12S, R33E **API #:** 30-025-08321

County Lea **State:** NM

Well Information

GL / KB: 4238' GL, 4245' KB

SITP/SICP//BHT: 0 psi SITP, 0 psi SICP, 155° F BHT

H2S Content: None reported

Contact(s): Jack Gevecker: Work: 918-591-1230, Mobile: 214-236-8404
Keith McCullough: Work: 903-988-0200, Mobile: 214-725-1098

Directions:

- Notify the local office of the appropriate Regulatory Agency (i.e., TRRC/OCC/etc.) before P&A work begins, before setting each cement plug and if approved cementing procedure is changed at any time. Note on daily report each day any contact made with the TRRC/OCC/etc.
- Current perforations from 9,920' – 9,443' (squeezed), 8,996' – 9,045' (CIBP @ 8,980'), 8,852' – 8,968' (CIBP @ 8,842' + 35' cement), 8,634' – 8,831' (CIBP @ 8,610'), 8,518' – 8,536' (CIBP @ 8,493' + 35' cement). The well was drilled and completed in 1953 and has produced 22,922 MCF, 179,980 BO, and 133,989 BW per PI Dwight. Last production was pre 1980.
- Prior to commencement of work, a safety and operational meeting will be conducted on location with plugging company and Samson representative.



Samson Resources Company
Samson Lone Star, LLC

Safety Notice

Well control and overall work safety is imperative. In order to help assure a safe working environment, the wellsite supervisor must provide safe and effective leadership and exercise good judgment. If at any time you feel a situation is inordinately dangerous and additional measures are required, STOP and confer with Engineering before proceeding. Losing control of a well is not acceptable and the individual onsite is responsible for the safe management of the well at all times. Unless otherwise authorized, never begin operations without proper supervision onsite. Unless otherwise authorized, the wellsite supervisor will be the first on location at the beginning of a workday and the last to leave the location once the well is secured for the night. The wellsite supervisor should confer with the project engineer at least 3 times per day (morning, midday and evening) to discuss job progress, plans, well control and overall safety.

BOP Guidelines

- Hydraulic dual ram BOP with properly sized pipe rams on top and blind rams on bottom.
- Confirm wellhead flange size and pressure rating, ensuring BOP is equipped with proper flange size.
- The BOP pressure rating is to be above the maximum potential shut-in pressure that may be encountered at any time during workover.
- A stand alone 3000 psi closing unit shall be used and located at least 50ft from the wellhead.
- BOP to be function tested, with single charge on closing unit, at least three cycles (Close – Open – Close).

Tbg Assembly

No tbg in well

Procedure to Plug and Abandon

1. Hold Safety Meeting. Follow all Federal, State, Local and Samson safety & environmental requirements.
2. MIRU WOR. Blow down any pressure.
3. ND wellhead and NU 5K BOPs and test to a low of 300 psi and a high of 5000 psi.
4. TIH w/ 2-3/8" J-55 tubing to 7,300'. **8458' (Tag CIBP)**
5. Circulate hole clean w/ 9.5 ppg mud laden fluid. **Pressure Test Casing.**
6. **Perforate & Attempt to sgz w/40 sx**
~~Spot 20 sx~~ 16.4 PPG Class H cement from 7,125'-7,300'. **WOC & TAG**
7. **Perforate & Attempt to sgz w/40 sx Class 'C'**
~~Spot 20 sx~~ 14.8 PPG Class H cement from 5,025'-5,200'. **WOC & TAG**
8. Perf @ 3,950' and squeeze 40 sx. **14.8 C** 16.4 PPG Class H cement from 3,700'-3,950'. **WOC & TAG**

TOC @ 8070'
by T.S.



