

UNITED STATES

SUBMIT IN TRIPL  
(Other instructions  
verse side)

Budget Bureau No. 1004-0125  
Expires August 31, 1985

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

P. O. BOX 188240  
NEW MEXICO 88240

# HUNDRED NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ 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 DF, RT, GR, etc.)

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

Lea

13. STATE

New Mexico

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

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

### 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

*Dick Montez*

TITLE Drilling/Production Manager

DATE

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*see attached*

\*See Instructions on Reverse Side

UNICHEM INTERNATIONAL  
P.O. BOX 1499 707 NORTH LEECH STREET  
HOBBBS, 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

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

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

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GASES:

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

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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. Mcmurry*

Laboratory Technician

cc:

bc: Joe Hay  
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.