

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

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-025-22094

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Lawson State

8. Well Number #1

9. OGRID Number
229137

10. Poolname or Wildcat
Reeves;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
COG Operating, LLC

3. Address of Operator
600 W. Illinois Ave, Midland, TX 79701

4. Well Location

Unit Letter F : 1923 feet from the S line and 2043 feet from the W line
Section 24 Township 18S Range 35E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3877' 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 ☐
CLOSED-LOOP SYSTEM ☐
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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Set 4 1/2" CIBP @ 10,871'. Circulate hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 10,871-10,671'.
2. Spot 25 sx cmt @ 6825-6475'. (Bone Spring) SPOT 25 SX CMT 8000
3. Perf & Sqz 30 sx cmt @ 5038-4838'. (San Andres)
4. Perf & Sqz 30 sx cmt @ 3674-3474'. WOC & Tag (8 5/8" Shoe)
5. Perf & Sqz 45 sx cmt @ 3250-2950'. WOC & Tag (B/Salt)
6. Perf & Sqz 30 sx cmt @ 1905-1705'. WOC & Tag (T/salt)
7. Perf & Sqz 60 sx cmt @ 420' to surface. (13" Shoe)
8. Cut off well head, verify cmt to surface, weld on Dry Hole Marker.

SPOT MLF BETWEEN ALL PLUGS

See Attached
Conditions of Approval

Spud Date:

Rig Release Date:

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

SIGNATURE Delilah Flores TITLE: Regulatory Technician

DATE: 3/30/2020

Type or print name: Delilah Flores

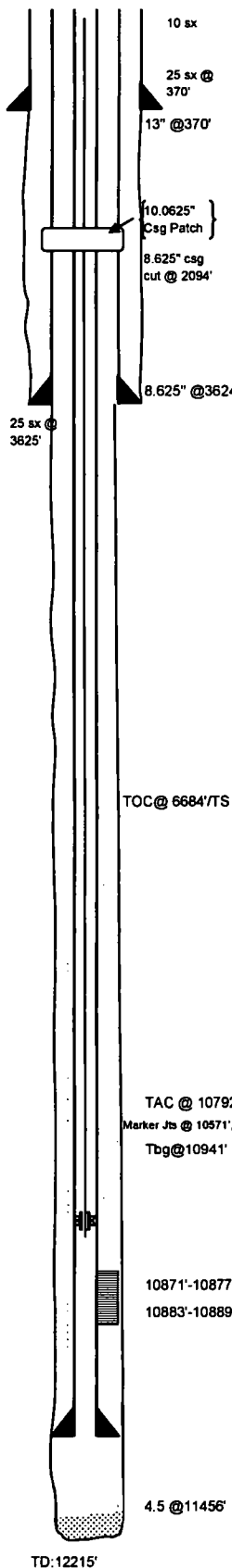
E-mail address: dflores2@concho.com

PHONE: (575) 308-7264 (cell)

For State Use Only

APPROVED BY: Kerry Fath TITLE COA DATE 4-3-20

Conditions of Approval (if any)



WELL NAME: Lawson State #1
STATE: NM
API NO: 30-025-22094
TD: 12215'
FIELD: Reeves
COUNTY: Lea
SPUD DATE: 5/10/1967
PBTD: 11425'
LSE#: 039409
LOCATION: 24F-18S-35E (1923' FSL & 2043' FWL)
FORMATION:
ELEVATION: 3877' GL, 3890' KB (13')

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	13.000"			48.0#	0'	370'	15	16.000"		350		Surf
Patch	10.063"		8rd	24# & 32#	2094'	2095'	95	12.250"		800		Surf
Inter	8.625"	J55	STC	24# & 32#	0'	3624'	95	12.250"		300		
Prod					0'							
Liner	4.500"	P-110	LTC	11.6#	0'	11456'	277	7.875"		850		6684/TS
Tbg	2.375"	L-80	8rd	4.7#	0'	10941'	331					

Remarks:

DST: 10870' - 10918'; 12112' - 12215';
 8/31/2006: Out of csg @ 2109'
 9/8/2006: Fell thru by 3690'
 9/19/2006: (Perfs 10871'-10889') Acidize with 1000 gals
 10/31/2006: (Perfs 10871'-10889') Frac with 47,000# 20/40 Versaprop, 153 tons CO2 downhole, and 390 bbls fluid.

