

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no

II. Operator: McClellan Oil Corporation

Address: P.O. Drawer 730, Roswell, NM 88202

Contact party: Paul Ragsdale Phone: (505) 622-3200

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☒ yes ☐ no
If yes, give the Division order number authorizing the project R-7422

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Paul Ragsdale Title Operations Manager

Signature: *Paul Ragsdale* Date: 1/25/88

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Marlisue Queen Unit Tract 2-8

Application for Authorization to Inject

- . See application
- I. See application
- II. See Well Data Sheet
- V. See application
- . See map
- I.

<u>Well</u>	<u>Type</u>	<u>Date Drilled</u>	<u>Location</u>	<u>Depth</u>	<u>Completion Record</u>
Marlisue Queen Unit					
Tract 1-1 (formerly Marathon State #1)	Producer	8/17/78	Sec. 24-T14S-R29E	1936'	See completion report
Tract 1-2	Injector	1/20/84	Sec. 24-T14S-R29E	1934'	See completion report
Tract 1-3	Inejctor	2/12/84	Sec. 24-T14S-R29E	1970'	See compeltion report
Tract 1-4	Producer	4/3/86	Sec. 24-T14S-R29E	1960'	See completion report
Tract 2-1 (formerly Marlisue State #2)	Producer	11/21/78	Sec. 24-T14S-R29E	1935'	See completion report
Tract 2-2 (formerly Marlisue State #4)	Producer	3/12/79	Sec. 24-T14S-R29E	1984'	See completion report
Tract 2-3 (formerly Marlisue State #5)	Producer	9/24/79	Sec. 24-T14S-R29E	1931'	See completion report
Tract 2-4 (formerly Marlisue State #6)	Producer	4/11/80	Sec. 24-T14S-R29E	1955'	See completion report
Tract 2-5 (formerly Marlisue State #7)	Injector	10/17/80	Sec. 24-T14S-R29E	1972'	See completion report
Tract 2-6	Injector	3/6/84	Sec. 24-T14S-R29E	1944'	See completion report
Tract 2-7	Injector	3/26/84	Sec. 24-T14S-R29E	1976'	See completion report

- II. 1. Proposed rate - 100 BWPD
Maximum rate - 150 BWPD
- 2. System is a closed system
- 3. Proposed psi - 1000 psi
Maximum psi - 1000 psi
- 4. Sources will be produced water from surrounding flood and fresh water from Double Eagle.

- III. Geologic and Lithologic detail:
Lithology - sandstone Geologic name - Queen Thickness - 10' to 15' Depth - 1975'
No fresh water zones are over or underlying injection zone.

- X. No proposed stimulation

- . Logs previously submitted

- I. Water analysis from area wells - not available

- II. N/A

- III. See attachments

- IV. See application

31 U.S. McClendon Oil T. 1-93 55945	30 U.S. McClendon Oil T. 1-93 55945	29 U.S. McClendon Oil T. 1-93 55945	28 U.S. McClendon Oil T. 1-93 55945	27 U.S. McClendon Oil T. 1-93 55945	26 U.S. McClendon Oil T. 1-93 55945	25 U.S. McClendon Oil T. 1-93 55945	24 U.S. McClendon Oil T. 1-93 55945	23 U.S. McClendon Oil T. 1-93 55945	22 U.S. McClendon Oil T. 1-93 55945	21 U.S. McClendon Oil T. 1-93 55945	20 U.S. McClendon Oil T. 1-93 55945	19 U.S. McClendon Oil T. 1-93 55945	18 U.S. McClendon Oil T. 1-93 55945	17 U.S. McClendon Oil T. 1-93 55945	16 U.S. McClendon Oil T. 1-93 55945	15 U.S. McClendon Oil T. 1-93 55945	14 U.S. McClendon Oil T. 1-93 55945	13 U.S. McClendon Oil T. 1-93 55945	12 U.S. McClendon Oil T. 1-93 55945	11 U.S. McClendon Oil T. 1-93 55945	10 U.S. McClendon Oil T. 1-93 55945	9 U.S. McClendon Oil T. 1-93 55945	8 U.S. McClendon Oil T. 1-93 55945	7 U.S. McClendon Oil T. 1-93 55945	6 U.S. McClendon Oil T. 1-93 55945	5 U.S. McClendon Oil T. 1-93 55945	4 U.S. McClendon Oil T. 1-93 55945	3 U.S. McClendon Oil T. 1-93 55945	2 U.S. McClendon Oil T. 1-93 55945	1 U.S. McClendon Oil T. 1-93 55945
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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 11-1-78

