

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIF
(Other instruction
verse side)

ATE
3 re

Budget Bureau No. 1004-0185
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO

LC029519A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

BV Lynch A Fed

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Lynch-Yates Seven Rivers

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

Sec 34, T-20-S, R-34-E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

1. OIL ☒ GAS ☐ OTHER ☐

2. NAME OF OPERATOR

Olsen Energy, Inc.

3. ADDRESS OF OPERATOR

16414 San Pedro, Suite 470, San Antonio, Texas 78232

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

See also space 17 below.)

At surface

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, CR, etc.)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) NTL-2B Approval

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)

- a) Water production is from the Yates Seven Rivers Formation.
- b) Water production is 6500 BPD when all wells on the lease are operating.
- c) See attached water analysis.
- d) Water is stored in 2-500 bbl welded tanks.
- e) Water is moved by pipeline from the water storage tanks to two disposal wells on the lease.

f) The disposal wells are:

Olsen Energy, Inc. - BV Lynch "A" #2 - SE/4 SE/4 Sec 34, T-20-S, R-34-E order no. R-7971.
Olsen Energy, Inc. - BV Lynch "A" #10-NE/4 NW/4 Sec 34, T-20-S, R-34-E, order no. R-4612.
Olsen Energy, Inc. - BV Lynch "A" #8 - TA NE/4 SE/4 Sec 34, T-20-S, R-34-E

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

SIGNED

TITLE Drilling/Production Manager

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

see attached

*See Instructions on Reverse Side

RECEIVED
JUN 7 2 04 PM '83
BUREAU OF LAND MANAGEMENT
HOBBS, N.M.

UNICHEM INTERNATIONAL
P.O. BOX 1499 707 NORTH LEECH STREET
HOBBS, NEW MEXICO 88240

Olson Energy
16414 San Padre
San Antonio , TX 78232

Report Date: June 3, 1993
Lab In Date: June 2, 1993
Sample Date: May 28, 1993

Dear Rusty Olson

Listed below please find our water analysis report from B. V. Lynch , SWD :

Specific Gravity: 1.017
Total Dissolved Solids: 24171
PH: 7.18
Ionic Strength: .482

CATIONS:

		mg/liter
Calcium:	(Ca++)	1120
Magnesium:	(Mg++)	437
Sodium:	(Na+)	7226
Iron (Total)	(Fe++)	133.00
Barium	(Ba++)	.80
Manganese:	(Mn++)	.62
Resistivity:		

ANIONS:

Bicarbonate:	(HCO3-)	608
Carbonate:	(CO3--)	0
Hydroxide:	(OH-)	0
Sulfate:	(SO4--)	2780
Chloride:	(Cl-)	12000

GASES:

Carbon Dioxide:	(CO2)	*****
Oxygen:	(O2)	*****
Hydrogen Sulfide:	(H2S)	*****

SCALE INDEX (Positive Value Indicates Scale Tendency) * indicates tests were not run.

Temperature		CaCO3 SI	CaSO4 SI
86F	30.0C	.56	-7.16
104F	40.0C	.80	-7.47
122F	50.0C	1.05	-7.65
140F	60.0C	1.33	-7.09
168F	70.0C	1.66	-5.90
176F	80.0C	2.00	-3.96

If you have any questions or require further information, please contact us.

Sincerely,

Jeanne M. McMurray

Laboratory Technician

cc:

cc: Joe May
John Offutt

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Disposal of Produced Water From Federal Wells

Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency be notified of any change in your method or location of disposal.
2. Compliance with all provisions of NTL-2B.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
6. Any on lease open top storage tanks or pits shall be covered with a wire screen or plastic/nylon netting to prevent entry by birds and other wildlife.
7. This approval does not constitute right-of-way approval for any off lease activities. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.