

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

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)		WELL API NO. 30-015-39815
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator COG Operating, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 550 W. Texas Ave., Suite 100, Midland, TX 79701		7. Lease Name or Unit Agreement Name Patton 5 Fee
4. Well Location: Unit Letter <u>D</u> : <u>1040</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>West</u> line Section <u>5</u> Township <u>19S</u> Range <u>26E</u> NMPM <u>Eddy</u> County		8. Well Number 2H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3379'		9. OGRID Number 229137
		10. Pool name or Wildcat Atoka; Glorieta-Yeso 3250

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3/21/12 DVT @ 1992, Packer @ 2845

Frac Port @ 2965, Packer @ 3086

Frac Port @ 3207, Packer @ 3331

Frac Port @ 3489, Packer @ 3614

Frac Port @ 3736, Packer @ 3859

Frac Port @ 4021, Packer @ 4146

Frac Port @ 4268, Packer @ 4392

Frac Port @ 4545, Packer @ 4668

Frac Port @ 4788, Packer @ 4913

Frac Port @ 5069, Packer @ 5190

Frac Port @ 5307, Packer @ 5432

Frac Port @ 5589, Packer @ 5711

Frac Port @ 5836, Packer @ 5959

Frac Port @ 6120, Packer @ 6244

Frac Port @ 6367, Packer @ 6488

Frac Port @ 6612, Packer @ 6735 anchor @ 6786 POP 6873.

3/27/12 Drill out DVT.

3/29/12 Acidize w/37,427 gals 15% HCL. Frac w/1,539,162 gals gel, 116,590 WaterFrac, 83,935#100 Mesh, 2,533,473#20/40 ottawa sand, 684,308# 20/40 CRC.

4/5/12 Drill through sleeves.

4/13/12 RIH w/63 jts 2-7/8" J55 6.5# tbg, EOT @ 2038. RIH w/sub pump. Hang well on.

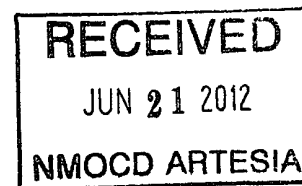
Spud Date:

3/5/12

Rig Release Date:

3/21/12

*Report pressure test
on 5 1/2" csg*



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

SIGNATURE C. Jackson TITLE Regulatory Analyst DATE 6/18/12

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

APPROVED BY: [Signature] TITLE Geologist DATE 6/22/2012
Conditions of Approval (if any):

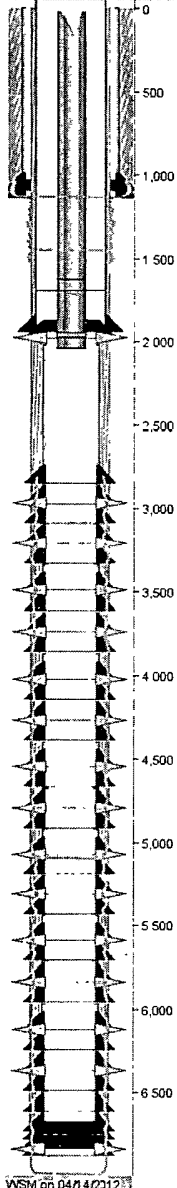
ID: 30-015-39815

Well Name: PATTON 5 FEE #2H

Event#: 2.00

Report Dates: 04/14/2012

PATTON 5 FEE #2H MD (ft)



PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	GUIDE SHOE		1138.85	1140.00	1.15					
SURFACE	CASING	1	1096.58	1138.85	42.27	9.63	8.92	36.0	J-55	LTC
SURFACE	FLOAT SHOE		1094.98	1096.58	1.60					
SURFACE	CASING	26	-3.93	1094.98	1098.91	9.63	8.92	36.0	J-55	LTC
PRODUCTION	PEAK PUMP OUT		6871.10	6873.00	1.90					
PRODUCTION	CASING	1	6832.50	6871.10	38.60	5.50	4.89	17.0	L-80	LTC
PRODUCTION	HYDRO-PORT		6829.98	6832.50	2.52					
PRODUCTION	CASING	1	6791.91	6829.98	38.07	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		6788.76	6791.91	3.15					
PRODUCTION	PEAK OPEN HOLE		6785.65	6788.76	3.11					
PRODUCTION	PUP JOINT		6779.91	6785.65	5.74					
PRODUCTION	CASING	1	6741.50	6779.91	38.41	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		6738.65	6741.50	2.85					
PRODUCTION	PEAK PREDATOR		6734.51	6738.65	4.14					
PRODUCTION	PUP JOINT		6728.77	6734.51	5.74					
PRODUCTION	CASING	3	6615.71	6728.77	113.06	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		6612.16	6615.71	3.55					
PRODUCTION	CASING	3	6495.24	6612.16	116.92	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		6492.40	6495.24	2.84					
PRODUCTION	PEAK PREDATOR		6488.20	6492.40	4.20					
PRODUCTION	PUP JOINT		6482.47	6488.20	5.73					
PRODUCTION	CASING	3	6367.08	6482.47	115.39	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		6363.53	6367.08	3.55					
PRODUCTION	CASING	3	6251.25	6363.53	112.28	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		6248.42	6251.25	2.83					
PRODUCTION	PEAK PREDATOR		6244.23	6248.42	4.19					
PRODUCTION	PUP JOINT		6238.48	6244.23	5.75					
PRODUCTION	CASING	3	6123.19	6238.48	115.29	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		6119.64	6123.19	3.55					
PRODUCTION	CASING	4	5966.61	6119.64	153.03	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		5963.49	5966.61	3.12					
PRODUCTION	PEAK PREDATOR		5959.36	5963.49	4.13					
PRODUCTION	PUP JOINT		5953.65	5959.36	5.71					
PRODUCTION	CASING	3	5839.50	5953.65	114.15	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		5835.95	5839.50	3.55					
PRODUCTION	CASING	3	5718.29	5835.95	117.66	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		5715.44	5718.29	2.85					
PRODUCTION	PEAK PREDATOR		5711.24	5715.44	4.20					
PRODUCTION	PUP JOINT		5705.48	5711.24	5.76					
PRODUCTION	CASING	3	5592.42	5705.48	113.06	5.50	4.89	17.0	L-80	LTC

WSM on 04/14/2012

ID: 30-015-39815

Well Name: PATTON 5 FEE #2H

Event#: 2.00

Report Dates: 04/14/2012

PIPE SPECIFICATION										
STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
PRODUCTION	PORT BALL		5588.87	5592.42	3.55					
PRODUCTION	CASING	4	5439.45	5588.87	149.42	5.50	4.89	17.0	L-80	
PRODUCTION	PUP JOINT		5436.30	5439.45	3.15					
PRODUCTION	PEAK PREDATOR		5432.14	5436.30	4.16					
PRODUCTION	PUP JOINT		5426.45	5432.14	5.69					
PRODUCTION	CASING	3	5310.89	5426.45	115.56	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		5307.34	5310.89	3.55					
PRODUCTION	CASING	3	5196.84	5307.34	110.50	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		5194.00	5196.84	2.84					
PRODUCTION	PEAK PREDATOR		5189.79	5194.00	4.21					
PRODUCTION	PUP JOINT		5184.03	5189.79	5.76					
PRODUCTION	CASING	3	5072.74	5184.03	111.29	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		5069.19	5072.74	3.55					
PRODUCTION	CASING	4	4920.32	5069.19	148.87	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		4917.47	4920.32	2.85					
PRODUCTION	PEAK PREDATOR		4913.27	4917.47	4.20					
PRODUCTION	PUP JOINT		4907.53	4913.27	5.74					
PRODUCTION	CASING	3	4791.01	4907.53	116.52	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		4787.46	4791.01	3.55					
PRODUCTION	CASING	3	4674.65	4787.46	112.81	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		4671.81	4674.65	2.84					
PRODUCTION	PEAK PREDATOR		4667.61	4671.81	4.20					
PRODUCTION	PUP JOINT		4661.88	4667.61	5.73					
PRODUCTION	CASING	3	4548.79	4661.88	113.09	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		4545.24	4548.79	3.55					
PRODUCTION	CASING	4	4398.76	4545.24	146.48	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		4395.90	4398.76	2.86					
PRODUCTION	PEAK PREDATOR		4391.72	4395.90	4.18					
PRODUCTION	PUP JOINT		4385.97	4391.72	5.75					
PRODUCTION	CASING	3	4271.73	4385.97	114.24	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		4268.18	4271.73	3.55					
PRODUCTION	CASING	3	4152.98	4268.18	115.20	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		4149.83	4152.98	3.15					
PRODUCTION	PEAK PREDATOR		4145.65	4149.83	4.18					
PRODUCTION	PUP JOINT		4139.91	4145.65	5.74					
PRODUCTION	CASING	3	4024.25	4139.91	115.66	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		4020.70	4024.25	3.55					
PRODUCTION	CASING	4	3866.43	4020.70	154.27	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		3863.58	3866.43	2.85					
PRODUCTION	PEAK PREDATOR		3859.37	3863.58	4.21					
PRODUCTION	PUP JOINT		3853.64	3859.37	5.73					
PRODUCTION	CASING	3	3739.42	3853.64	114.22	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		3735.87	3739.42	3.55					
PRODUCTION	CASING	3	3620.93	3735.87	114.94	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		3618.09	3620.93	2.84					

PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
PRODUCTION	PEAK PREDATOR		3613.92	3618.09	4.17					
PRODUCTION	PUP JOINT		3608.20	3613.92	5.72					
PRODUCTION	CASING	3	3492.89	3608.20	115.31	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		3489.34	3492.89	3.55					
PRODUCTION	CASING	4	3338.33	3489.34	151.01	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		3335.19	3338.33	3.14					
PRODUCTION	PEAK PREDATOR		3331.03	3335.19	4.16					
PRODUCTION	PUP JOINT		3325.31	3331.03	5.72					
PRODUCTION	CASING	3	3209.70	3325.31	115.61	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		3206.15	3209.70	3.55					
PRODUCTION	CASING	3	3093.83	3206.15	112.32	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		3085.00	3093.83	8.83					
PRODUCTION	CASING	3	2973.11	3085.00	111.89	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT BALL		2969.56	2973.11	3.55					
PRODUCTION	CASING	3	2855.78	2969.56	113.78	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PUP JOINT		2853.21	2855.78	2.57					
PRODUCTION	PEAK PREDATOR		2849.05	2853.21	4.16					
PRODUCTION	PUP JOINT		2843.36	2849.05	5.69					
PRODUCTION	CASING	22	2016.80	2843.36	826.56	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PEAK STATIC		2015.61	2016.80	1.19					
PRODUCTION	MARKER JOINT		1993.38	2015.61	22.23					
PRODUCTION	EXTERNAL		1974.38	1993.38	19.00					
PRODUCTION	CASING	1	1938.33	1974.38	36.05	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CROSS OVER		1936.83	1938.33	1.50					
PRODUCTION	CASING	44	-48.79	1936.83	1985.62	7.00	6.73	26.0	L-80	LTC
TUBING	BULL PLUG		2037.97	2038.72	0.75	2.88	2.44	6.5	J55	8
TUBING	TUBING	2	1974.99	2037.97	62.98	2.88	2.44	6.5	J55	8
TUBING	PERFORATION JT		1970.89	1974.99	4.10	2.88	2.44	6.5	J55	8
TUBING	PUMP BARREL		1942.59	1970.89	28.30	2.88	2.44	6.5	J55	8
TUBING	TUBING	8	1690.67	1942.59	251.92	2.88	2.44	6.5	J55	8
TUBING	TUBING ANCHOR		1687.97	1690.67	2.70	7.00	2.44	6.5	J55	8
TUBING	TUBING	2	1624.99	1687.97	62.98	2.88	2.44	6.5	J55	8
TUBING	MARKER JOINT		1622.99	1624.99	2.00	2.88	2.44	6.5	J55	8
TUBING	TUBING	51	17.00	1622.99	1605.99	2.88	2.44	6.5	J55	8
TUBING	KB		0.00	17.00	17.00					

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				

BHA STRING

DRILL EQUIP CODE	DESCRIPTION	LENGTH	OD SIZE	ID SIZE
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ID: 30-015-39815

Well Name: PATTON 5 FEE #2H

Event#: 2 00

Report Dates: 04/14/2012

PERFORATION							
ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
1	03/30/2012	PEAK STRATAPORT #1 AT	6833 00	6834 00			N
3	04/03/2012	PADDOCK	6367 00	6368 00			
4	04/03/2012	PADDOCK	6120 00	6121 00			
5	04/03/2012	PADDOCK 5836	5836 00	5837 00			
6	04/03/2012	PADDOCK 5589	5589 00	5590.00			
7	04/03/2012	PADDOCK 5307	5307.00	5308.00			
8	04/03/2012	PADDOCK 5069	5069 00	5070.00			
9	04/03/2012	PADDOCK 4788	4788.00	4789.00			
10	04/03/2012	PADDOCK 4545	4545.00	4546.00			
11	04/03/2012	PADDOCK 4268	4268 00	4269.00			
12	04/03/2012	PADDOCK 4021	4021.00	4022.00			
13	04/03/2012	PADDOCK 3736	3736 00	3737.00			
14	04/03/2012	PADDOCK 3489	3489 00	3490 00			
15	04/03/2012	PADDOCK 3207	3207 00	3208 00			
16	04/03/2012	PADDOCK 2965	2965 00	2966 00			