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		5a. Indicate Type of Lease State ☒ Fee ☐	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		5. State Oil & Gas Lease No. L-4749	
2. Name of Operator McClellan Oil Corporation		7. Unit Agreement Name	
3. Address of Operator P. O. Box 848, Roswell, New Mexico 88201		8. Farm or Lease Name Marathon State	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM <u>West</u> <u>24</u> TWP. <u>14-S</u> RGE. <u>29-E</u> NMPM		9. Well No. 1	
15. Date Spudded 8/17/78		10. Field and Pool, or Wildcat Undes. Double L Queen Associated	
16. Date T.D. Reached 9/15/78		12. County Chaves	
17. Date Compl. (Ready to Prod.) 10/03/78		18. Elevations (DF, RKB, RT, GR, etc.) 3793' GR	
20. Total Depth 1936'		19. Elev. Casinghead 0-1916'	
21. Plug Back T.D. 1924'		23. Intervals Drilled By Rotary Tools 1916-1936' Cable Tools 0-1916'	
22. If Multiple Compl., How Many		24. Producing Interval(s), of this completion - Top, Bottom, Name 1893-1905' Queen Sand	
26. Type Electric and Other Logs Run Gamma-Ray Neutron, Acoustic Cement Evaluation Log		25. Was Directional Survey Made No	
27. Was Well Cored No			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE 4 1/2"	WEIGHT LB./FT. 9 1/2#	DEPTH SET 1936'	HOLE SIZE 8 - 13 3/8"
CEMENTING RECORD 500 sx TOC by cement evaluate log 95'		AMOUNT PULLED None	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
31. Perforation Record (Interval, size and number) 1895-1905' 2 shots/ft. .45" casing gun		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL 1895-1905		AMOUNT AND KIND MATERIAL USED Acidized 1000 gals. Fraced 19,000 gals gelled water, 20,000# sand	
33. PRODUCTION			
Date First Production 10/05/78	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping--1 1/2" downhole pump		Well Status (Prod. or Shut-in) Producing
Date of Test 10/06/78	Hours Tested 24	Choke Size 2"	Prod'n. For Test Period 80
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate →	Oil - Bbl. 80
Gas - MCF TSTM		Water - Bbl. 0	Gas - Oil Ratio NA
Oil Gravity - API (Corr.) 36			
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented, will use for fuel		Test Witnessed By Cleo Brown	
35. List of Attachments 1 copy of sample log. Electric logs sent by Western (CRC)			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED <u>J. McClellan</u>		TITLE <u>Operator</u> DATE <u>10/07/78</u>	

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Form C-105
Revised 11-1-76

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. K-6772

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Unit Agreement Name
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	8. Farm or Lease Name Marlisue

2. Name of Operator McClellan Oil Corporation	9. Well No. 5
3. Address of Operator Drawer 730, Roswell, New Mexico 88201	10. Field and Pool, Undersig. Double L Queen Assoc.

4. Location of Well 1980' FNL & 2310' FEL	11. County Chaves
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 2310 FEET FROM East LINE OF SEC. 24 TWP. 14-S RGE. 29-E NN1PM	

15. Date Spudded 9/24/79	16. Date T.D. Reached 10/16/79	17. Date Compl. (Ready to Prod.) 11/01/79	18. Elevations (DF, RKB, RT, GR, etc.) 3809' GL	19. Elev. Casinghead
20. Total Depth 1931	21. Plug Back T.D. N.A.	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools O-T.D.	

