

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK

DRILL ☐DEEPEN ☒

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☐

OTHER SWD

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

McElvain Oil &amp; Gas Properties, Inc

3. ADDRESS AND TELEPHONE NO.

1050 17th Street, Suite 1800, Denver, Colorado 80265 Attn: John Steuble

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface  
900' FSL & 1650' FWL, Sec 26, T26N, R2W, NMPM

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest dirg. unit line, if any)

900'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED, No wells on lease  
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7715' GL

23.

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25	9 5/8"	36#	264' KB	150 sx or 177 ft3
7.875	5 1/2"	17#	8600' KB	2215 sx or 5096 ft3

McElvain Oil and Gas Properties, Inc proposes to reenter the existing P&A well bore and deepen the well by drilling a 4 3/4" hole to 9338'. A 5 1/2" Well head will be installed and tested on the existing 5 1/2" casing. The existing cement plugs and cement retainer will be drilled out and the casing/perforations tested with water. The well will be deepened from the present TD of 8600' to the proposed depth of 9338', in the Morrison formation. The well will be logged from 9338' to 8600'. 2 3/8" tubing will be run and an injection rate/pressure test performed. The well will be completed open hole. The NMOC has approved the Application for Approval to inject, copy attached.

This location is on private land owned by W.L. Stevenson.

5. LEASE DESIGNATION AND SERIAL NO.

NM103556

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

28983

8. FARM OR LEASE NAME, WELL NO.

Wildfire SWD #1

9. API WELL NO.

30-039-24073

10. FIELD AND POOL, OR WILDCAT

SWD, Morrison, Entrada

11. SEC., T., R., M., OR BLK  
AND SURVEY OR AREA

Sec 26, T26N, R2W, NMPM

12. COUNTY

Rio Arriba

13. STATE

New Mexico

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N/A

19. PROPOSED DEPTH

9338'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

September 25, 2001

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*R. E. Field*

TITLE Agent

DATE 9/06/01

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Is/ David R. Sitzer

TITLE

Acting Asst. Field Mgr.

DATE

SEP 26 2001

K

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-24073		2 Pool Code 96161		3 Pool Name SWD; Morrison/Entrada		
4 Property Code		5 Property Name Wildfire SWD			6 Well Number 1	
7 OGRID No. 22044		8 Operator Name McElvain Oil & Gas Properties, Inc.			9 Elevation 7715	

10 Surface Location

UL or lot no. N	Section 26	Township 26N	Range 2W	Lot Idn	Feet from the 900	North/South line South	Feet from the 1650	East/West line West	County 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 0		13 Joint or Infill		14 Consolidation Code		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

<div>16</div> <div>26</div> <div>1650</div> <div>900</div> <div>OCT 2001</div>				<b>17 OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  <div>R.E. Fielder</div> <div>Signature</div> <div>R.E. Fielder</div> <div>Printed Name</div> <div>Agent</div> <div>Title</div> <div>October 11, 2001</div> <div>Date</div>	
				<b>18 SURVEYOR CERTIFICATION</b> <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>  September 12, 1986 Date of Survey Signature and Seal of Professional Surveyer: Reentry. Original survey by Edgar L. Risenhoover  5979 Certificate Number	



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

*ADMINISTRATIVE ORDER SWD-808*

***APPLICATION OF MCELVAIN OIL & GAS PROPERTIES, INC. FOR SALT  
WATER DISPOSAL, RIO ARRIBA COUNTY, NEW MEXICO.***

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), McElvain Oil & Gas Properties, Inc. made application to the New Mexico Oil Conservation Division on August 13, 2001, for permission to complete for salt water disposal its Wildfire Well No. 1 located 990 feet from the South line and 1650 feet from the West line (Unit N) of Section 26, Township 26 North, Range 2 West, NMPM, Rio Arriba County, New Mexico.

**THE DIVISION DIRECTOR FINDS THAT:**

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

**IT IS THEREFORE ORDERED THAT:**

McElvain Oil & Gas Properties, Inc. is hereby authorized to complete its Wildfire Well No. 1 located 990 feet from the South line and 1650 feet from the West line (Unit N) of Section 26, Township 26 North, Range 2 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit the injection of produced water for disposal purposes into the Morrison formation from approximately 8,600 feet to 9,338 feet through 2 3/8 inch plastic-lined tubing set in a packer located at approximately 8,500 feet.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

Upon completion of drilling operations, the operator shall obtain a formation water sample from the Morrison formation. This Morrison formation water sample shall be analyzed, and a copy of this chemical analysis shall be forwarded to the Santa Fe Office of the Division.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 1720 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Morrison formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Aztec district office of the Division of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed.

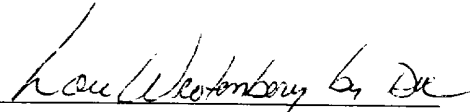
The operator shall immediately notify the supervisor of the Aztec district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall submit monthly reports of the disposal operations on Division Form C-120-A, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on this 28th day of August, 2001.

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery, Director", is written over a horizontal line.

LORI WROTENBERY, Director

LW/DRC

cc: Oil Conservation Division – Aztec

