Form 9-331 Dec. 1973

1. oil

(other)

well

Form Approved. Budget Bureau No. 42-R1424

UNITED STATES 5. LEASE NM-0557371 DEPARTMENT OF THE INTERIOR 6. IF INDIAN, ALLOTTEE OR TRIBE NAME GEOLOGICAL SURVEY 7. UNIT AGREEMENT NAME Empire Abo Pressure SUNDRY NOTICES AND REPORTS ON WELLS Maintenance Project (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.) 8. FARM OR LEASE NAME Empire Abo Unit "K" gas 9. WELL NO. X well other 18 2. NAME OF OPERATOR ARCO Oil & Gas Company 10. FIELD OR WILDCAT NAME Division of Atlantic Richfield Company Empire Abo 3. ADDRESS OF OPERATOR 11. SEC., T., R., M., OR BLK. AND SURVEY OR P. O. Box 1710, Hobbs, New Mexico 88240 **AREA** 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 1-18S-27E 1980' FSL & 1980' FWL below.) 12. COUNTY OR PARISH 13. STATE AT SURFACE: New Mexico Eddy AT TOP PROD. INTERVAL: AT TOTAL DEPTH: 14. API NO. As above 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, 15. ELEVATIONS (SHOW DF, KDB, AND WD) REPORT, OR OTHER DATA 3613' KB SUBSEQUENT REPORT OF: REQUEST FOR APPROVAL TO: RECEIVED TEST WATER SHUT-OFF RECEIVED FRACTURE TREAT SHOOT OR ACIDIZE AUG 25 results of multiple completion or zone on Form 9-330.5 FP 3 1000 REPAIR WELL PULL OR ALTER CASING 3 1980 U.S. GEULUGICAL SURVEY MULTIPLE COMPLETE CHANGE ZONES Squeeze cmt, perf ARTESIA NEW MEXICO 0.0.0ABANDON* ARTESIA, OFFICE 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.)* Rigged up on 7/31/80, killed well, installed BOP. POH w/ comp assy. RIH w/cmt retr, set retr @ 6123'. Squeeze perfs 6040-80' w/150 sx C1 "C" w/.6% Halad-9 & 100 sx Cl "C" w/2% CaCl.

Drld out cmt retr & cmt. Press tested csg to 1500# for 30 mins, OK. Ran GR-CCL log.

4. Perf'd Abo lower 6140-6156' w/ 2 JSPF.

Run tbg & pkr, set pkr @ 6113'.

Acidized perfs 6140-56' w/ 150 gals 15% LST-NE acid, 1000 gals gel CaCl, wtr, 1000 gals gel LC, 1000 gals 15% LST-NE acid, 22 BLC. Swabbed & flowed back load.

On 24 hr potential test 8/17/80 flwd Abo perfs 6140-56' 144 BO, 1 BW, 58 MCFG on 12-71" SPM, GOR 659:1. Returned to production.

Subsurface Safety Valve: Manu. and Ty	De	Set @ Ft.
18. I hereby certify that the foregoing is	strue and correct TITLE Dist. Drlg. Supt. DATE	8/19/80.
	(This space for Federal or State office use) DATE	TWC
APPROVED BY	TITLE DATE .	AUG 2 7 1980
	•	U.S. GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO

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