


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 Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 July 17, 2008						
<div style="border: 2px solid black; padding: 5px; display: inline-block;"> RECEIVED MAY 01 2012 NMOCD ARTESIA </div>		1. WELL API NO. <div style="text-align: right;">30-015-37765</div>								
2 Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN		3 State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> 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 <div style="text-align: center;">Hatfield State</div>						
7 Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER				6 Well Number. <div style="text-align: right;">2</div>						
8 Name of Operator <div style="text-align: center;">COG OPERATING LLC</div>				9 OGRID <div style="text-align: right;">229137</div>						
10 Address of Operator <div style="text-align: center;">550 West Texas Ave Suite 100, Midland, Texas 79701</div>				11 Pool name or Wildcat <div style="text-align: center;">EMPIRE, GLORIETA-YESO, EAST 96610</div>						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	8	17S	29E		990	South	2310	West	Eddy
13. Date Spudded 2/17/12	14 Date T.D. Reached 2/22/12	15 Date Rig Released 2/23/12		16 Date Completed (Ready to Produce) 3/12/12		17. Elevations (DF and RKB, RT, GR, etc) 3621' GR				
18. Total Measured Depth of Well 5474		19. Plug Back Measured Depth 5350		20 Was Directional Survey Made? No		21 Type Electric and Other Logs Run CN/CCL/HNGS				
22 Producing Interval(s), of this completion - Top, Bottom, Name Yeso										
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		352		17-1/2		1000sx		
8-5/8		24		866		11		400sx		
5-1/2		17		5460		7-7/8		900sx		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET	PACKER SET			
					2-7/8	5371				
26 Perforation record (interval, size, and number)						27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
3950 - 4150 .34, 26 holes OPEN						DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
4440 - 4640 .34, 26 holes OPEN						3950 - 4150 See Attachment				
4710 - 4910 .34, 26 holes OPEN						4440 - 4640 See Attachment				
4980 - 5180 .34, 26 holes OPEN						4710 - 4910 See Attachment				
						4980 - 5180 See Attachment				
28. PRODUCTION										
Date First Production 3/19/12		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 2" x 24' pump				Well Status (Prod or Shut-in) Producing				
Date of Test 3/20/12	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 120	Gas - MCF 103	Water - Bbl. 454	Gas - Oil Ratio 858			
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl 120	Gas - MCF 103	Water - Bbl 454	Oil Gravity - API - (Corr.) 39.5				
29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold						30. Test Witnessed By Kent Greenway				
31 List Attachments Logs, C102, C103, Deviation Report, C104, C144										
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 		Printed Name Chasity Jackson		Title Regulatory Analyst			Date 4/26/12			
E-mail Address cjackson@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	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 846	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1686	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2404	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3832	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb 5273	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso 3905	T. Entrada	
T. Wolfcamp	T.	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. 2, from.....to.....
No. 3, 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

Hatfield State #2
API#: 30-015-37765
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3950 - 4150	Acidized w/1,500 gals 15% HCL.
	Frac w/100,048 gals gel, 100,931# 16/30 ottawa
	sand, 18,196# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4440 - 4640	Acidized w/1,500 gals 15% HCL.
	Frac w/117,081 gals gel, 145,818# 16/30 ottawa
	sand, 30,522# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4710 - 4910	Acidized w/2,500 gals 15% HCL.
	Frac w/117,490 gals gel, 145,939# 16/30 ottawa
	sand, 30,759# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4980 - 5180	Acidized w/2,500 gals 15% HCL.
	Frac w/118,242 gals gel, 148,746# 16/30 ottawa
	sand, 31,425# 16/30 CRC.