

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.
30-015-29495

Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Willow State

8. Well Number
005

9. OGRID Number
229137

10. Pool name or Wildcat
Mar Loco; Glorieta Yeso 97866

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 I : 2310 feet from the South line and 330 feet from the East line
Section 16 Township 17S Range 31E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3858' 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:

11/14/11 MIRU

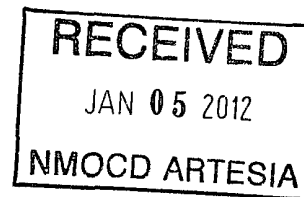
11/16/11 Set RBP @ 5260.

11/21/11 Perf Paddock @ 5032 - 5230 w/ 1 SPF, 26 holes. Acidize w/3000 gals 10% HCL acid. Frac w/176,778 gals gel, 199,889# 16/30 White sand, 29,040# 16/30 SiberProp.

12/08/11 Release RBP.

12/12/11 RIH w/ 166 jts 2-7/8" J55 tbg, EOT @ 5235.

12/14/11 RIH w/ 2-1/2" x 2" x 24' pump. Hang on well.



SIGNATURE N. Aaron TITLE Regulatory Analyst DATE 1/3/12

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

For State Use Only

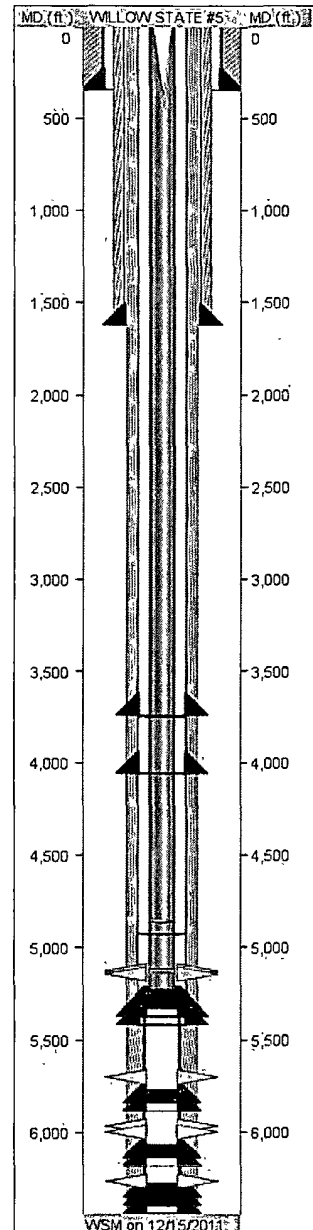
APPROVED BY: T. C. Shepard TITLE Geologist DATE 1/12/2012
Conditions of Approval (if any):

Well ID: 30-015-29495

Well Name: WILLOW STATE #5

Event#: 10.00

Report Dates: 12/15/2011



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	343.00	343.00	13.38	12.71	48.0	H-40	
INTERMEDIATE #1	CASING		0.00	1625.00	1625.00	8.63	8.10	24.0	J-55	
PRODUCTION	FLOAT SHOE		5414.50	5416.00	1.50	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	5372.50	5414.50	42.00	5.50	4.89	17.0	J-55	
PRODUCTION	FLOAT COLLAR	1	5371.00	5372.50	1.50	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	4060.00	5371.00	1311.00	5.50	4.89	17.0	J-55	
PRODUCTION	DV TOOL	1	4057.00	4060.00	3.00	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	3754.00	4057.00	303.00	5.50	4.89	17.0	J-55	
PRODUCTION	MARKER JOINT	1	3740.00	3754.00	14.00	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	0.00	3740.00	3740.00	5.50	4.89	17.0	J-55	
TUBING	BULL PLUG		5234.52	5235.37	0.85	2.88	2.44	6.5	BULL	8-RD
TUBING	TUBING	3	5140.34	5234.52	94.18	2.88	2.44	6.5	J-55 TBG	8-RD
TUBING	DESANDER		5121.04	5140.34	19.30	2.88	2.44	6.5	DESAND	8-RD
TUBING	SEAT NIPPLE		5119.94	5121.04	1.10	2.88	0.25	6.5	SEAT	8-RD
TUBING	TUBING	6	4931.31	5119.94	188.63	2.88	2.44	6.5	J-55 TBG	8-RD
TUBING	TUBING ANCHOR		4928.46	4931.31	2.85	5.50	2.44	6.5	TBG	8-RD
TUBING	TUBING	2	4865.59	4928.46	62.87	2.88	2.44	6.5	J-55 TBG	8-RD
TUBING	MARKER JOINT		4863.47	4865.59	2.12	2.88	2.44	6.5	MJ	8-RD
TUBING	TUBING	155	0.00	4863.47	4863.47	2.88	2.44	6.5	J-55 TBG	8-RD
TUBING			0.00	0.00	0.00					
PRODUCTION LINER	FLOAT SHOE		6443.55	6445.00	1.45	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6401.16	6443.55	42.39	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6399.79	6401.16	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	FLOAT COLLAR		6398.14	6399.79	1.65	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6354.57	6398.14	43.57	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6353.20	6354.57	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	4	6184.57	6353.20	168.63	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6183.20	6184.57	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6141.72	6183.20	41.48	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6140.35	6141.72	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	6	5886.37	6140.35	253.98	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5885.00	5886.37	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5842.07	5885.00	42.93	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5840.70	5842.07	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	*11	5371.81	5840.70	468.89	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5370.44	5371.81	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5329.79	5370.44	40.65	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5328.42	5329.79	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5286.44	5328.42	41.98	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	STAGE TOOL		5283.39	5286.44	3.05	4.00	3.43	11.6	L80	UTFJ

Well ID: 30-015-29495

Well Name: WILLOW STATE #5

Event#: 10.00

Report Dates: 12/15/2011

PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
PRODUCTION LINER	CASING		5271.00	5283.39	12.39					

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		
INTERMEDIATE #1	1	0.0	0.0		
PRODUCTION	1	4060.0	4060.0		
PRODUCTION	2	0.0	1680.0		
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	05/29/1997	PADDOCK	5042.00	5254.00			N
2	04/06/2011	BLINEBRY	6190.00	6346.00	0.41	25.00	
3	04/07/2011	BLINEBRY	5898.00	6037.00	0.41	25.00	N
3	04/07/2011	BLINEBRY	5900.00	6100.00	0.41	25.00	N
4	04/07/2011	BLINEBRY	5600.00	5800.00	0.41	25.00	N
5	11/18/2011	PADDOCK	5032.00	5230.00			N