

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS. COMMISSION

Drawer DD

Artesia, NM 88210

Form Approved.

Budget Bureau No. 42-R1424

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.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR ARCO Oil and Gas Company
Division of Atlantic Richfield Company
3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, New Mexico 88240
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2370' FWL & 1533' FSL
AT TOP PROD. INTERVAL: as above
AT TOTAL DEPTH: as above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

(other) Kick Off, Drill Horizontal Drain Hole (Same Zone)

5. LEASE
NM-0557371
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Empire Abo Pressure Maintenance Project
8. FARM OR LEASE NAME
Empire Abo Unit "K"
9. WELL NO.
182
10. FIELD OR WILDCAT NAME
Empire Abo
11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA
1-18S-27E
12. COUNTY OR PARISH
Eddy
13. STATE
New Mexico
14. API NO.
30-015-21792
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3613' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Propose to cut csg section 6221-6225' and drill horizontal drainhole to a projected 200' northwesterly direction in order to recover additional oil reserves and reduce gas coning in accordance with the provisions of Rule 14b of the special Rules & Regulations for the Empire Abo Pressure Maintenance Project.

1. Rig up, kill well, install BOP & POH w/comp1 assy.
2. Set pkr @ approx. 6245' & cmt squeeze Abo perfs 6260-6280' w/C1 H Neat cmt cont'g 2% CaCl₂. POH w/pkr.
3. Drill out cmt to 6250'. Press test squeeze job to 1000#.
4. Set Mod DW-1 whipstock anchor/pkr w/key locator on WL @ 6229'.
5. Run Gyro survey tool & set whipstock orientation to drill N-70°-W.
6. RIH w/whipstock assy & land in pkr. Set whipstock zenith @ 6221'. Shear lug on whipstock.
7. Displace hole w/EP mud system.

(cont'd on attached Page 2)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

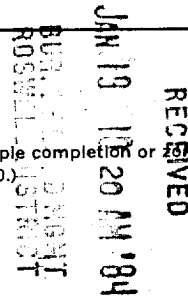
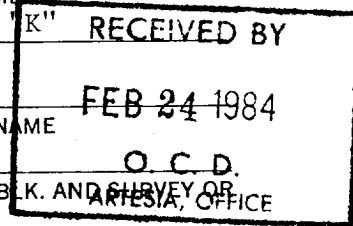
SIGNED Robert E. Balchidge TITLE Drlg. Engr. DATE 1/11/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FEB 21 1984



Form 9-331

Empire Abo Unit "K" #182

January 11, 1984

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8. RIH w/mill & cut window in csg approx 6221-6225'. POH w/mill. RIH w/flexible DC & drill 4-3/4" hole to 6261' MD @ hole angle 2°/ft. POH w/bit. Run Gyro-survey in drainhole.
9. Set pkr above whipstock & displ hole w/ 2% KCL wtr. Spot 500 gals acid (7.5% HCL & 7.5% xylene) in OH. Acidize w/1000 gals of acid. Treat OH w/4000 gals Halliburton Injectrol G. SI 24 hrs. POH w/pkr. DO injectrol G & continue drilling stabilized horizontal hole 200' in a north westerly direction N-70°-W. Run multi-shot survey on all bit trips. POH w/bit.
10. Set production pkr @ approx 6210', swab test, stimulate if necessary and return to production.