

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	1

RECEIVED

MAY 4 1979

9. Indicate Type of Lease  
State  Free

5. State Oil & Gas Lease No.  
648

7. Unit Agreement No.

8. Farm or Lease Name  
State CB Con.

5. Well No.  
1

10. Field and Pool, or Without  
Winchester  
~~Undesignated Morrow Gas~~

12. County  
Eddy

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REEVALUATE PLUG BACK TO A DIFFERENT DEPTH OR TO  
USE HYPERTHERMAL FOR PERMIT - USE FORM C-101 FOR SUCH PROPOSALS.)

D. C. C.

ARTESIA, OFFICE

1. Name of Operator  
ARCO Oil and Gas Company  
Division of Atlantic Richfield Company

3. Address of Operator  
Box 1710, Hobbs, New Mexico 88240

4. Location of Well  
UNIT LETTER 0 660 FEET FROM THE South LINE AND 1980 FEET FROM  
THE East LINE, SECTION 29 TOWNSHIP 19S RANGE 28E NMPM.

15. Elevation (show whether DF, RT, GR, etc.)  
3382.05' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER Squeeze cmt perms & treat Upper Morrow, same zone	<input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

RU 3/19/79, killed well, inst BOP & POH w/tbg. RIH w/cmt retr, set @ 10,950'. Squeezed perms 11,025-11,029' w/50 sx LML cmt followed by 25 sx C1 H cmt w/.5% CFR-2, 3# salt/sk, MP 4000#.

RO 50 sx cmt to pit, WOC. Press tested squeeze job to 1000# 30 mins OK. RIH w/Vann tbg conveyed perforating system on 2-3/8" OD tbg & pkr. Set pkr @ 10,724'. Dropped bar & fired csg gun.

Perf'd upper Morrow 10772, 773, 774, 10814, 816, 821, 823' w/1 JSPF (10 1/2" holes). Slight blow. 2 hr SI 0#. Attempted to frac treat perms 10772-10823', could not frac, no perforations. Gun malfunctioned. POH w/tbg, pkr, Vann perforating assy. RIH w/Vann perf gun on 2-3/8" OD tbg & pkr, set pkr @ 10,700'. Perf'd Upper Morrow gas 10772, 773, 774, 814, 816, 821, 823, 825, 827, 10832' w/1 JS ea (10 .25" holes). SITP 45 mins 50#. Acidized perms 10772-10832' w/3000 gals 7-1/2% MSA & friction reducer, clay stabilizer, corr inhibitor followed by 1134 gals 2% KCL, 104,000 SCF N<sub>2</sub>. Opened tbg on 1/2" ck, TP 4000# in 5 hrs, FTP 25#. Treated perms 10772-10,832' w/20,000 gals 7-1/2% MS acid cont'g inhib, foamer, gel, friction red, 27,500# 20/40 sd in 1/2", 1 & 1-1/2#/gal, 8000 gal CO<sub>2</sub>, flushed w/43.4 bbls KCL wtr. OTP 2400#, 1/2" ck, flwd wtr to unload. Well dead after flwg back partial load. 9 hr SITP 300#. Swbd & flwd back load, gas TSTM after ea swab run. 15 hr SITP 2500#. Flwd on 2" ck 1-1/2 hrs 2500-300# FTP, rec 2 BLW, tr dist. POH w/perf assy & tbg. SI. Prep to recomplete.

I, I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 5/2/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY - 4 1979

CONDITIONS OF APPROVAL, IF ANY: