

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Samson Resources Co.

3. Address and Telephone No.
2 West 2nd Street, Tulsa, OK 74103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL, 660' FWL, Sec. 24 - 19S - 32E

5. Lease Designation and Serial No.

NM-12413

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SGM1551

8. Well Name and No.

West Tonto Fed. Com-1

9. API Well No.

30-025-26942

10. Field and Pool, or Exploratory Area

Lusk

11. County or Parish, State

Lea, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

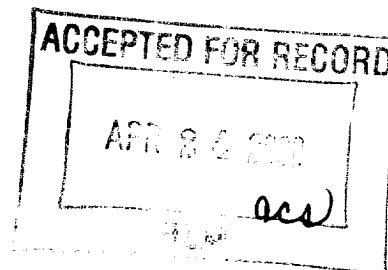
- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12/96 Set CIBP 12080' and 12065', 5 sxs. Class C Cement
Perf. SQ Holes 6155'-56', 150 sxs. Class H
Perf. Delaware 5986'-6036' (101 holes), acidize 3000 gal. 7½% HCL
Frac. with 36,000 gal. SFG 3000, 163,000# 16/30
Swabbed for four days
Hung well on Rod pump



14. I hereby certify that the foregoing is true and correct

Signed

Title

Agent

Date

4-17-2000

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

WELL NAME: West Tonto Federal #1 FIELD: Black East OPERATOR: Samson Hydrocarbons Co.
 STATE: NM COUNTY: SURVEY: Sec 24-19S-32E
 COMP DATE: 1/5/81 SPUD DATE: 11/23/80
 TD: 13700' PBDT: 12065' ELEVATION: 3626' KB ZERO DATUM: 21 FT. ABOVE GL
 FORMATION: Delaware

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEP	SX	WT.	Top Cmt
Cond	20.000	H40	ST&C	94.00#	Surf	39'						Surf
Surf	13.375	K55	ST&C	54.50#	Surf	477'	11	17.500		500/175	Cls C	Surf
Int	8.625	S80	ST&C	32.00#	Surf		117	12.250		627/200	Cls C	Surf
	8.625	S80	ST&C	28.00#						1962/20	Cls C	
	8.625	S80	ST&C	24.00#		4920'						
Prod	5.500	S95	LT&C	17.00#	Surf	13700'	328	7.875		1000	Cls H	8835'
Tbg	2.875	N80	EUE	6.50#	Surf	6052'	196					

COMMENTS:

13.375" @ 477'

BHA (Top Down)

190 jts 2-7/8" tbg

Baker TAC

6 jts 2-7/8" tbg

2-7/8" API SN

2-7/8" x 4' perf sub

2-7/8" x 3" XO

3" x 25' MA jl.

CAPACITIES (BBL/FT) FT/BBL (CF/FT)

TBG: .00579 172.760 .03250

CSG: .02320 43.010 .13050

LINER:

VOLUME BETWE(BBL/FT) FT/BBL (CF/FT)

TBGxCSG: .01520 65.710 .08540

TBGxLNR: .03090 32.407 .17330

CSGxHOLE: .03090 32.407 .17330

LNRxHOLE:

SURFACE EQUIPMENT

Artificial Lift: Pumping

Facility:

PERFORATION RECORD

JSPF	DATE	TOP	BTM	ZONE	STATUS
	12/22/80	13502	13514	Mor. L	CIBP
	12/22/80	13522	13526	Mor. L	CIBP
	8/3/91	13264	13274	Mor. M	CIBP
	8/3/91	13286	13296	Mor. M	CIBP
2	12/10/96	5986	6036	elawar	open

SRC Wt%: 58.6%

SRC NRt%: 49.4%

BHT:

ENGINEER: Eric Outlaw

GEOLOGIST: Jan Wade

TAC @ 5837'

STATUS: Pumping

Perf Delaware @ 5986 - 6036'

SN @ 6022'

NOTE:

Perf Sub @ 6026'

XO @ 6027'

MA @ 6052'

WELL HISTORY

PB'd from Lower Morrow to Middle Morrow 8/91

New zone perforated with Vann guns (still in hole)

Completed natural. Well is depleted.

Estimated TOC @ 8835'

12/96: Recompleted to Delaware (5986-6036')

Acidized w/ 3000 g 7.5% HCl w/ 150 1.3 SG RCN balls,
 2 g Cl-25, 5 gals NE-118, 2 gals Clay control, 9 g FE 270,
 3 g FE 271.

Frac'd w/ 36,000 g SFG 3000, 163,000 sand 16/30 mesh
 Put on pump

Perf Middle Morrow @ 13,264-13,274'

Perf Middle Morrow @ 13,286-13,296'

PBDT 13,365' with 35' cmt plug

CIBP @ 13,400'

pkf @ 13410'

Perf Morrow @ 13502 - 13514'

Perf Morrow @ 13522 - 13526'

PBDT @ 13610'

5.5" @ 13700'

TUBULAR GOODS PERFORMANCE

Material	Tensile* (lbs)	Burst* (psi)	Collapse* (psi)	Drift (in)	ID (in)	Capacity (bbl/ft)
20" 94# H40 ST&C	581,000	1,530	520	18.936	19.124	
13.375" 54.5# K55 ST&C	547,000	2,730	1,130	12.459	12.615	
8.625" 32# S80 ST&C	--	--	--	--	--	--
8.625" 28# S80 ST&C	--	--	--	--	--	--
8.625" 24# S80 ST&C	--	--	--	--	--	--
5.5" 17# S95 LT&C	374,000	9,190	6,930	4.767	4.892	
2.875" 6.5# N80 EUE	105,570	10,570	11,160	2.347	2.441	

* Safety Factor Not Included

PREPARED BY: Eileen Schafer Bader
 for Jeff Ross

OFFICE: (918) 591-1922

DATE: March 1 1995

HOME: (918) 250-7154

Updated: May 16, 1996

Updated: Dec. 16, 1998