

Submit To Appropriate District Office Two Copies District I 1625 N French Dr , Hobbs, NM 88240 District II 1301 W Grand Avenue, 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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 July 17, 2008					
1. WELL API NO. 30 - 015 - 39201										
2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN										
3. State Oil & Gas Lease No										
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)				5. Lease Name or Unit Agreement Name Yale State						
7. Type of Completion ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER				6. Well Number 15						
8. Name of Operator COG Operating LLC				9. OGRID 229137						
10. Address of Operator 550 W Texas Ave, Suite 100 Midland, TX 79701				11. Pool name or Wildcat Mar Loco; Glorieta, Yeso 97866						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	2	17S	30E		1045	South	925	East	Eddy
BH:										
13. Date Spudded 8/27/11	14. Date T D. Reached 9/4/11		15. Date Rig Released 9/6/11		16. Date Completed (Ready to Produce) 9/29/11			17. Elevations (DF and RKB, RT, GR, etc) 3754' GR		
18. Total Measured Depth of Well 6162			19. Plug Back Measured Depth 6110		20. Was Directional Survey Made? No			21. Type Electric and Other Logs Run Radial Cmt Bond; Dual Spaced Neut		
22. Producing Interval(s), of this completion - Top, Bottom, Name 4630 - 5830										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8		48		452		17-1/2		950		
8-5/8		24		1410		11		500		
5-1/2		17		6155		7-7/8		1600		
RECEIVED NOV 17 2011										
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2-7/8	5801				
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC				
4630 - 4880 - 1 SPF, 26 holes Open						DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
5030 - 5290 - 1 SPF, 27 holes Open						4630 - 4880 See Attachment				
5360 - 5560 - 1 SPF, 26 holes Open						5030 - 5290 See Attachment				
5630 - 5830 - 1 SPF, 51 holes Open						5360 - 5560 See Attachment				
						5630 - 5830 See Attachment				
Accepted for record NMOC										
28. PRODUCTION										
Date First Production 11/5/11		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) 2-1/2" x 2" x 24' pump				Well Status (<i>Prod or Shut-in</i>) Producing				
Date of Test 11/8/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 170	Gas - MCF 82	Water - Bbl 529	Gas - Oil Ratio 482			
Flow Tubing Press 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (<i>Corr</i>) 38.4				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc</i>) Sold							30. Test Witnessed By Kent Greenway			
31. List Attachments Logs, C-102, C-104, Deviation Survey										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit										
33. If an on-site burial was used at the well, report the exact location of the on-site burial										
Latitude			Longitude			NAD 1927 1983				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature N Aaron			Printed Name Netha Aaron			Title Regulatory Analyst			Date 11/14/11	
E-mail Address oaaron@concho.com										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 540	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 1353	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 1460	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 3075	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 4520	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso 4590	T. Entrada	
T. Wolfcamp	T. Rustler 381	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Yale State 15
API#: 30-015-39201
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4630 - 4880	Acidized w/ 3000 gals 15% HCL.
	Frac w/109,391 gals gel, 124,618 16/30 Brown
	sand, 9,780# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5030 - 5290	Acidized w/ 3500 gals 15% HCL.
	Frac w/124,123 gals gel, 137,315# 16/30 White
	sand, 29,464# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5360 - 5560	Acidized w/3500 gals 15% HCL
	Frac w/124,770 gals gel, 147,367# 16/30 White
	sand, 26,550 16/30 SiberProp

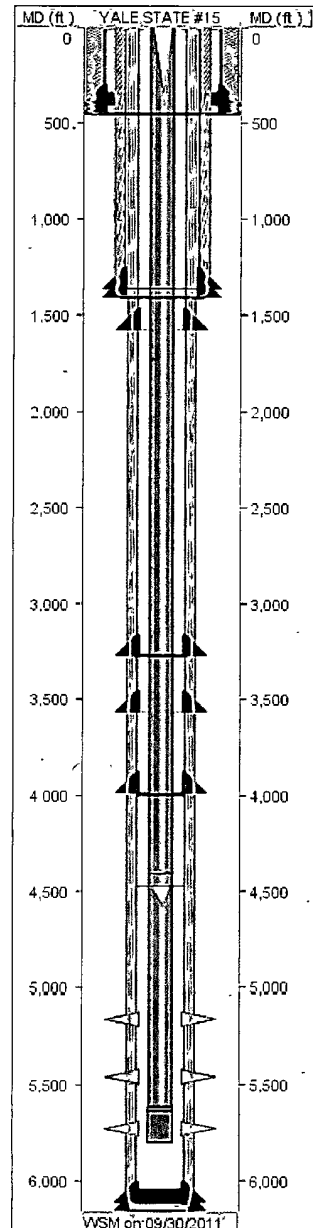
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5630 - 5830	Acidized w/6000 gals 15% HCL.
	Frac w/118,974 gals gel, 127,785 16/30 White
	sand, 18,696# 16/30 SiberProp

