Form Approved. Budget Bureau No. 42-R1424

HNITED STATES

5. LEASE
LC -060945
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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DEPARTMENT OF THE INTERIOR	LC -060945
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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 Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME
	8. FARM OR LEASE NAME Carlson "A" Federal
1. oil gas other	
2. NAME OF OPERATOR ARCO Oil & Gas Company	9. WELL NO. 2
Division of Atlantic Richfield Company	
3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME
P. O. Box 1710, Hobbs, New Mexico 88240	Justis Blinebry
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
below.)	23-25S-37E
AT SURFACE: 1980' FSL & 1650' FEL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Lea N M
AT TOTAL DEPTH: As above	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	3087' DF
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	(**************************************
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT SHOOT OR ACIDIZE	
	(NOTE: Report results of multiple completion or zone
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MULTIPLE COMPLETE	
CHANGE ZONES U. S. CE	OLOGICAL SURVEY
(other)	S, NEW ALEXICO
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinen	irectionally drilled, give subsurface locations and
1. Rig up on $6/10/80$, killed well, installed BO	OP, POH w/ comp assy.
2. RIH w/ pkr, set @ 5172'. Acidized perfs 520	03-5386' w/3000 gals of 15% HCL-NE
acid in 2 stages using rock salt as diverter	. In 3 hrs swbd 8 BO, 31 BW. POH
w/pkr.	
3. Set RBP @ 5187', spot 150 gals 10% acetic ac	cid 5156-5050'. Perforated 7" csg
w/ 1 JSPF @ 5105, 11, 19, 33, 36, 44, 52, 57	7, 5163'.
4. RIH w/ pkr, set @ 5051'. In 2 hrs swbd 0 BC	O, 48 BW. POH w/ pkr. Set RBP @ 5082
pkr @ 4873'. Press up casing w/ FW to 600#,	, OK. In 2 hrs swbd 0 BO, 41 BW, gas
not meas. On 8 hr swab test rec 4 BO, 31 BV	V, small show gas.
5. Reset pkr @ 5047', tstd BP @ 5082' w/1500#,	OK. Spot 3 sx sd on BP. Reset pkr (
4730'. Spot 50 sx Cl "C" cmt, 2% CaCl to 40	000'. Squeezed perfs 4968-5020' w/
MP 3250# RO 28 sx cmt. WOC. Drld out cmt.	Press test squeeze job to 1500#
for 30 mins, OK. Circ sd off BP, retr BP.	
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
SIGNED Service Dist. Drlg. S	Supt. DATE 10/15/80
(This space for Federal or State offi	
(This space for Federal or State offi	ce use)
APPROVED BYTITLE	DATE COLOR DECORD

CONDITIONS OF APPROVAL, IF ANY:

"A'CCEPTED FOR RECURD

*See Instructions on Reverse Side

ROSWELL, NEW MEXICO