

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. 30-015-29265 ✓
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Yucca State ✓
8. Well Number 1 ✓
9. OGRID Number 229137 ✓
10. Pool name or Wildcat FREN; Glorieta, Yeso (26770)

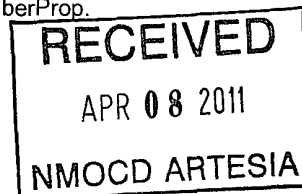
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator COG Operating LLC ✓	
3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701	
4. Well Location Unit Letter K : 1837 feet from the South line and 2310 feet from the West line ✓ Section 16 Township 17S Range 31E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3810' RKB	
Pit or Below-grade Tank Application ☐ or Closure ☐	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: Deepen ☒	

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.

1/04/11 MIRU
1/06/11 RIH w/retainer and set @ 4895. Test tbg to 2000#, good test. Test cst to 500#, good test. Squeezed Perfs 4956 – 5130 w/600sx Class C cmt, circ 8 bbls. WOC.
1/07/11 Drilled out retainer @ 4895 and cmt. Drilled thru cement to 5375. Cleaned out hole.
1/08/11 Drilled 25' of formation to 5460 and circ hole clean.
1/11/11 TD 5-1/2" hole @ 6574, circ hole clean.
1/12/11 Ran 154 jts L80 11.6# csg, set @ 6546, DV Tool @ 5202. Cmt'd w/140 sxs Class C cmt, TOC @ 2970
1/13/11 Drilled out DV tool @ 5202. Circ hole clean.
1/19/11 Test csg to 6300# for 30 min, tested good.
2/08/11 Perforated Lower Blinbry 6100 – 6300, 1 SPF, 26 holes.
2/13/11 Acidize w/3,500 gals acid. Frac w/124097 gals gel, 146341# 16/30 Ottawa sand, 26889# 16/30 SiberProp. CBP @ 6030.
2/17/11 Perforated Middle Blinbry 5800 – 6000, 1 SPF, 48 holes.
2/25/11 Acidize w/3500 gals acid. Frac w/124000 gals gel, 149829# 16/30 Ottawa sand, 31250# 16/30 SiberProp. CBP @ 5730.
3/03/11 Perforated Upper Blinbry 5500 – 5700, 1 SPF, 24 holes.
3/07/11 Acidize w/3,000 gals acid. Frac w/124444 gals gel, 147790# 16/30 Ottawa sand, 30887# 16/30 SiberProp. CBP @ 5166.
3/11/11 Perforated Paddock 4930 – 5130, 1 SPF, 26 holes.
3/16/11 Acidize w/3000 gals acid. Frac w/107719 gals gel, 109764# 16/30 Ottawa sand, 16296# 16/30 SiberProp.
3/22/11 Set plug @ 2941.
3/24/11 Leak in csg @ 30 cmt w/100sxs Class C Cmt. WOC
3/28/11 Test to 500#, 150# in 30 min.
3/29/11 Drill out cmt. Clean out to PBTD @ 6500.
3/31/11 RIH w/158jts 2-3/8" Slim Hole 4.7# J55 tbg, EOT @ 4902'.
4/01/11 RIH w/ 2-1/2"x1-3/4"x24" pump. Hang on well.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC D guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Netha Aaron TITLE Regulatory Analyst DATE 4/5/11
Type or print name Netha Aaron E-mail address: oaron@conchoresources.com Telephone No. 432-818-2319

For State Use Only
APPROVED BY: David Gray TITLE Field Supervisor DATE 4-12-11
Conditions of Approval (if any):