Well ID: 30-015-39201

Well Name: YALE STATE #15

Event#: 2.00

Report Dates: 09/30/2011

**PIPE SPECIFICATION**

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	GUIDE SHOE		450.80	452.00	1.20	14 3/8				STC
SURFACE	CASING	1	407.83	450.80	42.97	13 3/8	12.71	48.0	J55	STC
SURFACE	FLOAT COLLAR		407.83	407.83	0.00	14.38				STC
SURFACE	CASING	10	15.10	407.83	412.58	13.38	12.71	48.0	JHH	STC
PRODUCTION	FLOAT SHOE		6154.26	6155.74	1.48	5.88				LTC
PRODUCTION	CASING	1	6111.86	6154.26	42.40	5.50	4.89	17.0	L80	LTC
PRODUCTION	FLOAT COLLAR		6110.56	6111.86	1.30	5.88				LTC
PRODUCTION	CASING	50	4001.54	6110.56	2109.02	5.50	4.89	17.0	L80-	LTC
PRODUCTION	MARKER JOINT	1	3987.14	4001.54	14.40	5.50	4.89	17.0	L80	LTC
PRODUCTION	CASING	10	3564.79	3987.14	422.35	5.50	4.89	17.0	L80	LTC
PRODUCTION	FLINT COATED	7	3273.86	3564.79	290.93	5.50	4.89	17.0	L80	LTC
PRODUCTION	DV TOOL		3271.64	3273.86	2.22	5.88				LTC
PRODUCTION	FLINT COATED	40	1577.14	3271.64	1694.50	5.50	4.89	17.0	L80	LTC
PRODUCTION	CASING	37	12.70	1577.14	1564.44	5.50	4.89	17.0	L80	LTC
PRODUCTION	LANDING JOINT		12.70	12.70	22.75	5.50	4.89	17.0	L80	LTC
TUBING	BULL PLUG		5800.92	5801.55	0.63	2.88	2.44	6.5	J55	EUE
TUBING	MUD ANCHOR	5	5637.70	5800.92	163.22	2.88	2.44	6.5	J55	EUE
TUBING	DESANDER		5618.40	5637.70	19.30	2.88	2.44	6.5	N80	EUE
TUBING	SEAT NIPLE		5617.30	5618.40	1.10	2.88	1.90			EUE
TUBING	TUBING	35	4475.52	5617.30	1141.78	2.88	2.44	6.5	J55	EUE
TUBING	TUBING ANCHOR		4472.82	4475.52	2.70	5.50	2.44			EUE
TUBING	TUBING	2	4407.49	4472.82	65.33	2.88	2.44	6.5	J55	EUE
TUBING	MARKER JOINT		4405.49	4407.49	2.00	2.88	2.44	6.5	J55	EUE
TUBING	TUBING	135	0.00	4405.49	4405.49	2.88	2.44	6.5	J55	EUE
INTERMEADIATE	GUIDE SHOE		1408.80	1410.00	1.20	9.63				LTC
INTERMEADIATE	CASING	1	1364.67	1408.80	44.13	8.63	7.93	32.0	J-55	LTC
INTERMEADIATE	FLOAT COLLAR		1363.27	1364.67	1.40	9.63				LTC
INTERMEADIATE	CASING	31	13.97	1363.27	1367.48	8.63	7.93	32.0	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	200.0	
SURFACE	2			200.0	
PRODUCTION	1	3271.64			
PRODUCTION	2	0.0	0.0	940.0	
INTERMEADIATE	1	0.0	0.0	348.0	

BHA STRING

DRILL EQUIP CODE	DESCRIPTION	LENGTH	OD SIZE	ID SIZE
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Well ID: 30-015-39201

Well Name: YALE STATE #15

Event#: 2.00

Report Dates: 09/30/2011

PERFORATION

ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
1	09/23/2011	BLINEBRY	5630.00	5830.00	0.34	27.00	N
2	09/24/2011	BLINEBRY	5360.00	5560.00	0.34	27.00	N
3	09/24/2011	BLINEBRY	5030.00	5290.00	0.34	27.00	N