

DEVIATION TESTS

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SEP 21 1983

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
100'	1/2°	3160'	3/4°	5188'	2°
150'	3/4°	3190'	3/4°	5250'	2°
220'	1°	3300'	1°	5279'	2°
352'	1°	3344'	1°	5310'	2°
496'	1/4°	3459'	1°	5340'	2°
798'	1°	3533'	1°	5402'	1-3/4°
1106'	1°	3640'	3/4°	5431'	2°
1256'	1-1/4°	3800'	MR	5461'	1-1/2°
1446'	3/4°	3825'	3/4°	5492'	1-3/4°
1632'	3/4°	3983'	1/2°	5522'	1-1/2°
1810'	3/4°	4135'	3/4°	5582'	1-3/4°
1993'	1°	4181'	1°	5642'	1-3/4°
2211'	1-1/2°	4385'	3/4°	5702'	1-1/4°
2242'	1-1/2°	4690'	1°	5763'	1-1/4°
2305'	1-1/4°	5004'	2-1/2°	5824'	1-1/4°
2395'	1-1/4°	5030'	2-1/2°	5886'	1-1/4°
2520'	1°	5074'	3°	5946'	1-1/4°
2700'	1°	5095'	2-3/4"	6005'	1-1/2°
2824'	3/4°	5128'	2-3/4°	6035'	1-3/4°
2977'	MR	5158'	2-3/4°	6150'	2°
3007'	1/2°				

AFFIDAVIT

This is to certify that to the best of my knowledge the above tabulation details the deviation tests taken on ARCO Oil and Gas Company, Division of Atlantic Richfield Company's ARCO State Well Number 101, Undesignated Gallup Field, 512' FNL and 2080' FEL, Section 16-29N-10W, San Juan County, New Mexico.

Sept 6, 1983

Date

K.L. Flinn

K.L. Flinn

Operations Information Assistant

State of Colorado)
) ss
 County of Denver)

Before me, the undersigned authority, on this day personally appeared, K.L. Flinn, known to me to be the Operations Information Assistant for ARCO Oil and Gas Company, Division of Atlantic Richfield Company, and to be the person whose name is subscribed to the above statement, who, being duly sworn on oath, states that she has knowledge of the facts stated herein, and that said statement is true and correct.

Subscribed and sworn to before me, a Notary Public in and for said County and State this 6th day of September, 1983.

Susan J. Hutton

My commission expires: **My Commission Expires June 15, 1985**

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

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OPERATOR		

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
E-6515

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL GAS WELL OTHER- _____

Name of Operator
ARCO Oil and Gas Company, Division of Atlantic Richfield Company

Address of Operator
P.O. Box 5540, Denver, Colorado 80217

Location of Well
UNIT LETTER B 512 FEET FROM THE North LINE AND 2080 FEET FROM
THE East LINE, SECTION 16 TOWNSHIP 29N RANGE 10W NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
ARCO State

9. Well No.
101

10. Field and Pool, or Wildcat
Undesignated Gallup

15. Elevation (Show whether DF, RT, GR, etc.)
5658' GL

12. County
San Juan

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

REPAIR OR ALTER CASING

OTHER _____

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER N.O. SETTING PRODUCTION CASING

ALTERING CASING

PLUG AND ABANDONMENT

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.

Drilled to TD 6150'. Logged. RU and ran 141 jts (6176') 4-1/2", 11.6#, N-80, LTC casing with FS @ 6150', FS @ 6076; and DV @ 3372'. Pumped 25 bbls mud flush and cemented 1st stage with 280 sx (800.8 cu.ft.) 65/35 Class "B" poz with 12% gel, 12.5#/sx gilsonite, 1/4#/sx flocele, 1/2% CFR-2 (yield 2.86 cu.ft./sx.) followed by 255 sx (298.35 cu.ft.) Class "B" neat with 3/4% CFR-2 and 1/4#/sx flocele (yield 1.17 cu.ft./sx.). Bumped plug with 1500 psi, released pressure, float held OK. Dropped bomb and opened DV tool. Circl between stages. Pump 25 bbls mud flush and cemented 2nd stage as follows: 400 sx (904 cu.ft.) lite cement with 9% gel & 12-1/4#/sx gilsonite and 1/2% CFR-2 + 3% CaCl₂ (yield 2.26 cu.ft./sx.) followed by 650 sx (786.50 cu.ft.) pozmix with 2% gel and 1/4% CFR-2 (yield 1.21 cu.ft./sx.). Bump plug with 3000 psi. Circl approx 5 bbls cement to surface. Close DV tool and released pressure - float held. Cut off casing.

Released rig 1200 hrs 7-6-83.

Waiting on completion.

RECEIVED
JUL 10 1983

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

OIL CON. DIV
DIST. 3

SIGNED W.A. Walther, Jr. TITLE Operations Manager DATE 7-11-83

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 3

DATE