

Submit 3 Copies To Appropriate District
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

State of New Mexico
Energy, Minerals and Natural Resources

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

MAR 02 2009

Form C-103

June 19, 2008

WELL API NO.
30-015-34644

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Livingston Ridge 36 State

8. Well Number

1

9. OGRID Number

20165

10. Pool name or Wildcat

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

3. Address of Operator

200 N Loraine St, Ste 1010, Midland, TX 79701

4. Well Location

Unit Letter O : 660 feet from the South line and 1980 feet from the East line

Section 36 Township 22S Range 31E NMPM Eddy County

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

3471' 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:

Recomplete to Morrow; Dually complete w/Atoka

☒

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.

1/19/09:

MIRU PU. ND tree. NU BOP.

POH w/ pkr.

Retrieve RBP w/ 14297.

Run completion assembly.

Open sleeve. Swab test Atoka.

Close sleeve. Press test tbg to 920 psi.

No communication between Morrow & Atoka.

Unable to pump off pump out plug.

Press test tbg to 5000. No communication.

Cut and perf tailpipe.

2/4/09:

Flow test Morrow up tbg.

10/64 ck 93 BW 0 BO 580 mcf w/ FTP 1050 psi.

Atoka Shut in.

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

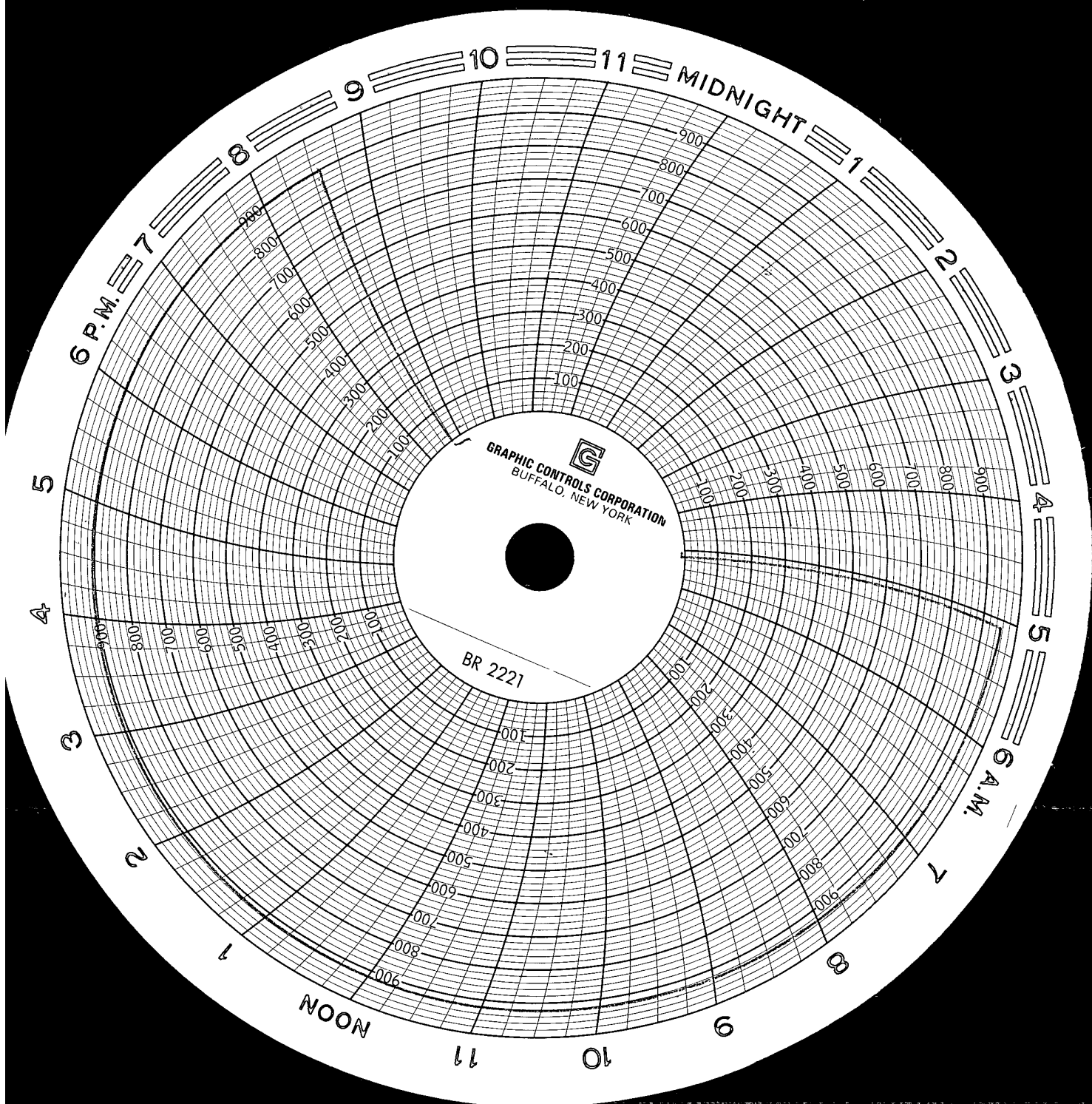
SIGNATURE Kenny Krawietz TITLE District Engineer DATE 02/25/2009

