

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

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

WELL API NO.

30-015-31133

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Adobe Flat 18D State Com

8. Well Number

1

9. OGRID Number

20165

10. Pool name or Wildcat

Catclaw Draw (Strawn)

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. Lorame St., Ste. 1010; Midland, TX 79701

4. Well Location

Unit Letter D : 660 feet from the North line and 660 feet from the West lineSection 18 Township 21S Range 26E NMPM Eddy County

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

3264' GR

Pit or Below-grade Tank Application ☐ or Closure ☐Pit type None Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 ☐OTHER: ☐

SUBSEQUENT REPORT OF:

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

Estimated start date: 7/23/07

Set CIBP @ 8850'. Test to 1000#. Dump 35' cement.

Cut casing @ 8600'. Circulate hole w/9.5 ppg mud laden fluid.

POH. GIH w/2 3/8" tubing.

Spot cement plugs:

8650' - 8550' - TAG

6050' - 5950'

3830' - 3730'

2150' - 2050' - TAG

600' - 400' - TAG

50' - Surf

Cut off 8 5/8" casing

Install dry-hole marker

Proposed well sketch is attached

If earthen pits are used in association with this work a pit permit is required prior to construction.**Notify OCD 24 hrs. prior to any work done.**I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.SIGNATURE Ken Krawietz TITLE District Engineer DATE 6/19/07

Type or print name

Ken Krawietz

E-mail address: kkrwietz@samson.com Telephone No. (432) 683-7063

For State Use Only

APPROVED BY: Phil Hansen TITLE FL DATE 7/11/07

Conditions of Approval (if any):

P&A Proposed

Cmt Plug 50'- Surf

34sx

WELL NAME: Adobe Flat 18D State Com #1 **FIELD:** Avalon **OPER:** Devon
STATE: NM **COUNTY:** Eddy **LOCATION:** 18-21-26, 660' FNL & 660' FWL
API NO: 30-015-31133 **SPUD DATE:** 6/21/2000 **FORMATION:** Morrow
TD: 10722' **PBTD:** 10635' **ELEVATION:** 3264' GL, KB 3281' (17')

13 375" @ 493'

Cmt Plug
600'-400'

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 0#	0'	493'				450		Surf
Inter	8 625"	J55	LTC	32 0#	0'	2100'				1015		Surf
Prod	4 500"	P-110		11 6#	0'	10718'	251			430		8670'/CBL
Tbg					0'	9096'						

Remarks:

8/21/06: (Perfs 10556'-10600') Frac w/33,900# 20/40 XRT Gold, 111 tons CO2, and 320 bbls fluid
 9/11/06: (Perfs 10378'-10420') Frac w/49,000# 20/40 XRT Gold, 145 tons CO2 dh, and 401 bbls fluid
 12/27/06: (Formation @ 10556'-10600') Trtd w/1000 gal clay safe acid, 2000 gal Optikleen Flushed w/60 bbls 7% KCL
 4/4/07: (Perfs 8874'-9638') Acdz w/4500 gals 15% NEFE acid Had good ball action balled out @ 7500# w/30 balls on

CAPACITIES

(bbl/ft) (ft/bbl) (cf/ft)
 TBG in #
 CSG 8 625 in 32#

VOLUME BETWEEN

(bbl/ft) (ft/bbl) (cf/ft)
 TBGxCSG x8 625
 TBGxCSG
 CSGxHOLE
 TBGxHOLE
 TBGxHOLE

Cmt Plug 2150'-2050'

8 625 @ 2100'

PERFORATION RECORD

DATE	TOP	BTM	ZONE	STATUS	SPF
8/17/2006	10580'	10600'	Morrow	Abandon	
8/17/2006	10574'	10580'	Morrow	Abandon	
8/17/2006	10556'	10561'	Morrow	Abandon	
9/7/2006	10414'	10420'	Morrow #2	Abandon	3
9/7/2006	10396'	10398'	Morrow #2	Abandon	3
3/7/2006	10378'	10382'	Morrow #2	Abandon	3
4/3/2007	9249'	9638'	Strawn	Abandon	
4/3/2007	8874'	8996'	Strawn	Abandon	

Cmt Plug 3830'-3730'

Cmt Plug 6050'-5950'

Cmt Plug 8650'-8550'

Cut csg @ 8600'

TOC @ 8670'/CBL'

CIBP @ 8850' w/35' cmt (tst to 1000 psi)

8874'-8996' (Strawn Perfs)

Tbg@9096' Pkr @ 9096'

9249'-9638' (Strawn Perfs)

SRC WI%:

LOGS:

LANDMAN:

GEOLOGIST:

TUBULAR GOODS PERFORMANCE

Material	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)
13 375" H40 STC 48#					
8 625" J55 LTC 32#					
" #					

* Safety Factor Not Included

CIBP @ 10358' w/35' cmt (tst to 1000 psi)

10378'-10382', 10396'-10398',

10414'-10420'

Pkr @ 10450'

10556'-10561'

10574'-10580'

10580'-10600'

FC @ 10674'

Tag @ 10635' 12/12/2006

4 5 @ 10718'

DST 10597'-707'

PREPARED BY: R Burditt

DATE: 6/19/2007 (WIP)

Updated:

OFFICE:

FAX:

TD 10722'