

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BLM-CARLSBAD

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Enserch Exploration, Inc.

3. Address and Telephone No.  
4849 Greenville Ave., Ste. 1200 Dallas, Texas 75206 214/987-6495

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
600' FSL & 1980' FWL Unit N Section 21, T25S-R36E

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
NM-03429

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
Texaco West Jal "21" #1

9. API Well No.  
30-025-33348

10. Field and Pool, or Exploratory Area  
West Jal Delaware Field

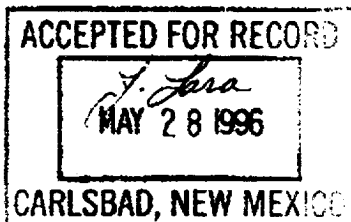
11. County or Parish, State  
Lea County, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Well History
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

13. 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.)

See attached well history.



RECEIVED  
MAY 3 10 46 AM '96  
BLM-CARLSBAD

Note to Operator:

Need to file subsequent report of Abandonment (Form 3160-5) & well Completion Report (Form 3160-4). Original & 5 Copies of each.

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

Signed Paul A. Whitehead Title Sr. Drlg. Engineer Date 5-01-96

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

Jabalina Prospect  
Texaco West Jal 21 #1 - Enserch Expl., Inc. - Lea County, New Mexico

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Date of Report	<u>Progress Since that Last Reported and Status as of 8:00 a.m. Today</u>
4-4-96	<u>INITIAL REPORT</u> API #3002533348 Contractor - Gene Sledge Drlg. Co./Rig #8 Location - 660 feet from the south line and 1,980 feet from the west line of Sec. 21, T-25-S, R-36-E. EEI WI - 97.91% Projected TD - 7,800 feet Objective Formation - Brush Canyon Rigged up and spudded the well at 4:00 p.m. on 4/3/96, drilled to 402 feet, pulled out of hole. Ran and cemented 13-3/8" casing at 402 feet with 415 sacks of cement. Plug was down at 5:40 a.m. on 4/4/96, float held. Circulated 170 sacks of cement to pit. Allowing cement to harden.
4-5-96	Allowed cement to harden four hours. Installed slip-on wellhead, tested to 500 psi. Nippled up BOPs, tested stack and manifold to 1,000 psi. Picked up and ran 12-1/4" bit, drilled plug, float and 20 feet of cement inside shoe joint, tested casing to 1,000 psi. Finished drilling shoe joint, then drilled 500 feet. Drilling at 902 feet.
4-6-96	Drilled 95 feet to 997 feet and kelly hose parted at top of standpipe. Pulled out of hole to bottom of surface casing, found four inch nipple on goose neck washed out. Replaced nipple and installed kelly hose. Went in hole, washed 30 feet to bottom. Drilled 303 feet. Drilling at 1,300 feet.
4-7-96	Drilled 750 feet. Drilling at 2,050 feet.
4-8-96	Drilled 164 feet. Drilling at 2,214 feet. Survey at 2,128 feet showed 2.75 degrees.
4-9-96	Drilled 318 feet. Drilling at 2,532 feet. Survey at 2,317 feet showed 1.75 degrees.
4-10-96	Drilled 603 feet. Drilling at 3,135 feet.
4-11-96	Drilled 183 feet. Drilling at 3,318 feet in anhydrite and salt.
4-12-96	Drilled 117 feet. Drilling at 3,435 feet in anhydrite.
4-13-96	Drilled 38 feet to 3,473 feet in dolomite, circulated and conditioned 1-1/2 hours. Pulled out of hole, laid down six eight-inch drill collars. Ran and cemented 8-5/8" casing at 3,473 feet with 1,500 sacks of cement. Had good returns throughout, plug down at 8:30 p.m. on 4/12/96, 200 sacks of cement to surface. Allowed cement to harden 3-1/2 hours. Nippled down BOPs and currently welding on wellhead.
4-14-96	Finished installing wellhead, attempted to test and found crack in bottom lip. Waited on new wellhead, installed wellhead and tested to 1,000 psi. Nippled up BOPs, tested rams, valves, lines and choke to 3,000 psi, annular to 1,500 psi. Picked up four joints of drill pipe, tested casing to 2,100 psi. Drilled cement and float

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	equipment, circulated bottoms up. Drilled 67 feet. Drilling at 3,540 feet in dolomite.
4-15-96	Drilled 510 feet. Drilling at 4,050 feet in dolomite.
4-16-96	Drilled 800 feet. Drilling at 4,850 feet in dolomite.
4-17-96	Drilled 680 feet. Drilling at 5,530 feet in sand, lime and dolomite.
4-18-96	Drilled 720 feet. Drilling at 6,250 feet in sandstone, dolomite and sand.
4-19-96	Drilled 600 feet. Drilling at 6,850 feet in silt, sand and lime.
4-20-96	Drilled 565 feet. Drilling at 7,415 feet in silt, sand, lime and dolomite.
4-21-96	Drilled 96 feet to 7,511 feet--circulated samples at 7,494, 7,505 and 7,511 feet. Circulated and conditioned mud three hours, pulled out of hole. Picked up core bit and 60 foot barrel assembly, ran core barrel to 7,470 feet. Washed and reamed to 7,511 feet, picked up pup joints and spaced out core barrel. Dropped ball and circulated to bottom. Cored 54 feet and cutting core No. 1 at 7,565 feet in the Brushy Canyon.
4-22-96	Cored six feet and finished cutting 60 feet of core No. 1 from 7,511 to 7,571 feet. Broke core and pulled out of hole with good recovery, laid down core barrel and jars. Picked up DST tools and ran in hole, received orders to drill to 7,700 feet and log. Pulled out of hole, laid down DST tools. Picked up rerun bit and ran in hole to 7,500 feet. Washed and reamed core hole from 7,511 to 7,571 feet, then drilled 71 feet to 7,642 feet, circulated samples. Drilled 58 feet to 7,700 feet in silt, lime and chert. Circulating and conditioning hole to log.
4-23-96	Circulated and conditioned 3-3/4 hours, dropped survey and pulled out of hole. Rigged up Halliburton and ran logs, rigged down Halliburton. Picked up rerun bit and drill collars, ran in hole to 5,000 feet. Circulated and conditioned mud 2-1/2 hours for straddle test in Yates from 3,840 to 3,756 feet, pulled out of hole. Currently picking up DST tools for straddle test.
4-24-96	Finished picking up straddle pack DST tools. Went in hole with tools, received orders to change test zone to 3,666 to 3,750 feet. Rigged up test manifold and lines, ran DST No. 1. Attempted to set packers at test interval and moved downhole 12 feet before packers set. Opened tool 15 minutes with fair blow in five minutes, increased to good blow--lost six barrels on annulus during flow period. Tool slid downhole four feet and annulus sealed off while closing tool for initial shut-in period. Closed tool 30 minutes and annulus took one barrel while shut-in. Opened tool 60 minutes and pressure dropped throughout period, annulus stayed full. Closed tool for two hours. Pulled packers loose and pulled out of hole,

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Report

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recovered 1,086 feet of drilling mud. Sample chamber contained 2,350 cc's of drilling mud, no pressure.

Initial flowing pressure (15 min.) - 140-505 psi

Initial shut-in pressure (30 min.) - 1,508 psi

Final flowing pressure (60 min.) - 502-506 psi

Final shut-in pressure (2 hrs.) - 1,570 psi

Pulled out of hole, laid down drill collars. Ran drill pipe open-ended to 7,508 feet, set cement plug. Cement in place at 5:15 a.m. on 4/24/96. Laying down drill string in preparation to abandon well.

4-25-96      Finished plugging well for abandonment. Cleaned pits and released rig at 6:00 a.m. on 4/25/96. FINAL REPORT.