

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

Form C-103
May 27, 2004

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

WELL API NO.
30-015-29606

Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Willow State

8. Well Number
003

9. OGRID Number
229137

10. Pool name or Wildcat
Fren; Glorieta-Yeso 26770

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
550 W. Texas Ave., Suite 100 Midland, TX 79701

Well Location

Unit Letter P : 330 feet from the South line and 760 feet from the East line
Section 16 Township 17S Range 31E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3839 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:

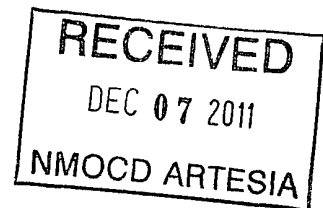
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Add Paddock Perfs ☒

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.

Adding Paddock perfs:

11/08/11 MIRU
11/10/11 Perf Paddock @ 4958 - 5200 w/ 1 SPF, 26 holes. Set RBP @ 5260.
11/14/11 Acidize w/3000 gals 15% HCL acid. Frac w/161,528 gals gel, 174,408# 16/30 Brown sand, 27,071# 16/30 CRC.
11/17/11 Release RBP.
11/21/11 RIH w/ 168 jts 2-7/8" J55 tbg, EOT @ 5216.
11/22/11 RIH w/ 2-1/2" x 2" x 24' pump. Hang on well.



SIGNATURE N. Aaron TITLE Regulatory Analyst DATE 12/5/11

Type or print name Netha Aaron E-mail address: oaaron@conchoresources.com PHONE: 432-818-2319

For State Use Only

APPROVED BY: T. L. Shumard TITLE Geologist DATE DEC 08 2011
Conditions of Approval (if any):

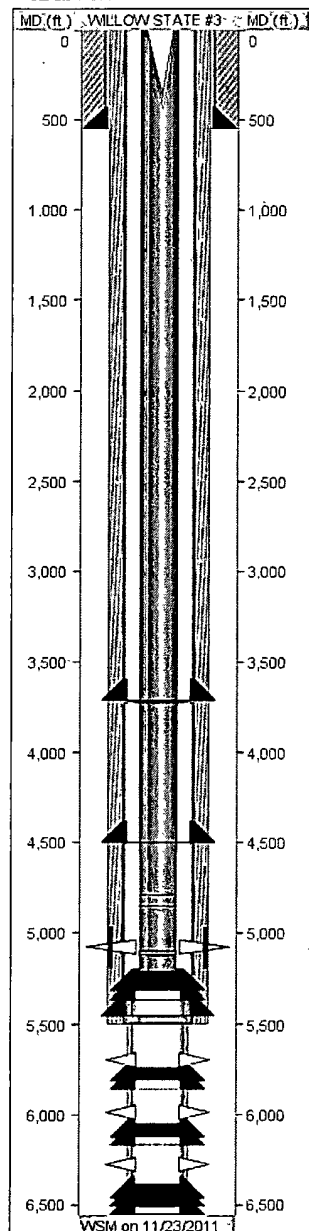
dm

Well ID: 30-015-29606

Well Name: WILLOW STATE #3

Event#: 12.00

Report Dates: 11/23/2011



PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	CASING		0.00	547.00	547.00	8.63	8.10	24.0	J-55	
PRODUCTION	FLOAT SHOE		5495.90	5497.00	1.10	5.50	4.89	17.0	J-55	
PRODUCTION	TUBING	1	5453.90	5495.90	42.00	5.50	4.89	17.0	J-55	
PRODUCTION	FLOAT COLLAR	1	5452.80	5453.90	1.10	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	4500.80	5452.80	952.00	5.50	4.89	17.0	J-55	
PRODUCTION	DV TOOL	1	4497.80	4500.80	3.00	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	3726.00	4497.80	771.80	5.50	4.89	17.0	J-55	
PRODUCTION	MARKER JOINT	1	3712.00	3726.00	14.00	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	0.00	3712.00	3712.00	5.50	4.89	17.0	J-55	
TUBING	BULL PLUG		5215.77	5216.52	0.75	2.88	2.44	6.5	J55	8
TUBING	TUBING	3	5122.74	5215.77	93.03	2.88	2.44	6.5	J55	8
TUBING	DESANDER		5103.44	5122.74	19.30	2.88	2.44	6.5	J55	8
TUBING	SEAT NIPPLE		5102.34	5103.44	1.10	2.88	2.44	6.5	J55	8
TUBING	TUBING	8	4854.26	5102.34	248.08	2.88	2.44	6.5	J55	8
TUBING	TUBING ANCHOR		4851.56	4854.26	2.70	2.88	2.44	6.5	J55	8
TUBING	TUBING	2	4789.55	4851.56	62.01	2.88	2.44	6.5	J55	8
TUBING	MARKER JOINT		4787.55	4789.55	2.00	2.88	2.44	6.5	J55	8
TUBING	TUBING	154	0.00	4787.55	4787.55	2.88	2.44	6.5	J55	8
TUBING	TUBING	1	0.00	4547.57	4547.57	2.88	2.44	6.5	J-55	
PRODUCTION LINER	FLOAT SHOE		6552.55	6554.00	1.45	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6508.18	6552.55	44.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6506.81	6508.18	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	FLOAT COLLAR		6505.16	6506.81	1.65	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6462.12	6505.16	43.04	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6460.75	6462.12	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	7	6169.52	6460.75	291.23	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6168.15	6169.52	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6123.80	6168.15	44.35	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6122.43	6123.80	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	6	5856.59	6122.43	265.84	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5855.22	5856.59	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5810.84	5855.22	44.38	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5809.47	5810.84	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	10	5366.18	5809.47	443.29	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5364.81	5366.18	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5320.45	5364.81	44.36	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5319.08	5320.45	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5274.52	5319.08	44.56	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	STAGE TOOL		5271.47	5274.52	3.05	4.00	3.43	11.6	L80	UTFJ

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CEMENTING					
STRING NAME	STAGE #	LEAD TOP (est) (ft)	LEAD TOP (ver) (ft)	TAIL TOP (est) (ft)	TAIL TOP (ver) (ft)
SURFACE	1	0.0	0.0		
PRODUCTION	1	4500.0	4500.0		
PRODUCTION	2	0.0	1600.0		
PRODUCTION	3	0.0	0.0		
PRODUCTION LINER	1	5271.0	5271.0	5271.0	5271.0

BHA STRING					
DRILL EQUIP CODE	DESCRIPTION		LENGTH	OD SIZE	ID SIZE

PERFORATION							
ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
1	09/16/1997	PADDOCK	4966.00	5202.00			Y
1	11/15/2011	PADDOCK	4958.00	5200.00			
2	06/22/2004	SQUEEZE PERFS	570.00	571.00			Y
2	06/22/2004	SQUEEZE PERFS	980.00	981.00			Y
2	06/22/2004	SQUEEZE PERFS	1500.00	1501.00			Y
3	03/18/2011	LOWER BLINEBRY	6180.00	6370.00	0.26	27.00	
4	03/21/2011	MIDDLE BLINEBRY	5890.00	6080.00	0.41	27.00	
5	03/21/2011	UPPER BLINEBRY	5600.00	5790.00	0.41	27.00	