

RECEIVED BY

JUL 18 1985

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer DD

ARTESIAN, SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use ARRESTED OFFICE for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Waterflood	5. LEASE DESIGNATION AND SERIAL NO. LC-069280-A
2. NAME OF OPERATOR McClellan Oil Corporation	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Drawer 730, Roswell, NM 88202	7. UNIT AGREEMENT NAME Sulimar Queen Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface See Below 1370/W 2615/5	8. FARM OR LEASE NAME Tracts 1 & 3
14. PERMIT NO.	9. WELL NO. See Below 11
15. ELEVATIONS (Show whether DF, AT, GR, etc.)	10. FIELD AND POOL, OR WILDCAT Sulimar Queen
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA T15S-R29E
	12. COUNTY OR PARISH Chaves
	13. STATE NM

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Temporary Abandonment <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The following wells have been temporarily shut-in due to low production and uneconomic conditions at present. The wells will not be plugged at this time due to the possibilities of tertiary recovery being conducted in the future.

	Well #	Unit	Section
Tract I	5	N	24
	6	L	24
	7	M	24
	8	N	13
	10	N	24
	11	K	24
	12	C	24
	13	M	24
	14	K	24
Tract III	6	O	24

18. I hereby certify that the foregoing is true and correct

SIGNED Paul Kaydala

TITLE Operations Manager

DATE 6/5/85

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

See attached slip.

APPROVED FOR 12 MONTH PERIOD

ENDING 7/12/86

*See Instructions on Reverse Side

APPROVED
PETER W. CHESTER
DATE

JUL 12 1985

BUREAU OF LAND MANAGEMENT
ROSWEEL RESOURCE AREA



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell Resource Area
P.O. Drawer 1857
Roswell, New Mexico 88201

IN REPLY REFER TO

Date 7/12/85

*Sullivan Queen unit
tract I; 5, 6, 7, 8, 10, 11, 12, 13 & 14
tract III; 6*

Re: Well No.: tract III; 6

Located: _____

Sec. 17 & 24, T. 15S, R. 29E

Lease No.: LC - 069780A

Current Status of Wells ☐ Shut-in ☒ Temporarily Abandoned

Date of shut-in or temporary abandonment: Over one year

Date of latest approval of temporary abandonment: July 12, 1985

Time limit of latest approval of temporary abandonment: one year.

Date of last casing test: none

If you want this well to remain in shut-in or temporarily abandoned status please submit to this office the following checked request.

☐ A request (application) for the well to be in temporarily abandoned status. Such an application should show the downhole status and how the well is secured at the surface. The downhole condition shall be such as to prevent damage due to the migration of water and/or hydrocarbons. The application should be made on "Sundry Notices and Reports on Wells" Form 3160-5 (original and 6 copies).

☒ It is determined that because of the age of the wells and/or the length of time the wells have been shut-in or temporarily abandoned the downhole integrity of the well should be tested. This test shall be witnessed by a representative of the BLM and will be completed within 60 days of the date of this letter. Therefore, please submit for approval a program for testing this well. The application should be made on "Sundry Notice and Report on Wells" Form 3160-5. Any well found in an unsatisfactory condition will be corrected or the well plugged and abandoned. If the well is not tested, it will be considered unserviceable and you will be required to plug and abandon the well.

Applications should be made within thirty (30) days from the date of this letter. If there are any questions please contact Peter W. Chester at phone no. 505 - 624 - 1790.

Sincerely yours,

*Peter W. Chester
D. T. 911 C 1*



LTR



Job separation sheet



BRUCE KING
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

November 22, 1982

24-15-29
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

RECEIVED

NOV 24 1982

O. C. D.
ARTESIA OFFICE

McClellan Oil Corporation
Drawer 730
Roswell, New Mexico 88202

Attention: Paul Ragsdale

Re: Second Request for
Administrative Authori-
zation to Increase Injection
Pressure in the Sulimar
Queen Unit

Gentlemen:

Pursuant to your letter of November 17, 1982, requesting administrative authorization to increase injection pressure in the Sulimar Queen Unit, the information you supplied is inadequate to substitute for step-rate test results. The Oil Conservation Division does not consider treatment tests and the information derived or inferred from them to validate increases of injection pressure.

According to Artesia District Supervisor, Les Clements, McClellan Oil Corporation has been operating those injection wells affected by WFX Orders 486 and 487 at the injection pressures of 1000 psi for at least the last six months. This is in direct violation of the orders which state 395 and 400 psi, respectively, for WFX-486 and 487.

In review of the orders it was found that the injection pressure limit of WFX Order 486 was in error. The correct pressure should be 395 psi instead of 295 psi. The injection pressure limit is established by Memo 3-77 (8-24-77) item number 1. Please refer to the attached memo for clarification.

McClellan Oil Corporation is hereby ordered to return to the authorized pressure limitations or shut in your wells. The pressure limitations shall remain in effect until approval of step-rate test results show otherwise. Correction of injection pressure limitations shall be made within five days from the date of this letter.

Letter to McClellan Oil Corporation
November 22, 1982

In reply to the Stephens Engineering letter of October 4, 1982, the type and method of step-rate test is as follows:

1. Sulimar Queen Unit Well No. 1-11, Unit L, Section 24, Township 15 South, Range 29 East, NMPM, Chaves County, New Mexico, shall be bled off until hydrostatic pressure has stabilized (zero pressure at the surface) or the bottomhole pressure is very near (5 lbs.±) the shut-in formation pressure. Proof of shut-in formation pressure (bottomhole) must be substantiated; otherwise, hydrostatic surface pressure of zero will be used.
2. After stabilization has been established, a six (6) to eight (8) point step-rate injectivity test shall be run. This test shall be a series of constant-rate injections with rates increasing from low to high. Each step shall last exactly as long as the preceding step.
3. A strip chart recording simultaneous pressure, volume, and time is required of the step-rate injectivity test.
4. Injection rates during the test shall be controlled with a constant flow-rate regulator. The regulator shall be tested before use and proof of its accuracy shall be submitted to the field inspector and submitted along with the test results. Use of a throttling valve as a flow rate regulating device will not be allowed.
5. Flow rates shall be measured with a turbine flowmeter and a rate meter such as those made by Halliburton. The flow and rate meter shall be tested and, if necessary, recalibrated. Field reports verifying testing and recalibration shall be submitted to the inspector with the rest of the testing data.
6. Pressures shall be measured with a downhole instrument. Surface pressure readings or recordings of the step-rate injectivity test will not be allowed to be substituted for downhole pressure measurements but can be simultaneously recorded and submitted as additional information.
7. All test data as outlined above and any other data relative to the step-rate injectivity test shall be submitted to the OCD. Results of the step-rate test shall be plotted

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Letter to McClellan Oil Corporation
November 22, 1982

on graph paper with a written explanation of the test accompanying it. The plot shall show:

- 1) A plot of points as derived by plotting the pressures at the start of the test (at $q = 0$) and at the end of each injection rate step against their corresponding injection rates.
- 2) The plot shall depict downhole pressures corrected to the surface elevation of the well and, if recorded, pressures recorded at the surface. Calculations shall accompany the plot.
- 3) If the data does not follow Darcy's Law and is considered a non-Darcy flow (most likely due to well construction), complete calculations, methodology, and explanations thereof shall accompany the application and plot.

If you have any questions on this matter you may call Oscar Simpson at (505) 827-5812.

Yours very truly,

JOE D. RAMEY
Director

JDR/OAS/fd
enc.

cc: L. A. Clements, Artesia OCD