CAPACITIES (bbl/ft) (ft/bbl) (cf/ft)

TBG: 2.375 in. 4.7#
 CSG: 8.625 in. 24# & 32##

VOLUME BETWEEN (bbl/ft) (ft/bbl) (cf/ft)

TBGxCSG: 2.375x8.625
 TBGxCSG:
 CSGxHOLE:
 TBGxHOLE:
 TBGxHOLE:

PERFORATION RECORD

DATE	TOP	BTM	ZONE	STATUS	SPF
9/19/2006	10883'	10889'	Atoka	Active	3
9/19/2006	10871'	10877'	Atoka	Active	3

TOC @ 6684/TS

Tubing Details as of 4/17/09:
 332 JTS 2.375" L80 EUE 8RD 4.7# TBG 10792
 4.5" X 2.375" TAC W/ 50K SHEAR. 16K TENSION @ 10792
 3 JTS 2.375" L80 EUE 8RD 4.7# TBG 97
 1 X 2.375" L80 EUE 8RD 4.7# TBG SUB 11
 2.375" API SN @ 10904
 1 X 2.375" PERF SUB 4
 1 JT X 2.375 TBG W/PIN COLLAR 32 EOT @ 10941

SRC WIT:

LOGS:

LANDMAN:

GEOLOGIST:

TUBULAR GOODS PERFORMANCE

Material	ID (in)	Drift (in)	Collapse* (psl)	Burst* (psl)	Tensile* (lbs)
13" 48#					
8.625" J55 STC 24# & 32##					
2.375" L-80 8rd 4.7#					

* Safety Factor Not Included

Pump Details as of 4/17/09:
 26' X 1.25" PR W/ 16' X 1.5" LINER
 2 - 4', 1 - 6', 1 - 8' X 7/8" SUBS
 187 X 7/8" WTF T-66 RODS
 227 X 3/4" WTF T-66 RODS
 18 X 7/8" WTF T-66 RODS
 3/4" X 26K SHEAR TOOL
 7/8" STABILIZER SUB W/ 3/4" PINS
 20-125-RHBC-24-4-0 W/ HVR, BDV, PAP (-.004 FIT), 219" STROKE, DOUBLE VALVE SV, 3/4" PIN
 1" X 20' GA

PREPARED BY: R Burditt

DATE: 11/20/2008

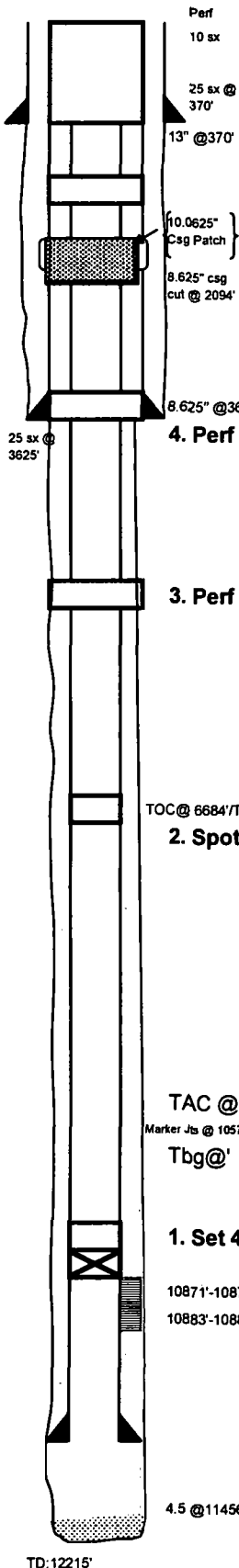
Updated: 4/20/2007

RB

OFFICE:

FAX:

WELL NAME:		Lawson State #1		FIELD: Reeves		LSE#: 039409						
STATE:		NM		COUNTY: Lea		LOCATION: 24F-18S-35E (1923' FSL & 2043' FWL)						
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3. Perf & Sqz 30 sx cmt @ 5038-4838'. (San Andres)

2. Spot 25 sx cmt @ 6825-6475'. (Bone Spring)

TAC @ 10792'

Marker Jts @ 10571', 10757'

Tbg@'

1. Set 4 1/2" CIBP @ 10,871'. Circulate hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 10,871- 10,671'.

10871'-10877'

10883'-10889'

4.5 @ 11456'

TD: 12215'