24. Producing Interval(s), of this completion - Top, Bottom, Name 1930-1931 Queen sand	25. Was Directional Survey Made No
--	--

26. Type Electric and Other Logs Run None--See sample description attached	27. Was Well Cored No
--	---------------------------------

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20 lb.	402'	10"	150 sx Class "C" Circ.	None
4 1/2"	9 1/2 lb.	1928'	8"	200 sx Class "C"	
				700 Cade @ 70% @ 1235'	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	1908'	

31. Perforation Record (Interval, size and number) 1928'-1931' Open hole	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 1928-1931 AMOUNT AND KIND MATERIAL USED Fraced 10,000 gals. gelled water, 9,500 lbs. sand
--	---

33. PRODUCTION							
Date First Production 11/09/79		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 11/09/79	Hours Tested 24	Choke Size 2"	Prod'n. For Test Period →	Oil - Bbl. 25	Gas - MCF TSTM	Water - Bbl. 65	Gas - Oil Ratio N.A.
Flow Tubing Press. 0	Casing Pressure 20 lbs.	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 36	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Cleo Brown
---	--

35. List of Attachments 2 copies of sample description
--

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED J. McClellan	TITLE Operator	DATE 11/22/79

CONFIDENTIAL - II

Northwestern New Mexico

T. Penn. '11

OIL OR GAS SANDS OR ZONES

1930

IMPORTANT WATER SANDS

FORMATION RECORD (Attach additional sheets if necessary)

Formation

See Sample Description

[illegible]

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 10-8-8

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
K-6772

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name
8. Farm or Lease Name
Marlisue

2. Name of Operator
McClellan Oil Corporation

9. Well No.
6

3. Address of Operator
P. O. Drawer 730, Roswell, New Mexico 88201

10. Field and Pool, or Wildcat
Double "L" Queen Assoc.

4. Location of Well
UNIT LETTER **C** LOCATED **1155** FEET FROM THE **North** LINE AND **2475** FEET FROM

11. County
Chaves

THE **West** LINE OF SEC. **24** TWP. **14-S** RGE. **29-E** NMPM

15. Date Spudded 4/11/80	16. Date T.D. Reached 6/02/80	17. Date Compl. (Ready to Prod.) June 1, 1980	18. Elevations (DF, RKB, RT, GR, etc.) 3800 G. L.	19. Elev. Casinghead
------------------------------------	---	---	---	----------------------

20. Total Depth 1955	21. Plug Back T.D. 1950	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools O - T. D
--------------------------------	-----------------------------------	----------------------------------	--

24. Producing Interval(s), of this completion - Top, Bottom, Name
1916-1926 - Queen Sand

25. Was Directional Survey Made
No
26. Type Electric and Other Logs Run
Gamma-ray Neutron --
27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20 lbs.	413	10-1/4"	150 sx (circ.)	None
4-1/2"	9-1/2 lb.	1955	8"	150 sx 70% @ 1435'	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1890'	None

31. Perforation Record (Interval, size and number) 1916-1926 - 2 shots/ft. 20 holes .31"	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	1916-1926	500 gals. 15% HCl acid
		Fraced 10,000 gals. gelled water
		14,000 lbs. sand

33. PRODUCTION							
Date First Production 6/01/80		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" insert pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 6/04/80	Hours Tested 24	Choke Size 2"	Prod'n. For Test Period →	Oil - Bbl. 64	Gas - MCF TSTM	Water - Bbl. 64 Frac. wtr.	Gas - Oil Ratio
Flow Tubing Press. NA	Casing Pressure 20 lbs.	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 34°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold to Phillips

Test Witnessed By
Cleo Brown

35. List of Attachments
2 copies of electric furnished direct by logging company

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED **Paul J. McClellan** TITLE **Operator** DATE **6/05/80**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 30 through 34 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 <u>210</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>414</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>1035</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>1155</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>1720</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1914</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	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 <u>1916</u> to <u>1926</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	210	210	Red beds and gravel				
210	414	204	Anhydrite and red beds				
414	1035	621	Salt				
1035	1155	120	Anhydrite and red shale				
1155	1170	15	Red sand, shale, & dolo.				
1170	1914	744	Anhydrite, red sand & sh. dolo.				
1914	1926	12	Gray sand				
1926	1955	29	Anhydrite, red sand, & shale				

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Form C-105
Revised 11-88

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
K-6772	

1a. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Marlisue State
9. Well No.
7
10. Field and Pool, or Wildcat
Double "L" Queen Assoc.

