

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI
(Other instruction on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

NM 491

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. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Yates Petroleum Corporation		8. FARM OR LEASE NAME Lechugilla Canyon Unit	
3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210		9. WELL NO. 8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2180' FSL & 1905' FWL of Sec. 10-24S-24E		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Unit K, Sec. 10-24S-24E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4177' GR		12. COUNTY OR PARISH Eddy	
		13. STATE NM	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL 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"/>		<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) Production casing	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

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 10707' Ran 294 joints of 4-1/2" 11.6# N-80 & K-55 as follows: 59 joints of 11.6# N-80 LT&C; 189 joints of 11.6# K-55 LT&C; 46 joints of 11.6# N-80 LT&C casing set at 10699'. 1 auto-fill shoe at 10699'. 1 auto-fill float collar at 10655'. Cemented w/25 sacks 75-25 Poz, 3/10% D-108, 4/10% D-65, 5#/sack KCL, 500 sacks 50-50 Poz, 3/10% D-108, 4/10% D-65, and 5#/sack KCL. Tailed in w/200 sacks Class "H", 3/10% D-108, 4/10% D-65 and 5#/sack KCL. PD 5:25 PM 9-30-80.

TD 10707'; PBTD 10613' Ran temperature survey and found top of cement at 8050' WIH w/steel strip gun on wireline and perforated 10476-10484' w/10 .34" holes as follows: 10476, 76 1/2, 77, 78, 79, 80, 81, 82, 83 & 84'. Ran packer and 2-3/8" tubing. Set packer at 10442'. Acidized perforations 10476-10484' w/1000 gallons 7-1/2" MS acid and nitrogen. Bled well down. Ran swab. Found fluid level 5600' from surface, scattered. Well kicked off unloading fluid. Stabilized well at 30 psi on 1/2" positive choke = 270 mcf/gpd. Frac'd perforations 10476-10484' w/14000 gallons 5% MS frac, 7000 gallons CO2, 35000# sand.

Recovered load and stabilized flow at 210 psi on 1/2" choke = 1400 mcf/gpd.

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

SIGNED Albert R. Hall TITLE Engineer DATE Oct. 28, 1980

(This space for Federal or State office use)

APPROVED BY R. Chester TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OCT 31 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

See Instructions on Reverse Side