

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N French Dr, Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd, Aztec, NM 87410 <u>District IV</u> 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 Revised June 10, 2003
		WELL API NO. 30-015-37378 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> b Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		7 Lease Name or Unit Agreement Name <div style="text-align: center;"> Hatfield State </div>
2. Name of Operator COG Operating LLC		8. Well No <div style="text-align: center;"> 001 </div>
3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		9 Pool name or Wildcat Empire; Glorieta-Yeso, E 96610
4 Well Location Unit Letter N 530 Feet From The South Line and 1650 Feet From The West Line Section 8 Township 17S Range 29E NMPM Eddy County		
10 Date Spudded 4/9/10	11 Date T D Reached 4/15/10	12 Date Compl. (Ready to Prod.) 5/14/10
13 Elevations (DF& RKB, RT, GR, etc) 3622 GR		14 Elev Casinghead
15 Total Depth 5475	16 Plug Back T D 5391	17 If Multiple Compl How Many Zones? 1
18. Intervals Drilled By X		19 Producing Interval(s), of this completion - Top, Bottom, Name 4350' - 5090' Yeso
20 Was Directional Survey Made No		21 Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS
22 Was Well Cored No		23. CASING RECORD (Report all strings set in well)
CASING SIZE	WEIGHT LB /FT.	DEPTH SET
13-3/8	48	333
8 5/8	24	850
5-1/2	17	5465
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
SACKS CEMENT	SCREEN	SIZE
		2-7/8
26 Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
4350' - 4550'	1 SPF, 26 holes	OPEN
4620' - 4820'	1 SPF, 26 holes	OPEN
4890' - 5090'	1 SPF, 26 holes	OPEN
28. PRODUCTION		AMOUNT AND KIND MATERIAL USED
Date First Production 6/2/10		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 24' pump
Well Status (Prod. or Shut-in) Producing		
Date of Test 6/5/10	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 174	Gas - MCF 1078
Water - Bbl. 680	Gas - Oil Ratio	
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl.
Oil Gravity - API - (Corr) 38.9		
29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold		Test Witnessed By Mark Brewer
30 List Attachments Logs, C102, C103, Deviation Report, C104		
31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief		
Signature E-mail Address cjackson@conchoresources.com		Printed Name Chasity Jackson Title Agent for COG Date 6/7/10

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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 827'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1667'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2391'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3806'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb 5261'	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. Yeso 3871'	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

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 #1
API#: 30-015-37378
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4350 - 4550	Acidize w/ 3,500 gals acid.
	Frac w/ 130,568 gals gel, 44,021# 16/30 Siberprop,
	and 159,537# 16/30 Ottawa sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4620 - 4820	Acidize w/ 3,500 gals acid.
	Frac w/ 125,122 gals gel, 33,928# 16/30 Siberprop,
	148,243# 16/30 Ottawa sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4890 - 5090	Acidize w/ 3,500 gals acid.
	Frac w/ 124,525 gals gel, 30,369# 16/30 Siberprop,
	151,901# 16/30 Ottawa sand