2. Name of Operator	
McClellan Oil Corporation	
3. Address of Operator	
Post Office Drawer 730, Roswell, New Mexico 88201	

4. Location of Well	
UNIT LETTER <u>B</u>	LOCATED <u>1155</u> FEET FROM THE <u>North</u> LINE AND <u>2145</u> FEET FROM
THE <u>East</u> LINE OF SEC. <u>24</u>	TWP. <u>14-S</u> RGE. <u>29-E</u> NMPM

12. County
Chaves

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
10/17/80	11/12/80	12/01/80	3809' G.L.	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
1972'	1963'			Cable Tools

25. Was Directional Survey Made
No
27. Was Well Cored
No

24. Producing Interval(s), of this completion - Top, Bottom, Name	
1942-48 Queen Sand	
26. Type Electric and Other Logs Run	
Gamma ray Neutron	

29. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20 lb.	410'	10-1/4"	125 sx circ.	None
4-1/2"	10 1/2 lbs.	1971'	8"	125 sx Class "C"	
				700 cals at 70%	
				@ 1538'	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1900'	None

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1942-48 - .04 - 12 holes (2/ft.)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		1942-48	300 gallons acid, 10,000 gallons gelled water, 12,000 lbs. sand.

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
12/01/80		Pumping				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/04/80	24	2"		2	TSTM	75	NA
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
0	0					32	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By	
Phillips		Brown	

35. List of Attachments	
2 copies of electric log	

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED <u>Gene J. McClellan</u>	TITLE <u>Operator</u>	DATE <u>12/08/80</u>
---------------------------------	-----------------------	----------------------

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 in 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 30 through 34 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 <u>345</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>485</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt <u>1090</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>1185</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>1740</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1940</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	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 <u>1945</u> to <u>1950</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>None</u> to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	345	345	Red beds & sand				
345	485	140	Anhydrite, red beds				
485	1090	605	Salt				
1090	1748	658	Anhydrite, gyp, red beds				
1748	1790	42	Red sand & shale				
1790	1945	155	Anhydrite, red sand, shale				
1945	1955	10	Gray sand & red sand				
1955	1972	17	Anhydrite, red sand				

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LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 11-84

5a. Indicate Type of Lease	
State ☒	Free ☐
5. State Oil & Gas Lease No.	
K-6772	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐ DRY ☐ OTHER <u>Water Injection</u>
1b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
<u>Marliese Queen Unit</u>
8. Farm or Lease Name
<u>Tract 2</u>
9. Well No.
<u>6</u>

2. Name of Operator
<u>McClellan Oil Corporation</u>

10. Field and Pool, or Wildcat
<u>Double L Queen</u>

3. Address of Operator
<u>P.O. Drawer 730, Roswell, NM 88202</u>

4. Location of Well	
UNIT LETTER <u>F</u>	LOCATED <u>1590</u> FEET FROM THE <u>North</u> LINE AND <u>1870</u> FEET FROM <u>West</u> LINE OF SEC. <u>24</u> TWP. <u>14S</u> RGE. <u>29E</u> NMPM

11. County
<u>Chaves</u>

15. Date Spudded <u>3/6/84</u>	16. Date T.D. Reached <u>3/21/84</u>	17. Date Compl. (Ready to Prod.) <u>4/30/84</u>	18. Elevations (DF, RKB, RT, GR, etc.) <u>3796' G.L.</u>	19. Elev. Casinghead <u>3796</u>
-----------------------------------	---	--	---	-------------------------------------

20. Total Depth <u>1944</u>	21. Plug Back T.D. <u>1944</u>	22. If Multiple Compl., How Many	23. Intervals Drilled By <u>Rotary Tools</u>	Cable Tools <u>0-TD</u>
--------------------------------	-----------------------------------	----------------------------------	---	----------------------------

24. Producing Interval(s), of this completion - Top, Bottom, Name <u>1909 - 1917 Queen</u>	25. Was Directional Survey Made <u>No</u>
---	--

26. Type Electric and Other Logs Run <u>Gamma Ray - Neutron</u>	27. Was Well Cored <u>No</u>
--	---------------------------------