Samson Resources Company
Samson Lone Star, LLC

9. Perf @ 2525' and squeeze 40 sx. 16.4 PPG Class H cement from 2,350'-2,525'. WOC + TAG
10. Perf @ 1700' and squeeze 40 sx. 16.4 PPG Class H cement from 1,525'-1,700'. WOC + TAG
11. Perf @ ^{353'} 250' and squeeze 40 sx. 16.4 PPG Class H cement from 175'-^{353'} 350'. WOC overnight and tag.
Perf @ 60'. Circ cmt to surface
12. ~~Spot a 20 sx 16.4 PPG Class H cement plug from 13' 3' using balance plug method~~
all strings
13. Cut off wellhead 3' below ground level. Visually verify cement top. Top off if necessary. Weld plate with API number and other pertinent well data permanently inscribed on it on a 4' stub above ground.
14. Send all cementing reports to Jack Gevecker and Patty Holland in the Tulsa Office.
jgevecker@samson.com and pholland@samson.com

WELL NAME: State "C" A/C 1 #6 FIELD: Bagley OPERATOR: Samson LEASE#: 048322
 STATE: NM COUNTY: Lea SURVEY: Sec 2F-12S-33E 040579
 COMP DATE: 2/19/1953 SPUD DATE: 12/6/1952 FORMATION:
 TD: 9950' PBTD: 9520' ELEVATION: 4238' GL ZERO DATUM: 7' FT. ABOVE GL

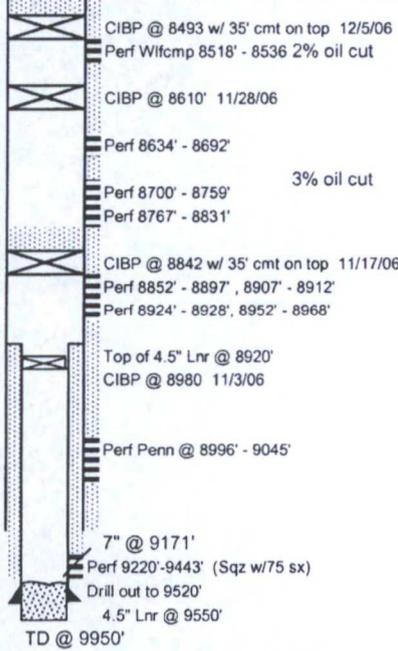
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	CEMENT & HOLE DATA			
									DEP	SX	WT.	
Surf	13.375	H40		48.00#	Surf	303'		17.500		350		Surf
Int	9.625	J55		36.00#	Surf	2476'		12.000		1706		Surf
Prod	7.000		LT&C	23.00#	Surf	9171'		8.750		250		8070' TS
	7.000											
Liner	4.500	N-80		10.50#	8920'	9550'				90		

COMMENTS: API 30-025-08321
 Penn: 8885-8990 DST
 FSIP 2710
 570 MCFPD
 2700' Oil
 cum prod 179,980 BO last prod pre 1980
 22,922 MCF
 133,989 BW

SURFACE EQUIPMENT		PERFORATION RECORD					
Artificial Lift:	Facility:	SPF	DATE	TOP	BTM	ZONE	STATUS
			12/71	8996	9016	Penn	Abandoned
				9220	9443		
STATUS:							
NOTE:							

TOC @ 8070' by TS

SRC WI%: SRC NRI%:
 BHT:
 ENGINEER: GEOLOGIST:



WELL HISTORY

1953: (8996'-9045') Cum 180 MBO, 23 MMCF, 134 MBW
 1971: Deepen, run 4.5", Test 9220-9443, Squeeze perms, TA
 12/6/1971 - 12/20/1971: Acdz (9220' - 9443') w/500 gals. Acdz w/2000 gals (3 Stgs). Sqz w/75 s
 10/31/2006: Circ hole clean to 9150'
 11/7/2006: (Perfs 8924' - 8968') Acdz w/60 bbls 15% NeFe HCl.
 11/15/2006: (Perfs 8852' - 8968', 55 holes) Acdz w/ 2500 gals 15% HCL. Flush w/ 45 BBL 2% KC
 11/21/2006: (Perfs 8634' - 8692' and 8700' - 8759') Acdz w/ 2500 gals 15% NEFE. Drop 40 BS
 11/29/2006: (Perfs 8518' - 8536') Spot 3 bbls 15% NEFE, Acdz w/ 37 bbls 15% NEFE
 12/8/2006: Upper Penn and Wolfcamp proved non-commercial.
 Set CIBP @ 8493'. Dump 35' cement on plug.
 Well TA'd.

