

Office

District I

1625 N. French Dr Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S St Francis Dr., Santa Fe, NM 87505

87505

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

June 19, 2008

WELL API NO.

30-025-20895

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

C.S. Caylor, Sr. Estate

8. Well Number

7

9. OGRID Number

20165

10. Pool name or Wildcat

Lovington; Queen (Gas)

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. Loraine St, Ste. 1010, Midland, TX 79701

4. Well Location

Unit Letter E : 1650 feet from the North line and 330 feet from the West lineSection 6 Township 17S Range 37E NMPM Lea County

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

3812 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 ☐

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.

Blow down. Load hold.

ND tree. NU 3k BOP.

Rls pkr and POH.

GIH w/ resident tbg to PBD.

Circ hole w/ 9.5 ppg mud.

Spot 100' cmt plugs @ following depths:

3870'-3770'.

3275'-3175'. Tag plug.

415'-315'. Tag plug.

80'-0'.

ND BOP. Cut off Wellheads.

Install P & A marker.

The Oil Conservation Division **Must be notified**
24 hours prior to the beginning of plugging operations

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

SIGNATURE

TITLE

District Engineer

DATE

10/29/08

Type or print name

Kenny Krawietz

E-mail address:

kkrawietz@samson.com

PHONE: 432-683-7063

For State Use Only

APPROVED BY:

TITLE

PETROLEUM ENGINEER

DATE

NOV 04 2008

Conditions of Approval (if any):

WELL NAME: Caylor C.S. Sr. Estate #7		SPUD: 2/10/1964		LEASE #: 030250	
COUNTY: Lea		RR: 3/8/64		SURVEY: Sec 6-17S-37E	
STATE: NM		COMPL: 3/17/64		FIELD: Lovington	
API #: 30-025-20895		FORMATION: Queen			
TD: 8432'		PBTD: 8432'		ELEVATION: 3827 5 KB, 3816' DF	

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEP	SX	WT.	Top Cmt
Surf	13 375	H40	ST&C	48.00#	Surf	365'	11	17.500		375		Surf
Int	8.625	J55	ST&C	24.00#	Surf	----	100	11		833		670' (TS)
	8.625	H40	ST&C	32.00#	----	3225'						
Prod	4.500	N80	ST&C	11.60#	Surf	----	262	7.875		3188		
	4.500	J55	ST&C	10.50#	----	----				396	Stg1	6300'-calc
	4.500	N80	L&TC	9.50#	----	8404'				2792	Stg2	Surf
Tbg	2.875	L80	EUE		Surf	3808'	116					

REMARKS:

For historical remarks (3/11/64 thru 6/96) view comments

4/00: Injection rate test. PU Baker 4-1/2" (model 43 A full bore) pkr & 2-3/8" SN Set pkr @ 8090'.

6/00: Acdz w/4500 gal 15% NEFE. POH w/tbg & pkr

2/06: Set CIBP @ 8116'. Test to 550# - would not repeat for OCD test

11/17/06: (Perfs 7965' - 8048') Acdz. Spot 2 bbls, 15% NEFE acid Load backside w/250#, started down tbg w/2% Kcl, broke at 3600#/1 7 rate Started acid, 15% NEFE, increased to 4.5 bpm Bailed out w/20 balls on formation, 7000#, surged off

11/21/06: (Perfs 6864' - 7552') Acdz w/4000 gals, dropped 80 balls, had some ball action w/ 37 balls & 63 balls, did not ball out,

11/30/06: W/pkr @ 6830', acdz, pumping 5 bpm, 4800#. Dropped 127 balls. No ball action

1/8/07: (Perfs 3870' - 3890') Acdz w/300 gals, 7 5% NEFE acid Flush w/17 bbls 2%. Formation broke @ 2950#/2.5 bpm. Broke to 2850#. Finish job @ 3250#/4.2 bpm.

1/27/07: (Perfs 3870' - 3890') Frac pumping 16/30 Brady w/expedite, 25,500#

CSG COLLARS

ELM/GRM

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

TBG:

CSG:

LINER

VOL BETWEEN (BBL/FT) (FT/BBL) (CF/FT)

TBGxCSG:

TBGxLNR:

CSGxHOLE:

LNRxHOLE:

Before
P + A

SRC WI%: 100%

ZONE/PENALTY:

SRC OFFSET/ZONE:

FORCE POOL:

BHT:

