

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
June 19, 2008

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

WELL API NO. 30-015-37456
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Yale State
8. Well Number 21
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 ☐	RECEIVED DEC 12 2011 NMOCD ARTESIA
2. Name of Operator COG Operating LLC	
3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701	
4. Well Location Unit Letter <u>J</u> : <u>1650</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>East</u> line Section <u>2</u> Township <u>17S</u> Range <u>30E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc) 3750' 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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: Completion ☒

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.

10/11/11 Drill out DVT @ 3005.

10/12/11 Test casing to 3500 psi for 30 mins. Ok.

10/25/11 Perf Lower Blinebry @ 5560-5810 w/ 1 SPF, 26 holes.

10/26/11 Acidize w/3,500 gals acid. Frac w/114,553 gals gel, 149,851# 16/30 ottawa sand, 31,032# 16/30 CRC. Set comp plug @ 5520. Perf Middle Blinebry @ 5290-5490 w/1 SPF, 26 holes. Acidize w/3,500 gals acid. Frac w/114,553 gals gel, 149,851# 16/30 ottawa sand, 31,032# 16/30 CRC. Set comp plug @ 5250. Perf Upper Blinebry @ 5020-5220 w/ 1 SPF, 26 holes. Acidize w/3,500 gals acid. Frac w/112,746 gals gel, 147,262# 16/30 ottawa sand, 32,072 16/30 CRC. Set comp plug @ 4900. Perf Paddock @ 4625-4875 w/ 1 SPF, 26 holes. Acidize w/3,000 gals acid. Frac w/98,973 gals gel, 106,285# 16/30 ottawa sand, 24,300# 16/30 CRC.

10/31/11 Drill out plugs. Clean out to PBTD 6200.

11/1/11 RIH w/175jts 2-7/8" J55 6.5# tbg, SN @ 5531.

11/2/11 RIH w/2-1/2"x2"x24' pump. Hang on well.

Spud Date: 9/29/11

Rig Release Date: 10/7/11

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

SIGNATURE Cjackson TITLE Regulatory Analyst DATE 11/30/11

Type or print name Chasity Jackson E-mail address: cjackson@concho.com PHONE: 432-686-3087

For State Use Only

APPROVED BY: T.C. Shepard TITLE Geologist DATE DEC 13 2011
Conditions of Approval (if any):

