Form 9-331 Dec. 1973

## H. M. CO. CONS. COMMISSION P. O. EO: 1000 Hobbs, New Mexico 88240

UNITED STATES

## DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form Approved.							
Budget	Bureau	No.	42-R1424				

5. LEASE
NM-0558018
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Union SI Federal
9. WELL NO. 7
10. FIELD OR WILDCAT NAME Und. Tomahawk SA
11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA Unit F, Sec. 1-T8S-R31E
12. COUNTY OR PARISH 13. STATE Chaves NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD

00.1	~		 	 ····		***		
(Do not use reservoir, U				epen or	plug back	toad	differen	t
1. oil	_	gas						

SUNDRY NOTICES AND REPORTS ON WELLS

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

2. NAME OF OPERATOR

well

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weil

207 South 4th St., Artesia, NM 88210

other

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1650 FNL & 2310 FWL AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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OCT 191982

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state Described in the detaile, 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 4250'. Ran 92 jts of 4-1/2" 10.5# casing set 4205'. 1-regular guide shoe at 4205'. Float collar at 4161'. Cemented w/250 sacks 50/50 Poz, 6# salt/sack, .5% D-31 & .2% D-19. Compressive strength of cement - 1050 psi in 12 hrs. PD 10:10 AM 6-28-82. Bumped plug to 1000 psi, released pressure & float held okay. WOC. WIH and perforated 4139-50' w/10 .50" holes as follows: 4139, 40, 41, 42, 43, 44½, 46, 47, 49, 50'. RIH w/tbg, pkr & RBP, straddle perfs & treat w/1500 gal 20% NEFE plus 12 balls. Move RBP to 4125', spot acid & pull tbg & pkr. Perforate Lower P2 zone w/10 .50" holes as follows: 4107, 08, 09, 10, 11½, 12½, 14, 15, 16, 17'. RIH w/tbg & pkr, treat perfs w/2000 gals 20% NEFE plus 12 balls. Move RBP to 4070', spot acid & POOH w/tbg & pkr. Perforate Upper P2 w/12 .50" holes as follows: 4032, 33½, 35, 36, 38, 39, 40, 41, 44, 45½, 47, 48½'. RIH & straddle perfs, treat w/2500 gals 20% NEFE plus 20 balls. Move RBP to 4010', spot acid & POOH w/tbg & pkr. Perforate P1 zone 3963-95' w/12 .50" holes as follows: 3963, 64, 65, 75, 76½, 78, 87, 88½, 90, 91, 92½, 95'.RIH & straddle perfs, treat w/2500 gals 20% NEFE hacid berefs, treat w/2500 gals 20% NEFE hacid berefs hacid below hacid hacid

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

SIGNED CANTAL DE MATE TITLE Engineering Secty DATE 7-13-82

ACCEPTED FOR RECORD (This space for Federal or State office use)

(ORIG. SGD.) DAVID R. GLASS

OCT 15 1882

U.S. GEOLOGICAL SURVEY.

ROSWELL, NEW MEXICO'See Instructions on Reverse Side

**RECEIVED** 

DOT 26 1982

HOBBS OFFICE

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