Type or print name Kenny Krawietz E-mail address: kkrawietz@samson.com PHONE: 432-683-7063

For State Use Only

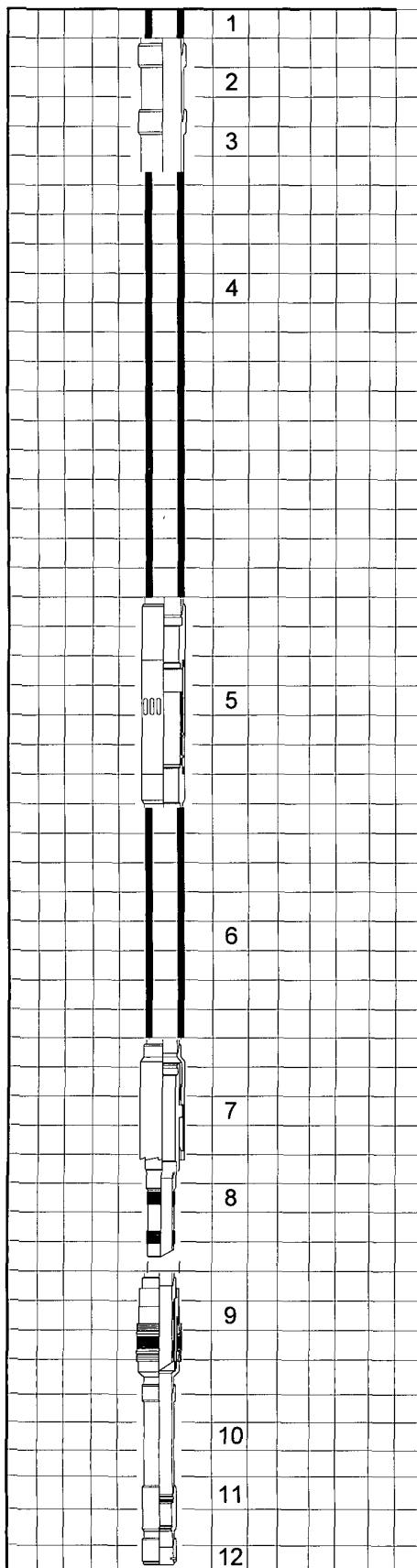
APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):





Weatherford



COMPANY		PREPARED FOR		TELEPHONE		DATE
Samson Res.		Tracy Headstream		575-706-8963		2/16/2009
WELL NAME		FIELD NAME		COUNTY		State
Livingston Ridge 36 St. 1				Eddy		NM
CASING	SIZE	WEIGHT	GRADE	Nominal I D.		Drift I.D
	4 1/2	13.5	P110	3 920		3.795
LINER	SIZE	WEIGHT	GRADE	THREAD		DEPTH
TUBING	SIZE	WEIGHT	GRADE	THREAD		DEPTH
	2 3/8	4.7#	P-110	RTS-8 (CS Hydrill)		
DESCRIPTION			I.D.	O.D.	LENGTH	DEPTH
KB					28.00	28.00
1) 1jts 2 3/8 RTS-8 TBG			1.99	2.375	32.65	60.65
2) 2' Sub RTS -8 Trd			1.990	2.375	2.10	62.75
3) 10' RTS -8 Sub			1.99	2.375	10.10	72.85
4) 436 Jts RTS -8 TBG			1.99	2.375	13513.59	13586.44
5) 1.87BXN Sliding Sleeve Open Down			1.877	3.080	3.81	13590.25
6) 24 jts RTS-8 TBG			1.99	2.375	746.05	14336.30
7) 4 1/2 O/O Tool W/ 1.81F Profile			1.81	3.375	1.85	14338.15
8) seal Assmbley			1.99	2.50	1.85	14340.00
9) 4 1/2 Arrowdrill elements @			2.50	3.63	2.50	14340.00
					end pkr	14342.50
10) 4' 2 3/8 L-80 Sub			1.99	2 3/8	4.10	14346.60
11) 1.87XN Nipple			1.79	2.00	1.10	14347.70
12) 2 3/8 Pump Out Plug			2.00	3.06	0.44	14348.14
PACKER TYPE: 4 1/2 Arrowdrill						
NO. OF JOINTS IN WELL: 461 Jts						
COMPRESSION ON PACKER: 22 Points						
SMALLEST I.D. IN WELLBORE: 1 81						
ANULUS TREATED: TESTED TO:						
PERFORATIONS:						
P.B.T.D 14900						
PREPARED BY			OFFICE		TELEPHONE	
Chris Cleveland			(505) 631-7607		HOBBS	
					(505)393-1717	

