

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. 30-015-32844
Indicate Type of Lease STATE ☒ FEE ☐
State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Willow State
8. Well Number 004
9. OGRID Number 229137
10. Pool name or Wildcat Mar Loco; Glorieta-Yeso 97866 ✓

Well Location
Unit Letter P : 1190 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.)
3854 GR

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

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:

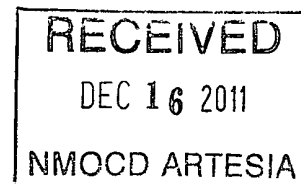
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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:

11/10/11 MIRU
11/13/11 Set RBP @ 5291.
11/14/11 Perf Paddock @ 5010 - 5200 w/ 1 SPF, 26 holes.
11/27/11 Acidize w/3000 gals 10% HCL acid. Frac w/157,543 gals gel, 193,472# 16/30 White sand, 25,443# 16/30 CRC.
11/29/11 Release RBP.
12/02/11 RIH w/ 167 jts 2-7/8" J55 tbg, EOT @ 5259.
12/06/11 RIH w/ 2-1/2" x 2" x 24' pump.
12/07/11 Hang on well.



SIGNATURE N Aaron TITLE Regulatory Analyst DATE 12/14/11

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

For State Use Only

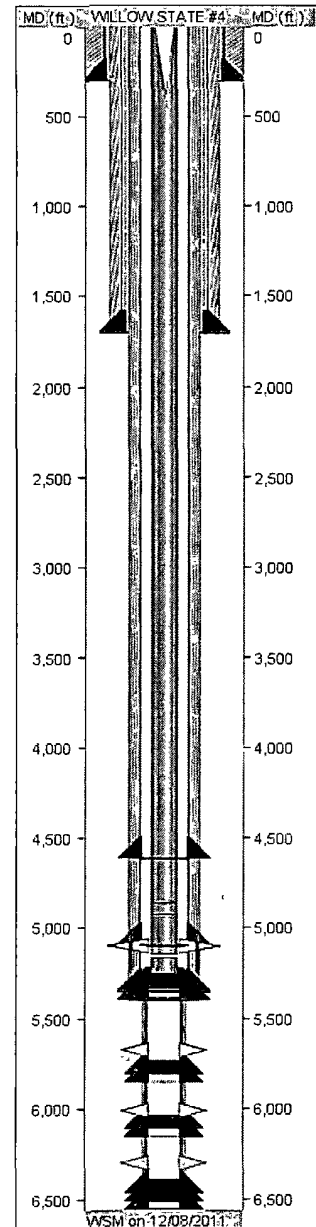
APPROVED BY: T. C. Shuman TITLE Ecologist DATE 12/16/2011
Conditions of Approval (if any): dm

Well ID: 30-015-32844

Well Name: WILLOW STATE #4

Event#: 4.00

Report Dates: 12/08/2011



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	300.00	300.00	13.38	12.71	48 0	H-40	
INTERMEDIATE #1	CASING		0.00	1701.00	1701.00	9.63	8.54	53 5	L-80	
PRODUCTION	FLOAT SHOE		5394.50	5396.00	1.50	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	5352.50	5394.50	42.00	5.50	4.89	17 0	J-55	
PRODUCTION	FLOAT COLLAR	1	5351.00	5352.50	1.50	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	5109.00	5351.00	242.00	5.50	4.89	17.0	J-55	
PRODUCTION	MARKER JOINT	1	5095.00	5109.00	14.00	5.50	4 89	17.0	J-55	
PRODUCTION	CASING	1	4617.00	5095.00	478.00	5.50	4.89	17.0	J-55	
PRODUCTION	DV TOOL	1	4614.00	4617.00	3.00	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	0.00	4614.00	4614.00	5.50	4.89	17.0	J-55	
TUBING	BULL PLUG		5258.40	5259.07	0.67	2.88	2.44	6.5	J-55	
TUBING	TUBING	1	5167.36	5258.40	91.04	2.88	2.44	6.5	J-55	
TUBING			5148.08	5167.36	19.28	2.88	2.44	6.5	J-55	
TUBING	SEAT NIPPLE		5146.98	5148.08	1.10	2.88	2.44	6.5	J-55	
TUBING	TUBING	1	4929.74	5146.98	217.24	2.88	2.44	6.5	J-55	
TUBING	TUBING ANCHOR		4927.06	4929.74	2.68	2.88	2.44	6.5	J-55	
TUBING	TUBING	1	4865.42	4927.06	61.64	2.88	2.44	6.5	J-55	
TUBING	PUP JOINT		4863.42	4865.42	2.00	2.88	2.44	6.5	J-55	
TUBING	TUBING	1	6.50	4863.42	4856.92	2.88	2.44	6.5	J-55	
TUBING	KB		0.00	6.50	6.50					
PRODUCTION LINER	FLOAT SHOE		6558.55	6560.00	1.45	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6514.21	6558.55	44.34	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6512.84	6514.21	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	FLOAT COLLAR		6511.19	6512.84	1.65	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6466.83	6511.19	44.36	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6465.46	6466.83	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	7	6154.84	6465.46	310.62	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6153.47	6154.84	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6109.12	6153.47	44.35	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6107.75	6109.12	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	6	5853.66	6107.75	254.09	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5852.29	5853.66	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5809.46	5852.29	42.83	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5808.09	5809.46	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	10	5386.80	5808.09	421.29	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5385.43	5386.80	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5342.78	5385.43	42.65	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5341.41	5342.78	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5298.79	5341.41	42.62	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	STAGE TOOL		5295.74	5298.79	3.05	4.00	3.43	11.6	L80	UTFJ