LOGS: CNL/GR

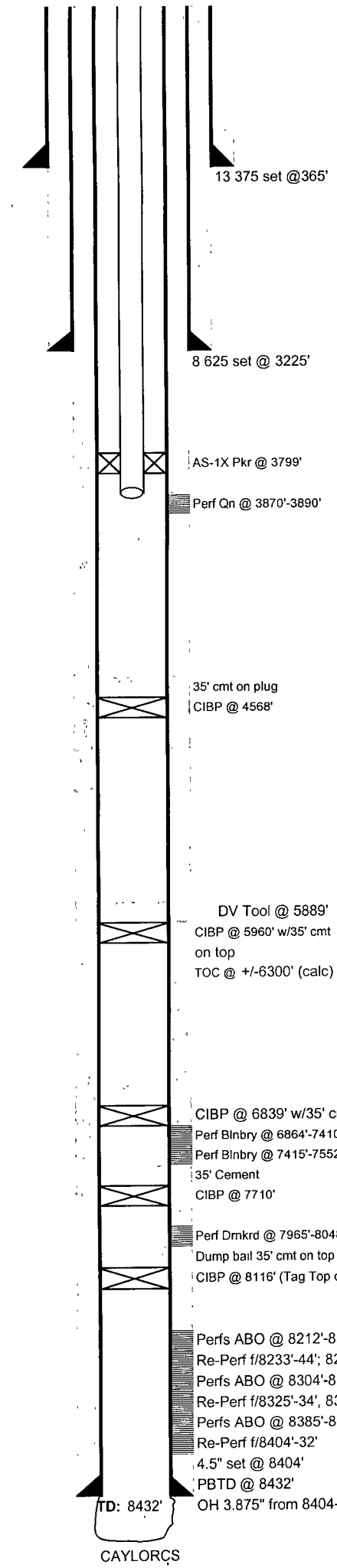
EST WHSIP:

PERFORATION RECORD	
DATE	TOP BTM ZONE STATUS
03/11/64	8404 8432 ABO OH/Abdn
03/28/78	8385 8391 ABO Inactive
03/11/64	8304 8350 ABO Inactive
08/21/73	8212 8317 ABO Inactive
11/16/06	7965 8048 Dmkrd Inactive
11/20/06	7415 7552 Blnbry Inactive
11/21/06	6864 7410 Blnbry Inactive
01/05/07	3870 3890 Queen Active

ENGINEER: Kenneth Krawietz		GEOLOGIST: Ron Johnson	
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TUBULAR GOODS PERFORMANCE						
Material	Tensile* (lbs)	Burst* (psi)	Collapse (psi)	Drift (in)	ID (in)	Capacity (bbl/ft)
13.375" 48# H40 ST&C	322,000	1,730	770	12 559	12 715	15705
8 625" 24# J55 ST&C	244,000	2,950	1,370	7 875	8 097	06369
8.625" 32# H40 ST&C	279,000	2,860	2,210	7.796	7 921	.06095
4.5" 11 6# N80 ST&C	223,000	7,780	6,350	3.875	4.000	.01554
4.5" 10 5# J55 ST&C	202,220	10,160	10,530	2.867	2.922	.00829
4 5" 9.5# N80 L&TC	101,000	4,380	3,310	3.965	4 090	.01625

* Safety Factor Not Included



ENGINEER: Hari Narayana
PREPARED BY: Eileen Schafer
DATE: 4/4/95
Updated: 5/9/00 JDB
 4/17/07 RB

OFFICE: (432) 683-7063
FAX#: (432) 683-6847

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Prod	4.500	N80	ST&C	11.60#	Surf	----	262	7.875		3188		
	4.500	J55	ST&C	10.50#	----	----				396	Stg1	6300'-calc
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Tbg	2.875	L80	EUE		Surf	3808'	116					

REMARKS:	CSG COLLARS	ELM/GRM
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CAPACITIES	(BBL/FT)	FT/BBL	(CF/FT)
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TBG:

CSG:

LINER:

VOL BETWEEN	(BBL/FT)	(FT/BBL)	(CF/FT)
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TBGxCSG:

TBGxLNR.

CSGxHOLE.

LNRxHOLE:

PERFORATION RECORD

DATE	TOP	BTM	ZONE	STATUS
03/11/64	8404	8432	ABO	OH/Abdn
03/28/78	8385	8391	ABO	Inactive
03/11/64	8304	8350	ABO	Inactive
08/21/73	8212	8317	ABO	Inactive
11/16/06	7965	8048	Drnkrd	Inactive
11/20/06	7415	7552	Blnbry	Inactive
11/21/06	6864	7410	Blnbry	Inactive
01/05/07	3870	3890	Queen	Active

SRC Wt%:	%
ZONE/PENALTY:	
SRC OFFSET/ZONE	
FORCE POOL:	
BHT:	EST WHSIP:
LOGS:	CNL/GR

ENGINEER:	Kenneth Krawietz	GEOLOGIST:	Ron Johnson
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