Daily Wellbore Schematics Report

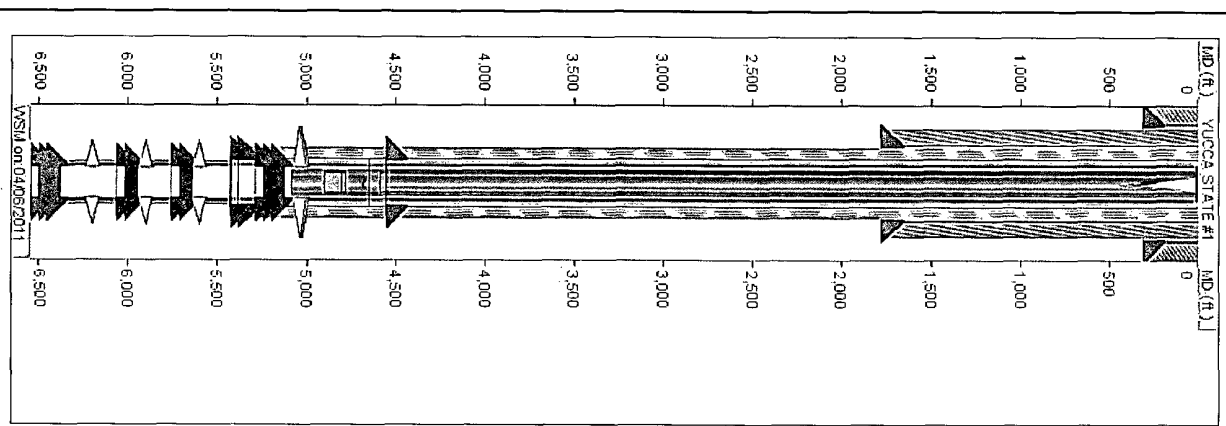
1

Well ID: 30-015-29265

Well Name: YUCCA STATE #1

Event#: 15.00

Report Dates: 04/06/2011



PIPE SPECIFICATION										
STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDWT	GRD	CONN
SURFACE	CASING		0.00	307.00	307.00	13.38	12.71	48.0	H-40	
INTERMEDIATE #1	CASING		0.00	1777.00	1777.00	8.63	8.10	24.0	J-55	
PRODUCTION	FLOAT SHOE		5423.50	5425.00	1.50	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	5381.50	5423.50	42.00	5.50	4.89	17.0	J-55	
PRODUCTION	FLOAT COLLAR	1	5380.00	5381.50	1.50	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	1	4556.00	5380.00	824.00	5.50	4.89	17.0	J-55	
PRODUCTION	DV TOOL	1	4553.00	4556.00	3.00	5.50	4.89	17.0	J-55	
PRODUCTION	CASING	2	0.00	4553.00	4553.00	5.50	4.89	17.0	J-55	
TUBING	BULL PLUG		4901.98	4902.58	0.60	2.38	2.00	4.7	J-55	8-
TUBING	MUD ANCHOR	1	4805.10	4901.98	96.88	2.38	2.00	4.7	J-55	8-
TUBING	CAVINS		4785.87	4805.10	19.23	2.38	2.00	4.7	J-55	8-
TUBING	SEAT NIPPLE		4784.77	4785.87	1.10	2.38	2.00	4.7	J-55	8-
TUBING	TUBING	1	0.00	4784.77	4784.77	2.38	2.00	4.7	J-55	8-
TUBING	TUBING	1	4652.25	5091.17	438.92	2.88	2.44	6.5	J-55	
TUBING	TUBING ANCHOR	1	4649.25	4652.25	3.00	5.50	2.44	17.0	TUBING	
TUBING	TUBING	1	4588.05	4649.25	61.20	2.88	2.44	6.5	J-55	
TUBING	MARKER JOINT	1	4586.05	4588.05	2.00	2.88	2.44	6.5	J-55	
TUBING	TUBING	1	0.00	4586.05	4586.05	2.88	2.44	6.5	J-55	
PRODUCTION LINER	FLOAT SHOE		6544.55	6546.00	1.45	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6500.13	6544.55	44.42	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6498.76	6500.13	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	FLOAT COLLAR		6497.11	6498.76	1.65	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6454.47	6497.11	42.64	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6453.10	6454.47	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	9	6065.62	6453.10	387.48	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6064.25	6065.62	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	6020.87	6064.25	43.38	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		6019.50	6020.87	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	6	5757.71	6019.50	261.79	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5756.34	5757.71	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5712.77	5756.34	43.57	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5711.40	5712.77	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	10	5292.55	5711.40	418.85	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5291.18	5292.55	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5249.84	5291.18	41.34	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CENTRALIZER		5248.47	5249.84	1.37	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	1	5205.25	5248.47	43.22	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	STAGE TOOL		5202.20	5205.25	3.05	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	CASING	127	9.86	5202.20	5192.34	4.00	3.43	11.6	L80	UTFJ
PRODUCTION LINER	KB	2	-0.14	9.86	10.00	4.00	3.43	11.6	L80	UTFJ

RECEIVED
APR 08 2011
NMOCD ARTESIA

PIPE SPECIFICATION										
STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
PRODUCTION LINER				-0.14	-0.14	4.00	3.43	11.6	L80	

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	4556.0	4556.0		
PRODUCTION	2	0.0	0.0		
PRODUCTION LINER	1	5202.0	5202.0		

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	12/10/1996	PADDOCK	4956.00	5130.00		27.00	N
2	02/09/2011	LOWER BLINEBRY	6100.00	6300.00	0.26		
3	02/14/2011	MIDDLE BLINEBRY	5800.00	6000.00	0.41	25.00	N
4	03/04/2011	UPPER BLINEBRY	5500.00	5700.00	0.41	25.00	N
5	03/12/2011	PADDOCK	4930.00	5130.00	0.41	25.00	N