

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. 30-015-37869 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
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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"/> 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 L 1700 Feet From The South Line and 700 Feet From The West Line Section 19 Township 17S Range 29E NMPM Eddy County	7. Lease Name or Unit Agreement Name State S-19 8 Well No 34 9. Pool name or Wildcat Empire; Glorieta-Yeso 96210
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 JUL 29 2011
 NMOCD ARTESIA

10 Date Spudded 5/14/11	11 Date T.D. Reached 5/21/11	12 Date Compl (Ready to Prod.) 6/21/11	13. Elevations (DF& RKB, RT, GR, etc) 3663 GR	14. Elev. Casinghead
15 Total Depth 5584	16 Plug Back T D 5520	17 If Multiple Compl. How Many Zones? Yeso	18 Intervals Drilled By X	19 Producing Interval(s), of this completion - Top, Bottom, Name 4280 - 5020
21 Type Electric and Other Logs Run Compensated Neutron HNGS/CCL			20 Was Directional Survey Made No	
22 Was Well Cored No				

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	367	17.5	400	
8 5/8	24	885	11	400	
5-1/2	17	5572	7.875	900	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4989	

26 Perforation record (interval, size, and number) 4280 - 4480 1 SPF, 26 holes OPEN 4550 - 4750 1 SPF, 26 holes OPEN 4820 - 5020 1 SPF, 26 holes OPEN	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>4280 - 4480</td> <td>See attachment</td> </tr> <tr> <td>4550 - 4750</td> <td>See attachment</td> </tr> <tr> <td>4820 - 5020</td> <td>See attachment</td> </tr> </tbody> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4280 - 4480	See attachment	4550 - 4750	See attachment	4820 - 5020	See attachment
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4280 - 4480	See attachment								
4550 - 4750	See attachment								
4820 - 5020	See attachment								

28. PRODUCTION

Date First Production 6/23/11	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 6/27/11	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 160	Gas - MCF 168
Water - Bbl 339	Gas - Oil Ratio 1050	
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl
Oil Gravity - API - (Corr) 37.7		

29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold	Test Witnessed By Kent Greenway
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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 <i>Netha Aaron</i>	Printed Name Netha Aaron	Title Regulatory Analyst	Date 7/15/11
E-mail Address oaaron@conchoresources.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. 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 <u>742</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>2260</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>3696</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>5440</u>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. <u>Yeso</u> <u>3787</u>	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

State S-19 #34
API#: 30-015-37869
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4280 - 4480	Acidize w/2500 gals 15% HCL.
	Frac w/114,178 gals 15# gel, 136,348# 16/30
	Ottawa sand, w/37,366# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4550 - 4750	Acidized w/3500 gals 15% HCL.
	Frac w/115,446 gals 15# gel, 139,423# 16/30
	Ottawa sand, w/33,414# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4820 - 5020	Acidize w/3500 gals 15% HCL.
	Frac w/116,159 gals 15# gel, 143,030# 16/30
	Ottawa sand, w/29,151# 16/30 SiberProp