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8-5/8"</u>	<u>20</u>	<u>385</u>	<u>10"</u>	<u>175 sx</u>	<u>Circulated</u>
<u>4-1/2"</u>	<u>9.5</u>	<u>1944</u>	<u>8"</u>	<u>400 sx TOE</u>	<u>-</u>
				<u>Cole @ 70%</u>	
				<u>at 560'</u>	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<u>2-3/8</u>	<u>1875</u>	<u>1875</u>

31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
<u>1909-1917</u>	<u>.42</u>	<u>18</u>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
			<u>1909-1917</u>	<u>250 gal 15% HCL, 20,000 gal Gel, 15,500 lbs 20/40, 5000 lbs 10/20</u>

33. PRODUCTION							
Date First Production <u>N/A</u>		Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Water Injection</u>				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
--	-------------------

35. List of Attachments <u>Logs Previously Sent</u>
--

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED <u>Paul Ragdale</u>	TITLE <u>Operations Manager</u>	DATE <u>3/20/85</u>

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 15 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 by tag, in the case of conventionally drilled wells, true vertical depths shall also be reported. For multiple completions, Zones 36 through 34 shall be reported for each zone. This form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1125.

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. "H" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 1158	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1721	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1906	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Quizte _____
T. Glorieta _____	T. McKee _____	Dase Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinobry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfeump _____	T. _____	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. 4, from.....to.....
No. 2, from.....to..... No. 5, from.....to.....
No. 3, from.....to..... No. 6, 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.

No. 4, from.....to.....feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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LAND OFFICE	
OPERATOR	☒

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAR 26 1985

O. C. D.

ARTESIA, OFFICE

Form C-105
Revised 10-84

5a. Indicate Type of Lease
State ☒ Fee ☐
5. Lease Oil & Gas Lease No.
K-6772

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐ Water Injection
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ OTHER ☐

7. Unit Agreement Name
Marlisue Queen Unit
8. Term of Lease Name
Tract 2
9. Well No.
7

2. Name of Operator
McClellan Oil Corporation
3. Address of Operator
P.O. Drawer 730, Roswell, NM 88202
4. Location of Well

10. Field and Pool, or Wildcat
Double L Queen Assoc

UNIT LETTER G LOCATED 2620 FEET FROM THE North LINE AND 2075 FEET FROM East
THE LINE OF SEC. 24 TWP. 14S RGE. 29E NMPM

12. County
Chaves

15. Date Spudded 3/26/84 16. Date T.D. Reached 4/12/84 17. Date Compl. (Ready to Prod.) 4/30/84 18. Elevations (DF, RKB, RT, GR, etc.) 3811' G.L. 19. Elev. Casinghead 3811
20. Total Depth 1976 21. Plug Back T.D. 1976 22. If Multiple Compl., How Many
23. Intervals Drilled By Rotary Tools Cable Tools
0-TD

24. Producing Interval(s), of this completion - Top, Bottom, Name
1934 - 1946 Queen
25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Gamma Ray - Neutron
27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)
Casing Size Weight lb./ft. Depth Set Hole Size Cementing Record Amount Pulled
8-5/8" 20 350 10" 175 sx Circulated
4-1/2" 9.5 1976 8" 350 sx TOC Cole @ 764'

29. LINER RECORD
Size Top Bottom Sacks Cement Screen
30. TUBING RECORD
Size Depth Set Packer Set
2-3/8 1861 1861

31. Perforation Record (Interval, size and number)
1934-1946 .42" 24
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Depth Interval Amount and Kind Material Used
1934-1946 250 gal 15% Acid, 20,000 gal Gel, 20,500 lbs 20/40 & 10/20 Sand

33. PRODUCTION
Date First Production N/A Production Method (Flowing, gas lift, pumping - Size and type pump) Injection Well Status (Prod. or Shut-in)
Date of Test Hours Tested Choke Size Prod'n. Per Test Period Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Test Witnessed By

35. List of Attachments
Logs Previously Sent

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

Paul Ragdale

TITLE

Operations Manager

DATE

3/20/85

INSTRUCTIONS

This form is to be filed with the approval of the District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and pressure test logs, logs 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, logs through the 44 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 71105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southwestern 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. Anoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 1184	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1747	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1932	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Quiz _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blainebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	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. 4, from.....to.....
No. 2, from.....to..... No. 5, from.....to.....
No. 3, from.....to..... No. 6, 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.

