

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Budget approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME ---
2. NAME OF OPERATOR ARCO Oil and Gas Company, Division of Atlantic Richfield Company	8. FARM OR LEASE NAME ---
3. ADDRESS OF OPERATOR P.O. Box 5540, Denver, Colorado 80217	9. WELL NO. Crow Mesa #2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1660' FNL & 1770' FEL	10. FIELD AND POOL, OR WILDCAT Wildcat <i>Salcedo Basin</i>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 19-25N-7W	12. COUNTY OR PARISH Rio Arriba
13. STATE New Mexico	
14. PERMIT NO. 30-039-23347	15. ELEVATIONS (Show whether OF, AT, OR, etc.) 6500' GL

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

MI & RU CU 1-7-84. Tag cement @ 6805' KB. Drilled out. Circulate hole clean. Circulate hole with 1% KCL water with 1 gal/1000 gal demulsifier. Ran CBL. Spotted 300 gal 15% acid with additives from 6836'-6477'. Perf'd Dakota "D" with 22 .4" holes from 6803'-14'. Set pkr @ 6779'. Swabbed. Released packer. Set CIPB @ 6755'. Dump 1 sx cement on top. Spotted 500 gal 15% acid with additives from 6725'-6212'. Perf'd Dakota "C" with 2 jets/ft from 6689'-95', 6698'-6700', 6703'-06, and 6710'-18'-38 holes. Set packer @ 6652'. Swabbed. Released packer. Frac'd Dakota "C" 6689'-6718' with 53,800 gal 1% KCL water with 2#/1000 gal friction reducer, 1 gal/1000 gal non-emulsifier, 30#/1000 gal fluid loss additive and 45,000# 20/40 mesh sand. Swabbed and flowed well. Set CIPB @ 6570'. Perf'd Dakota "A" 6522'-30' with 16 .4" holes. Set packer @ 6434'. Spotted 300 gals 15% HCL with additives. Swabbed. Frac'd Dakota "A" 6522'-6530' with 27,800 gal slick 1% KCL water with 2#/1000 gal friction reducer and 30#/1000 gal fluid loss additive and 19,300# 20/40 mesh sand. Swabbed and flowed. Drilled out BP @ 6570'. Set BP @ 6000'. Dump 5 gals sand on top. Perf'd Lower Gallup with .4" hole @ 5798'-5958' with 41 holes. Acidized with 2500 gal 15% HCL with additives and 80 ball sealers. Frac'd Lower Gallup 5798'-5958' using 143,556 gal 75 quality foam with 2% KCL water base, 4 gal/1000 foamer, 20#/1000 gel, 1 gal/1000 surfactant, 1/4#/1000 breaker and 140,437# 20/40 mesh sand and 3,127,700 SCF N<sub>2</sub>. Flowed. Set BP @ 5780'. Perf'd Upper Gallup with .4" holes @ 5616'-5736' - 33 holes. Acidized with 2000 gals 15% HCL

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

SIGNED W.A. Walther, Jr. TITLE Operations Manager DATE 3-21-84  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side.

DIST. 3

CROW MESA #2  
SW NE Section 19-25N-7W  
Rio Arriba County, New Mexico

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with additives and 60 ball sealers. Frac'd Upper Gallup 5616'-5736' with 115,614 gals 75 quality foam 2% KCL water base, 4 gal/1000 foamer, 20#/1000 gel, 1 gal/1000 surfactant, 1/4#/1000 breaker and 133,500# 20/40 mesh sand and 2,671,324 SCF N<sub>2</sub>. Flowed. Clean out and retrieve BP @ 5780'. Swabbed and flowed. Landed 2-3/8" tubing @ 5804'. Released CU 2-8-84. SI for BHP buildup. Opened well on 2-13-84. Production testing.

RECEIVED  
FEB 14 1984  
FEB 14 1984  
FEB 14 1984