

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

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

WELL API NO.	30-039-26668
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name  Cougar Com 4
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. Well No.  2A
2. Name of Operator McElvain Oil & Gas Properties, Inc.		9. Pool name or Wildcat Blanco Mesaverde
3. Address of Operator 1050 17th Street #1800 Denver, CO 80265		
4. Well Location Unit Letter <u>M</u> : <u>935</u> Feet From The <u>South</u> Line and <u>835</u> Feet From The <u>West</u> Line Section <u>4</u> Township <u>25N</u> Range <u>2W</u> NMPM <u>Rio Arriba</u> County		
10. Date Spudded 6/03/01	11. Date T.D. Reached 6/23/01	12. Date Compl. (Ready to Prod.) 2/05/02
13. Elevations (DF& RKB, RT, GR, etc.) 7496' GL		14. Elev. Casinghead 7496'
15. Total Depth 8435'	16. Plug Back T.D. 7095' CIBP	17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools All Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 5652'-6170' Mesaverde		20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run TLD-CNL, AIT-GR-SP,MLT		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
9 5/8"	36 8-55	636'	12 1/4"	380' 448 cf circulated	Class None B
5 1/2"	15.5 & 17 8-55	8434	7 7/8" & 8 3/4"	See Attached 2463 SY	Class None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	5876'	

26. Perforation record (interval, size, and number)  
5997'-6170' 0.32" dia 21 holes  
5652'-5855' 0.32" dia 29 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5997'-6170'	1200 gal 15% HCl 160050 gal slickwtr 69000# 20/40
5652'-5855'	1500 gal 15% HCl 76104 gal slickwtr 30833# 20/40

28. PRODUCTION

Date First Production NA		Production Method (Flowing, gas lift, pumping - Size and type pump) Swab			Well Status (Prod. or Shut-in) SI		
Date of Test 2/05/02	Hours Tested 8.5	Choke Size na	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 0	Water - Bbl. 127	Gas - Oil Ratio -----
Flow Tubing Press. 0	Casing Pressure 350	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 0	Water - Bbl. 358	Oil Gravity - API - (Corr.) -----	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) NA	Test Witnessed By Harold Elledge
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30. List Attachments Deviation Report
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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 <u>John A. Steuble</u>	Printed Name John D. Steuble	Title Engineering Manager	Date 7/8/03
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# 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 reopened 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

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

### Northwestern New Mexico

T. Ojo Alamo <u>3386</u>	T. Penn. "B" _____
T. Kirtland-Fruitland <u>3694</u>	T. Penn. "C" _____
T. Pictured Cliffs <u>3854</u>	T. Penn. "D" _____
T. Cliff House <u>5573</u>	T. Leadville _____
T. Menefee <u>5660</u>	T. Madison _____
T. Point Lookout <u>6021</u>	T. Elbert _____
T. Mancos <u>6201</u>	T. McCracken _____
T. Gallup <u>7060</u>	T. Ignacio Otzte _____
Base Greenhorn <u>8032</u>	T. Granite _____
T. Dakota <u>8207</u>	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

### 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

## Cougar Com 4 #2A Cementing Information:

### 1<sup>st</sup> Stage:

Pump 10 bbls superflush 101. Cmt 1<sup>st</sup> stage w/700 sx 50/50 Class H POZ, 2% gel, 5# gilsonite, .25# flocele, .4% Halad 344 FLA, .2% HR5, mixed at 13.7#/gal.(Yield 1.25)(875 cuft) Displace w/198.6 bbls. Bumped plug. Float held. Lost returns after 80 bbls of displacement.

### 2<sup>nd</sup> Stage:

Open DV #1. Had returns immediately. Circulate to condition hole. Cmt 2<sup>nd</sup> stage w/335 sx 50/50 H Poz, 2% gel 5# gilsonite, .25# flocele, .3% Halad 344 FLA & .3% Versaset. Mixed at 13.5 #/gal.(Yield 1.37)(459 cuft) Displaced w/150.6 bbls. Bumped plug. DV #1 held. Had good returns through out.

### 3<sup>rd</sup> Stage:

Open DV #2. Circulate to condition hole. Cmt 3<sup>rd</sup> stage w/525 sx Econolite, 1/2#/sx flocele 10# gilsonite. Mixed at 11.4#/gal.(Yield 2.88)(1512 cuft) Tail in w/903 sx 50/50 Poz B, 2% gel, 5#/sx gilsonite, .25#/sx flocele, .3% Halad 344, .3% Versaset. Mixed at 13.5 #/gal. (Yield 1.37)(1237 cuft) Lost returns just before going on displacement. Displaced w/130 bbls. Pressure during displacement was 1100 psi. Bumped plug. Held.