TUBULAR GOODS PERFORMANCE

Material	Tensile* (lbs)	Burst* (psi)	Collapse* (psi)	Drift (in)	ID (in)	Capacity (bbl/ft)
----------	-------------------	-----------------	--------------------	---------------	------------	----------------------

* Safety Factor Not Included

PREPARED BY: R. Burditt

OFFICE: (432) 683-7063

DATE: 2/7/2006

HOME:

Updated: 1/7/2007, 10/5/15 JRG



WELL NAME: State "C" A/C 1 #6 FIELD: Bagley OPERATOR: Samson LEASE#: 040579-0006
 STATE: NM COUNTY: Lea SURVEY: Sec 2F-12S-33E
 COMP DATE: 2/19/1953 SPUD DATE: 12/6/1952 FORMATION:
 TD: 9950' PBD: 9520' ELEVATION: 4238' GL ZERO DATUM: 7' FT. ABOVE GL

CSG	OD	GRADE	PIPE RECORD				CEMENT & HOLE DATA				
			THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEP	SX	WT.
Surf	13.375	H40		48.00#	Surf	303'	17.500		350		Surf
Int	9.625	J55		36.00#	Surf	2476'	12.000		1706		Surf
Prod	7.000		LT&C	23.00#	Surf	9171'	8.750		250		8070' TS
	7.000		LT&C	26.00#							
Liner	4.500	N-80		10.50#	8920'	9550'			90		

COMMENTS: API 30-025-08321
 Penn: 8885-8990 DST
 FSIP 2710
 570 MCFPD
 2700' Oil
 cum prod 179,980 BO before 1980
 22,922 MCF
 133,989 BW

SURFACE EQUIPMENT		PERFORATION RECORD					
Artificial Lift:		JSPF	DATE	TOP	BTM	ZONE	STATUS
Facility:		1	12/71	8996 9220	9016 9443	Penn	Abandoned
Name:							

SRC W/lf: SRC NR/lf

ENGINEER: GEOLOGIST:

WELL HISTORY
 1953 (8996-9045) Cum 180 MBO, 23 MMCF, 134 MBW
 1971: Deepen, run 4.5". Test 9220-9443, Squeeze perms, TA
 12/6/1971 - 12/20/1971: Acdz (9220' - 9443') w/500 gals Acdz w/2000 gals (3 Sigs). Sqz w/75 sx Drill out to 9520'
 10/31/2006: Circ hole clean to 9150'
 11/7/2006 (Perfs 8924' - 8968') Acdz w/60 bbls 15% NeFe HCl
 11/15/2006 (Perfs 8852' - 8968', 55 holes) Acdz w/ 2500 gals 15% HCL. Flush w/ 45 BBL 2% KCL
 11/21/2006 (Perfs 8634' - 8692' and 8700' - 8759') Acdz w/ 2500 gals 15% NEFE. Drop 40 BS
 11/29/2006 (Perfs 8518' - 8536') Spot 3 bbls 15% NEFE, Acdz w/ 37 bbls 15% NEFE
 12/8/2006: Upper Penn and Wolfcamp proved non-commercial
 Set CIBP @ 8493 Dump 35' cement on plug
 Well TA'd

Material	Tensile* (lbs)	Burst* (psi)	Collapse* (psi)	Drift (in)	ID (in)	Capacity (bbl/ft)
----------	----------------	--------------	-----------------	------------	---------	-------------------

* Safety Factor Not Included

PREPARED BY: R. Burditt

OFFICE: (432) 683-7063

DATE: 2/7/2006
 Updated: 1/7/2007, 10/5/15 JRG

HOME: