

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

USA - NM -29820

SUNDRY 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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR Yates Petroleum Corporation		Knierim OE Federal Com	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 207 South 4th St., Artesia, NM 88210 660' FSL & 660' FWL		9. WELL NO. 2	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3914.3' GR ARTESIA, OFFICE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Unit M, Sec. 26-6S-24#	
		12. COUNTY OR PARISH Chaves	
		13. STATE NM	

RECEIVED

JUN 01 1981

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	FULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input checked="" type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input 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.)

TD 4050' Ran Temperature Survey & found top of cement at 2620'. PBTD 4009'. WIH w/casing gun on wireline & perforated 3680-87' w/14 .50" holes (2 SPF). Ran 117 jts 2-3/8" tubing, on/off tool, 1.81" nipple, Uni VI packer set at 3634'. Swabbed well. No fluid or gas. Acidized perforations 3680-87' w/1500 gals 10% Moroflo acid plus nitrogen & 20 ball sealers. Show of gas, TSTM. Unset packer & TOOH. WIH w/casing gun on wireline & perforated 3535-42' w/14 .34" holes (2 SPF). TIH w/2-3/8" tubing & set RBP at 3603'. Set packer w/on/off tool & 1.81" profile at 3510'. Swabbed well dry. No show of gas. Acidized perforations 3535-42' w/1500 gals 10% Spearhead acid, nitrogen & ball sealers. Flowed well back & swabbed. WIH w/casing gun on wireline & perforated 24 .34" holes as follows: 3401-08' (14 holes) 3432-35' (6 Holes) & 3454-56' (4 holes). Set RBP at 3480' & Uni VI packer at 3360'. Acidized perfs 3401-08, 3432-35, & 3454-56' w/1500 gals 7 1/2% Spearhead acid, nitrogen, & 25 ball sealers. Swabbed well. Pulled packer & bridge plugs. Prep to squeeze off two lower zones. WIH w/Baker retainer & set at 3500'. Tested tubing to 3000 psi. Load well & circulate. Started squeeze w/150 sacks Class C w/5# salt. Squeezed 32 sacks into formation & had communication w/perforations 3401-3456'. Closed casing valve & pumped remainder of cement into formation. Pulled tubing out of retainer & circulated cement out of casing. Pumped 6 bbls KCL water into perforation 3401-56' to clear perforations. WOC. Ran packer to 3420' to swab test bottom 2 sets of perfs. Started swabbing. Vacuum on annulus. TOOH & TIH w/new packer. Top set of perfs communicated. TOOH w/packer. TIH w/seating nipple & set at 3420'. Frac'd perfs 3401-56' w/20000 gals gel KCL water, 2 loads CO2, 10 balls & 50000# 20/40 sand. Flowed & swab back load w/small show of gas. Plan to plug back to test San Andres or P&A.

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

SIGNED _____

TITLE Engineering Secretary

DATE 5/19/81

(This space for Federal or State use)

APPROVED BY ROGER A. CHAPMAN
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

MAY 28 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side