

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-01350
Expires: March 31, 1993

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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD	5. Lease Designation and Serial No. NM-14329
2. Name of Operator YATES PETROLEUM CORPORATION (505) 748-1471	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 105 South 4th St., Artesia, NM 88210	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit J, 1980' FSL & 1980' FEL of Section 8-T21S-R32E	8. Well Name and No. Union AJS Federal #1
	9. API Well No. 30-025-31412
	10. Field and Pool, or Exploratory Area Wildcat - Delaware
	11. County or Parish, State Lea Co., NM

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 type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Perfs, acid & frac	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

7-15-93 - Bled pressure off. Nippled down frac flange and installed BOP. TIH w/4" casing guns and perforated 4996-5190' w/24 .42" holes (1 shot every 2'). TIH w/packer and tubing to 5661'. Unset RBP at 5661'. Rset RBP at 5233'. Tested RBP to 2000#, OK. Set packer at 4905'. Acidized perforations 4996-5190' with 1500 gallons 7-1/2% HCL NEFE acid and ball sealers. Unset packer at 4905'. Knocked balls off perforations. TOOHw/tubing and packer. Nippled down BOP. Frac'd down 5-1/2" casing as follows: Stage 1: 15500 gallons 35# cross-link gel, 27500# 20-40 Brady sand and 12500# 20-40 resin coated sand with ball sealers. Stage 2: 15500 gallons 35# crosslink gel, 27500# 20-40 Brady sand and 12500# 20-40 resin coated sand. Shut in.

7-16-93 - Bled pressure off. Rigged down frac flange and installed BOP. TIH w/4" casing guns and perforated 4826-4838' w/13 .42" holes (1 SPF). TOOH. TIH w/packer and tubing to 5233'. Unset RBP at 5233'. Reset RBP at 4905' and tested to 2000#, OK. Set packer at 4740'. Acidized perforations 4836-4838' with 500 gallons 7-1/2% HCL NEFE acid and ball sealers. Unset packer at 4740'. Knocked balls off perforations. Set packer at 4740'. Frac'd perfs. 4836-4838' with 11500 gallons 35# crosslink gel, 20000# 20-40 Brady sand and 10000# 20-40 resin coated sand. Shut in for 3 hours. Unset packer at 4740'. TOOH.w/tubing and packer. TIH w/retrieving tool and 2-7/8" tubing to 4905'. Unset RBP at 4905'. TOOH w/tubing & RBP. 7-19-93 - TIH w/2-7/8" tbg.to 6100'. Circulated casing clean with 2% KCL water. TOOH &

CONTINUED ON NEXT PAGE

14. I hereby certify that the foregoing is true and correct		
Signed <u><i>Rusty B. Allen</i></u>	Title <u>Production Clerk</u>	Date <u>Oct. 25, 1993</u>
(This space for Federal or State office use)		

Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

J. Lora
24 1993