No. 4, from.....to.....feet.

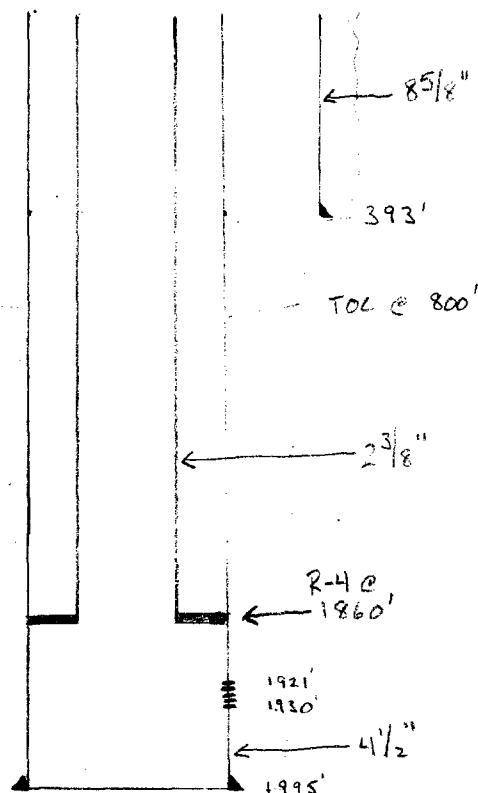
FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

INJECTION WELL DATA SHEET

McClellan Oil Corporation		Marlisue Queen Unit	
OPERATOR		LEASE	
Tract 2-8	2140' FNL & 2475' FWL	24	14S 29E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE

Schematic



Tabular Data

Surface Casing

Size 8-5/8 " Cemented with 200 sx.
 TOC surface feet determined by witness
 Hole size 12 1/4 "

Intermediate Casing

Size " Cemented with sx.
 TOC feet determined by
 Hole size "

Long string

Size 4 1/2 " Cemented with 200 sx.
 TOC 800 feet determined by survey
 Hole size 7-7/8 "
 Total depth 1995 "

Injection interval

1921 feet to 1930 feet
 (perforated or open-hole, indicate which) perforated

Tubing size 2-3/8 " lined with P.V.C. plastic set in a
 (material)
Howco R-4 packer at 1860 feet
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Queen
- Name of field or Pool (if applicable) Marlisue Queen Unit
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No; perferd only in
proposed injection formation
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. No overlying and no underlying pays penetrated by bit.



McClellan Oil Corporation

January 22, 1988

Bogle Farms, Inc.
P.O. Box 460
Dexter, NM 88230

Attention: Bill Bogle

Dear Mr. Bogle:

Enclosed is a copy of an application for injection for our Marlisue Queen Unit Tract 2-8, located on your surface in Section 24-T14S-R29E. We have applied to the Oil Conservation Division for approval of this well to be converted to injection.

This is solely a notice for your information. Please acknowledge your receipt of this application by signing at the bottom of this letter and returning it to me.

If you should have any questions, please contact me.

Sincerely,

Paul Ragadale
Operations Manager

Received this _____ day
of January, 1988.

Bogle Farms, Inc.

BY: _____

Attachments: Letter
Application for Injection



McClellan Oil Corporation

January 22, 1988

Roswell Daily Record
P.O. Box 1897
Roswell, NM 88202

Re: Newspaper Legal Notice

Gentlemen:

We shall appreciate you publishing in one issue of your newspaper, the legal notice attached. Please mail us your statement for this service, including an Affidavit of Publication.

Thank you for your cooperation in this matter.

Sincerely,

Tamara Richardson

Tamara Richardson
Production Clerk

McClellan Oil Corporation, Suite 850, United New Mexico Bank Plaza, (505) 622-3200, Paul Ragsdale (contact party), proposes to inject water for secondary recovery purposes in the Marlisue Queen Unit Well Tract 2-8, located 2140' FNL & 2475' FWL of Section 24-T14S-R29E. Injection will be in the Queen formation from 1921' - 1930' at a maximum rate of 150 B.W.P.D. at a maximum pressure of 1000 psi. Any interested party may file objections or requests for a hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 87501 within 15 days from the date of this notice.