WELL NAME:	Livingston Ridge 36 State #1	FIELD:	Red Tank South	LSE#:	039036
STATE:	NM	COUNTY:	Eddy	LOCATION:	660' FSL & 1980' FEL of 36-22S-31E
API NO:	30-015-34644	SPUD DATE:	3/25/2006	FORMATION:	Atoka
TD:	15230'	PBTD:	15206'	ELEVATION:	3471' GL

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	13 375"	J55	ST&C	54 55#	0'	1576'	36	17 500"		795		Surf
Inter	9 625"	HCK-55	BTC	40 00#	0'	4615'	109	12 250"		1640		Surf
Inter	7 000"	HCP-110	LTC	26 00#	0'	12518'	305	8 750"		960		4000' est
Prod	4 500"	P-110	LTC	13 50#	0'	15230'	356	6 125"		750		7200'
Tbg	2 375"	P-110	RTS-8	4 70#	0'	13615'	436					

Remarks:

4-22-06: Wtr flow F/Bone Sprgs (8500' base of wtr flow) - sqz & cmt (600 sxs) 7" csg annulus

5-30-06: (Perfs 15074'-15092') Break down formation @ 2 7 BPM, @ 5438# Pumped 10 bbls
4% KCL in formation No gas

6-9-06: Set CIBP @ 14900' (Perfs 14620'-14642') Break down formation @ 4175#
Pumped 10 bbls 7% KCL after breakdown @ 3 6 BPM, @ 3714#

6-26-06: (Perfs 14620'-14642') Frac well w/50,000# 20/40 Bauxite, 180 tons Co2 downhole,
and 500 bbls fluid

7-6-06: (Perfs 14446'-14451') Break down @ 4550# Pumped 10 bbls into
formation @ 4675#, @ 5 bpm

7-10-06: (Perfs 14446'-14451') Frac w/49,745# 20/40 Bauxite, 136 tons CO2 downhole
Screened out with 9450# on formation

8-1-06: Set Arrowdrill permanent packer @ 14340'

8-12-06: Set RBP @ 14297'

8-21-06: (Perfs 13686'-14237') Acdz w/4500 gals 7 5% NeFe acid and 54 (1 3) SGBS
Balled out w/32 balls on formation

10-12-06: Ran prod log Prod is from 13686'-13688'

6-28-07: (Perfs 13686'-14237') Frac w/354 bbls fluid, 102 tons Co2, and 23,300# 20/40 Bauxite

3-11-08: Ran 165 hr PBU test Last BHP 6032 psi
Test morrow perfs

2-09-09: Dual complete the Morrow and Atoka

CAPACITIES				(bbl/ft)	(ft/bbl)	(cf/ft)
TBG	2 375 in	4 7#		00387	258 65	02171
CSG	4 5 in	13 5#		01490	66 99	08380

VOLUME BETWEEN				(bbl/ft)	(ft/bbl)	(cf/ft)
TBGxCSG	2 375x4 5					
TBGxCSG						
CSGxHOLE						
TBGxHOLE						
TBGxHOLE						

PERFORATION RECORD					
DATE	TOP	BTM	ZONE	STATUS	SPF
5/30/2006	15088'	15092'	Morrow	Abandoned	4
5/30/2006	15074'	15080'	Morrow	Abandoned	4
6/9/2006	14630'	14642'	Morrow	Active	4
6/9/2006	14620'	14626'	Morrow	Active	4
7/6/2006	14446'	14451'	Morrow	Active	4
8/17/2006	14016'	14237'	Atoka	Active	2
8/17/2006	13686'	13970'	Atoka	Active	2

Tbg Detail as of:

7" @ 12518'

MJ@13033'

SS @ 13590'

MJ@14131'

13686' - 14237'

On/Off Tool @ 14338'

Perm Pkr @ 14340'

14446' - 14451' - Morrow

14620' - 14642' - Morrow

CIBP @ 14900'

15074' - 15080, 15088 - 15092 - Morrow

FC@15182'

FS@15228'

4 5" @ 15230'

PBTD @ 15206'

SRC Wt%:					
LOGS: CBL/GR/CCL, CSL, DLL/MGRD, SDN/DSN					
LANDMAN: Rita Buress		GEOLOGIST: Ron Johnson			
TUBULAR GOODS PERFORMANCE					
Material	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)
13 375" J55 ST&C 54 55#	12 615	12 459	1,130	2,730	514,000
7" HCP-110 LTC 26#	6 276	6 151	7,800	9,950	693,000
4 5" P-110 LTC 13 5#	3 920	3 795	10,670	12,410	338,000
* Safety Factor Not Included					

PREPARED BY: R Burditt

DATE: 5/26/2006

Updated: 9/4/2007

RB

OFFICE: (432) 683-7063

FAX: (432) 683-6847