

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address McElvain Oil & Gas Properties Inc. 1050 17th Street, Suite 1800 Denver, Colorado 80265		² OC-RID Number 22044
⁴ Property Code 23816 54760		³ API Number 30 - 039 - 24079
⁵ Property Name Cougar Com		⁶ Well No. 1A

⁷ Surface Location									
UL or lot no. I	Section 4	Township 25N	Range 2W	Lot Idn	Feet from the 1700	North/South line South	Feet from the 800	East/West line East	County Rio Arriba

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Blanco Mesa Verde					¹⁰ Proposed Pool 2				
¹¹ Work Type Code E		¹² Well Type Code G		¹³ Cable/Rotary R		¹⁴ Lease Type Code P		¹⁵ Ground Level Elevation 7610 '	
¹⁶ Multiple No		¹⁷ Proposed Depth 6950 '		¹⁸ Formation Mancos		¹⁹ Contractor unknown		²⁰ Spud Date 08/15/00	

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
7.875"	5.500"	15.5	8445'	Stage 1: 500	6425 est'd @ 70%
				Stage 2: 360	3451' est'd @ 70%
		DV1 @ 6243'	DV2 @ 3957'	Stage 3: 495	surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.
McElvain Oil & Gas Properties Inc. proposes to re - enter the plugged and abandoned Dewey Bartlett No. 1 and complete as a Mesa Verde infill well. Propose to cut off old dry hole marker and weld on 5 1/2" casing pup joint to extend to ground level. Install 5 1/2" X 7 1/16" 3000# tubing head on pup joint. Test to 3000#. Build 50' X 30' reserve pit. Level location. Install guyline anchors. Move in and rig up service unit. Install 7 1/16" 3000# BOPE. Drill out cement plugs at 0 - 305', 3159 - 3850', and 5400 - 5700'. Clean out to CIBP at 6950'. Run cement bond log and block squeeze as necessary to get cement coverage across proposed Mesa Verde completion intervals, although no squeeze work is anticipated to be necessary due to fill calculated above using a 70% fill up factor. Pressure test casing to 3000#. Perforate and stimulate select intervals in the Cliff House, Menefee, and Pt. Lookout. Install production facilities and connect to gas sales line. A C-102 is attached. Formation tops (from Dewey Bartlett No. 1 completion report): Nacimiento - 1965'; Ojo Alamo - 3504'; Fruitland - 3702'; Pictured Cliffs - 3836'; Cliff House - 5600'; Menefee - 5696'; Pt. Lookout - 5992'; Mancos - 6225'.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>R. E. Fielder</i> Printed Name: R. E. Fielder Title: Agent Date: August 3, 2000 Phone: 505-325-5220		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: DEPUTY OIL & GAS INSPECTOR, DIST. III Approval Date: 8-3-00 Expiration Date: AUG - 3 2001 Conditions of Approval: Attached <input type="checkbox"/>	
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30 - 039 - 24079		2 Pool Code 72319		3 Pool Name Blanco Mesa Verde	
4 Property Code 23816 24760		5 Property Name Cougar Com 4			6 Well Number 1A
7 OGRID No. 22044		8 Operator Name McElvain Oil & Gas Properties Inc.			9 Elevation 7610'

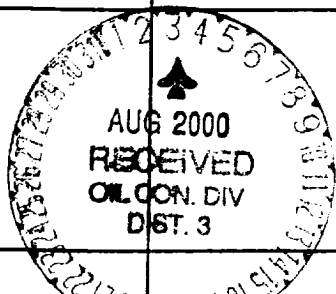


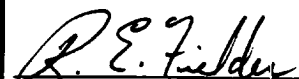

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	4	T25N	R2W		1700	South	800	East	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line:	County
¹² Dedicated Acres 320.73	¹³ Joint or Infill Y	¹⁴ Consolidation Code C		¹⁵ Order No.					

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

16		<div style="border: 1px dashed black; height: 100px; margin-bottom: 10px;"></div> <div style="text-align: center;"> NM01397  Cougar Gorn 4 # 1 </div> <div style="border: 1px dashed black; height: 100px; margin-top: 10px;"></div> <div style="text-align: center; margin-top: 20px;">  Proposed Re-entry infill </div> <div style="text-align: center; margin-top: 20px;">FEE</div>	17	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">  </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Signature</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">R. E. Fielder</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Printed Name</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Agent</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Title</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">August 3, 2000</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Date</div>
		<div style="border: 1px dashed black; height: 100px; margin-bottom: 10px;"></div> <div style="text-align: center;">  Proposed Re-entry infill </div> <div style="text-align: center; margin-top: 20px;">FEE</div>	18	SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Date of Survey</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Signature and Seal of Professional Surveyor:</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">This location originally</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">by Edgar L. Risenhoover,</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Certificate # 5979, on</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">May 30, 1986. Location</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">was not re-surveyed</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Certificate Number</div>