**CHANGE ZONES** ABANDON\*

(other)

UNITED STATES	5. LEASE
ARTMENT OF THE INTERIOR	LC-029426(
CEOLOCICAL SLIDVEY	6. IF INDIAN, ALL

DEPARTMENT OF THE INTERIOR	LC-029426(a)  6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
GEOLOGICAL SURVEY		
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME	
(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.)  1. Oil gas gas	8. FARM OR LEASE NAME H. E. West "A"	
1. oil gas well other P&A  2. NAME OF OPERATOR ARCO Oil & Gas Company	9. WELL NO. 12	
Division of Atlantic Richfield Company	10. FIELD OR WILDCAT NAME	
3. ADDRESS OF OPERATOR	Grayburg Jackson (QG SA)	
P. O. Box 1710, Hobbs, New Mexico 88240  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 3-175-31E	
AT SURFACE: 1980' FNL & 660' FEL AT TOP PROD. INTERVAL: as above AT TOTAL DEPTH:	12. COUNTY OR PARISH 13. STATE Eddy N M	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	14. API NO.	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 3977 DF	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	MOTE Report results of multiple completion or zone change on Form 9–330.)	

ROSWEIL, NEW ALEXICO

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.)\*

U.S. GEOLOGICAL SURVEY

Rig up on 4/19/81. POH w/rods. Ran free pt., tbg stuck @ 1730-1740', back off tbg @ 1685'. Screwed into fish @ 1685' w/2-3/8" tbg. Ran free pt & string shot, back off @ 2043'. RIH w/ 2-3/8" tbg, screwed into fish @ 2043', ran free pt, tbg free @ 2130'. POH w/free pt. Ran tbg perf gun, perf'd tbg @ 3513'. Pumped thru perfs @ 3513' w/ 1 BPM @ 2000#, 2½ BPM @ 2500#. Pmpd 50 sx C1 C cmt cont'g 2% CaCl<sub>2</sub>, displ w/ 13½ BFW. Final pump press 3000#. Back off tbg @ 2073\*. Perf'd 4½" csg @ 1916' w/ 3 JS. RIH w/ pkr, set pkr @ 1868' established inj rate 1½ BPM @ 1400#. RIH w/ cmt retr set @ 1744'. Cmt squeezed perfs @ 1916' w/250 sx Cl C cmt contg 2% CaCl<sub>2</sub>, MP 1200#. Remove wellhead. RIH w/1" tbg between 4½"x8-5/8" csg annulus to 892'. Pmpd 200 sx Cl C cmt contg 2% CaCl<sub>2</sub>. Circ 10 sx cmt. POH w/1" tbg. RIH w/2-7/8" tbg to 939', pmpd 20 sx C1 C cmt<sup>2</sup>contg 2% CaCl<sub>2</sub>. PUH to

90', circ cmt to surf. P&A eff 5/01/81. Installed r	egulation dryholmai	rker, clean
& level location. Subsurface Safety Valve: Manu. and Type	Set @	Ft.
18. I hereby certify that the foregoing is true and correct  SIGNED W. W. Schwiff Dist. Drlg. Supt. DATE	5/04/81	Posted 12
APPROVED BY (Orig. Sgd.) PETER W. CHESTER CONDITIONS OF APPROVAL, IF ANY:  067 5-1981	те	/0′
JOANS A CULLAMM DISTURIES A CULLAMM DISTURIES TO BE THE COLOR OF Reverse Side		