

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYN. M. O. C. C. COPY  
SUBMIT IN TR  
(Other instructi  
verse side)CATE  
on re-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 "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 0501759	
2. NAME OF OPERATOR Atlantic Richfield Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  1980' FSL & 1980' FWL (Unit letter K)		8. FARM OR LEASE NAME Kurland Federal	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3152.2' GR		10. FIELD AND POOL, OR WILDCAT Undesignated Morrow Gas	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 6-21S-27E	
		12. COUNTY OR PARISH Eddy	
		13. STATE N.M.	

## 16. 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 COMPLETE <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) Log, run prod csg & cmt	X

(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.) \*

Finished drlg 7-7/8" hole to 11,380' TD @ 6:00 AM 10/12/75. Ran Dual Laterolog, Formation Density Compensated & Compensated Neutron log. Ran 306 jts (11,358') 17# & 15.5# N-80 & K-55 LT&C csg w/FS & FC. Set csg @ 11,378' w/FC @ 11,333'. 5 1/2" OD csg was run bottom to top as follows: 1.58' float shoe, 42.05' 5 1/2" 17# N-80, 1.52' float collar, 4167.92' 5 1/2" 17# N-80, 2083' 5 1/2" 17# K-55, 2816.02' 5 1/2" 15.5# K-55, 1307.30' 5 1/2" 17# K-55, 927.63' 5 1/2" 17# N-80. Cmdt csg w/1000 sx C1 H w/.5% Halad 22, .3% CFR-2 & 5# KCL/sk. Bumped plug w/ 2300# @ 3:30 PM 10/14/75. Set csg slips & cut off. WOC 8 hrs. Temperature survey indicated TOC @ 6760'. WIH w/4-3/4" bit & 5 1/2" csg scraper on 2-7/8" tbg to 11,309' PBD. Circ hole w/10# brine w/4% KCL & spotted 150 gals 10% acetic acid 11,057-210'. POH w/bit & ran GR Corr log 9600-11,309'. WIH w/1 jt 2-7/8" tailpipe, 5 1/2" Otis PL pkr & on-off tool w/ 2.255 profile on 2-7/8" EUE N-80 tbg. Set pkr @ 10,817', btm TP @ 10,854'. Otis X nipple w/2.313" ID @ 8016'. Displaced tbg w/N2, bled N2 press to 500#. Perf'd Morrow w/thru-tbg gun w/1 - .32" dia JS ea @ 11,163, 73, 75, 80, 83, 85, 93, 95, 11,201 & 11,203' = 10 holes. 15 hr SITP 300#. Trtd perfs (Morrow) 11,163-203' w/2000 gals 7 1/2% MS acid cont'g 1000 SCF N2/bbl. MP 7900#, Min 6500#, ISIP 3700#, 15 min SIP 2300#. Flwd 1 hr & died. Swbd to 5000', well commenced flwg & flwd overnight. On 10/24/75 flwd gas @ rate of 2.8 MMCFPD on 14/64" ck, FTP 2050#. SWI for 96 hr buildup prior to 4 point test. On 4 point potential test 10/28/75 flwd on variable ck AOF 3.869 MMCF from Morrow perfs 11,163-11,203'. Completed 10/28/75 as a single Morrow Gas well. Shut-in WOPLC.

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

SIGNED

TITLE Dist. Drlg. Supv.

DATE 11/4/75

(This space for Federal or State office use)

APPROVED BY

TITLE DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL NAME AND NUMBER K land Federal #1

LOCATION 1980' FSL & 1980' FWL, Sec. 6, T-21-S, R-27-E, Eddy County, New Mexico  
(New Mexico give U, S, T & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR Atlantic Richfield Company

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/2° 180</u>	<u>3 1/2° 2088</u>	<u>2 3/4° 5545</u>	<u>2 3/4° 8488</u>
<u>1° 500</u>	<u>3 1/2° 2141</u>	<u>2 1/2° 5712</u>	<u>2 3/4° 8688</u>
<u>1/2° 710</u>	<u>3 1/2° 2195</u>	<u>1 1/2° 5900</u>	<u>1 3/4° 8770</u>
<u>1/2° 980</u>	<u>3° 2269</u>	<u>1 1/2° 6420</u>	<u>1 3/4° 9269</u>
<u>3/4° 1232</u>	<u>2 3/4° 2320</u>	<u>1 1/2° 6664</u>	<u>2° 9770</u>
<u>4 1/2° 1450</u>	<u>2 1/2° 2500</u>	<u>1 1/2° 7155</u>	<u>3/4° 9930</u>
<u>4 1/2° 1505</u>	<u>2 1/2° 2510</u>	<u>1° 7530</u>	<u>3/4° 9935</u>
<u>3 3/4° 1545</u>	<u>1 3/4° 2784</u>	<u>3 1/2° 7770</u>	<u>1 1/2° 11280</u>
<u>4° 1681</u>	<u>1 1/2° 3420</u>	<u>3 3/4° 7850</u>	
<u>4 3/4° 1734</u>	<u>3/4° 3760</u>	<u>3 1/2° 7929</u>	
<u>4° 1825</u>	<u>2° 4268</u>	<u>3° 7980</u>	
<u>4° 1890</u>	<u>1° 4415</u>	<u>2 1/2° 8100</u>	
<u>3 3/4° 1950</u>	<u>1° 4709</u>	<u>2 3/4° 8269</u>	
<u>3 3/4° 2025</u>	<u>1 1/2° 5015</u>	<u>3/4° 8330</u>	

RECEIVED

NOV 12 1975

O. R. O.

Drilling Contractor McVay Drilling Company

By                     

Subscribed and sworn to before me this 4th day of October, 1975

My Commission Expires: 7-15-78

                      
Notary Public

County,