

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 TA 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: 660' FNL & 1980' FWL
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:
TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON*
(other) _____

SUBSEQUENT REPORT OF:

 Shut-in

5. LEASE NM-0185-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Dow Federal Com.
9. WELL NO. 1
10. FIELD OR WILDCAT NAME Dean Permo Penn
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 5-16S-37E
12. COUNTY OR PARISH Lea
13. STATE New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 3849' GR

RECEIVED
APR 6 1983
(NOTE: Report results of multiple completion or zone change on Form 9-331-C)
GEOLOGICAL SURVEY
MINERAL SERVICES
HOUSTON, TEXAS 77030

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 to all markers and zones pertinent to this work.)*

RU 1/10/83, installed BOP & POH w/hyd pump, tbg & pkr. CO w/bit & scraper to 11,700'. Ran GR-DC Corr log. Perf'd w/1 JSPF @ 11,620-628', 11,630-638'. RIH w/pkr, spot 100 gals 15% NCA acid 11,638-11,544'. Pump 15 bbls 2% KCL wtr, set pkr @ 11,457'. Acidized perfs 11,544-638' w/2000 gals 15% NCA acid. In 8 hrs swbd 2.5 BO & 49 BLW. Reset pkr @ 11,591', pmpd into perfs 11,620-11,638' w/2% KCL wtr, fm broke w/1600#. Acidized w/2000 gals 15% NEA acid. In 10 hrs swbd 9 BLW. POH w/pkr. Set cmt retr @ 11,475'. Squeezed perfs 11,544-11,638' w/250 sx Cl H cmt. Dumped 40' cmt on top of retr. Press test csg to 1000# for 30 mins OK. Perf'd @ 10,430-40', 10,668-75' & 10,680-725'. RIH w/pkr, set @ 10,288' & acidized w/6000 gals 15% NE acid. Swbd 3 hrs, rec 0 BO, 2 1/2 BLW, swbd dry. On 1/30/83 swbd perfs 10,430-10,725', rec 2 BNO & 5 BLW. POH w/pkr. Perf'd @ 9920-40', 9958-63', 10,110-115', 10,125-130', 10,255-260' w/1 JSPF. RIH w/RBP, set BP @ 10,320'. Spot 350 gals 15% NEA acid, set pkr @ 9825', acidized perfs 9920-10,260' (cont'd on back of page)

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

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

SIGNED Robert E. Ballidge TITLE Drlg. Engr. DATE 4/4/83

ACCEPTED FOR RECORD (This space for Federal or State office use)
APPROVED BY PETER W. CHESTER TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:
APR 11 1983

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

w/3500 gals 15% NEA. POH w/pkr. RIH w/pkr, set @ 9825' & swbd 4 hrs, rec 0 BO & 1 BLW. Reset BP @ 9900' & loc hole in 5½" csg 9300-9330'. POH w/pkr & RBP. RIH w/2-7/8" OD tbg OE to 11,332'. Installed wellhead on 2/9/83. SI pending approval to P&A. WO unsuccessful. Prior prod 3 B O, 26 MCFPD. Final Report.

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APR 13 1983
O.C.A.
HOBBS CT