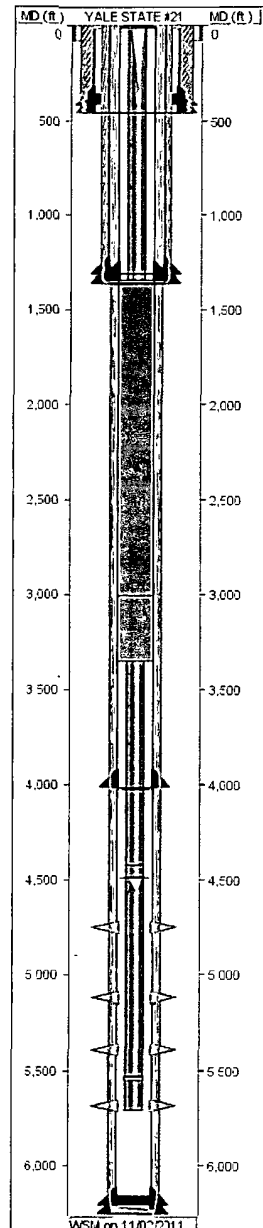
dm

Well ID: 30-015-37456

Well Name: YALE STATE #21

Event#: 2.00

Report Dates: 11/02/2011



PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
CONDUCTOR	CASING	2	0.00	80.00	80.00	20.00	19.12	94.0	H-40	OTR
SURFACE	GUIDE SHOE		455.80	457.00	1.20	13.38	12.71			STC
SURFACE	CASING	1	414.14	455.80	41.66	13.38	12.71	48.0	H-40	STC
SURFACE	INSERT FLOAT		414.14	414.14	0.00	12.71				STC
SURFACE	CASING	10	15.15	414.14	417.69	13.38	12.71	48.0	H-40	STC
PRODUCTION	GUIDE SHOE		6247.54	6249.00	1.46	5.50	4.89			LTC
PRODUCTION	CASING	1	6203.08	6247.54	44.46	5.50	4.89	17.0	J-55	LTC
PRODUCTION	FLOAT COLLAR		6201.83	6203.08	1.25	5.50	4.89			LTC
PRODUCTION	CASING	49	4026.45	6201.83	2175.38	5.50	4.89	17.0	J-55	LTC
PRODUCTION	MARKER JOINT	1	4011.84	4026.45	14.61	5.50	4.89	17.0	J-55	LTC
PRODUCTION	CASING	15	3346.57	4011.84	665.27	5.50	4.89	17.0	J-55	LTC
PRODUCTION	FLINT COATED	8	3007.61	3346.57	338.96	5.50	4.89	17.0	L-80	LTC
PRODUCTION	DV TOOL MULTI-	1	3005.36	3007.61	2.25	5.50	4.89			LTC
PRODUCTION	FLINT COATED	39	1341.40	3005.36	1663.96	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	30	11.76	1341.40	1329.64	5.50	4.89	17.0	J-55	LTC
PRODUCTION	LANDING COLLAR		-4.27	11.76	16.03	5.50	4.89	17.0	J-55	LTC
TUBING	BULL PLUG		5708.18	5709.03	0.85	2.88	2.44	6.5	J55	8RD
TUBING	TUBING	1	5551.47	5708.18	156.71	2.88	2.44	6.5	J55	8RD
TUBING	CAVIN DESANDER		5532.17	5551.47	19.30	3.00	1.25	6.5	J55	8RD
TUBING	SEATING NIPPLE		5531.07	5532.17	1.10	2.88	2.23	6.5	J55	8RD
TUBING	TUBING	33	4487.69	5531.07	1043.38	2.88	2.44	6.5	J55	8RD
TUBING	TUBING ANCHOR		4484.84	4487.69	2.85	4.50	2.44	6.5	J55	8RD
TUBING	TUBING	2	4421.66	4484.84	63.18	2.88	2.44	6.5	J55	8RD
TUBING	MARKER JOINT		4419.54	4421.66	2.12	2.88	2.44	6.5	J55	8RD
TUBING	TUBING	140	0.00	4419.54	4419.54	2.88	2.44	6.5	J55	8RD
TUBING				0.00	0.00					
INTERMEDIATE	GUIDE SHOE		1358.50	1360.00	1.50	8.63	8.10	24.0	J-55	LTC
INTERMEDIATE	CASING	1	1315.59	1358.50	42.91	8.63	8.10	24.0	J-55	LTC
INTERMEDIATE	FLOAT COLLAR		1314.39	1315.59	1.20	8.63	8.10	24.0	J-55	LTC
INTERMEDIATE	CASING	31	-3.01	1314.39	1317.40	8.63	8.10	24.0	J-55	LTC

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	0.0	0.0
SURFACE	2	0.0	0.0		
PRODUCTION	1	0.0	0.0		
PRODUCTION	2	0.0	0.0		
INTERMEDIATE	1	0.0	0.0		

Well ID: 30-015-37456	Well Name: YALE STATE #21	Event#: 2.00	Report Dates: 11/02/2011
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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	10/26/2011	LOWER BLINEBRY		5560.00	5810.00	0.41	25.00	N	
2	10/27/2011	BLINEBRY		5290.00	5490.00	0.41	25.00	N	
3	10/27/2011	BLINEBRY		5020.00	5220.00	0.41	22.00		
4	10/27/2011	PADDOCK		4625.00	4875.00	0.41	18.00		
4	10/27/2011	PADDOCK		5020.00	5220.00	0.41	22.00		
4	10/27/2011	PADDOCK		5290.00	5490.00	0.41	25.00	N	