

FIELD Empire Abo COUNTY Eddy OCC NUMBER _____
OPERATOR ARCO Oil & Gas Co.-Div. of ADDRESS P. O. Box 1710, Hobbs, New Mexico 88240
LEASE Empire Abo Unit E WELL NO. 362
SURVEY 1200' FNL & 1200' FEL, 34-17S-28E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
490	1/2
750	3/4
1150	3/4
1506	1/4
2137	3/4
2610	1
3142	1
3298	3/4
3772	1
4274	1 1/4
4777	1 1/4
5176	1 1/2
5405	1 1/2
5750	1
5907	1 1/4
6350	1 1/4

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O. C. C.
ARTESIA, OFFICE

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: Walter Frederickson

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

22nd day of March, 1979.

Margaret B. Anderson Notary Public in and for Midland County, Texas.
Margaret B. Anderson

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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5a. Indicate Type of Lease State ☒ For ☐
5. State Oil & Gas Lease No. E-7832
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "E"
9. Well No. 362
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT DEPTH OR TO USE A DIFFERENT WELL. USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)

D. C. C.
ARTERIA, OFFICE

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator ARC Oil and Gas Company Division of Atlantic Richfield Company
3. Address of Operator Box 1710, Hobbs, N.M. 88240
4. Location of Well UNIT LETTER <u>A</u> <u>1200</u> FEET FROM THE <u>North</u> LINE AND <u>1200</u> FEET FROM THE <u>East</u> LINE, SECTION <u>34</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.

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

3675.9' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒ Prod Csg	OTHER ☒ Log, Perf, Acidize & Complete

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.

Fin drlg 7-7/8" hole to 6350' @ 6:00 AM 3/13/79. Ran GR-DLL w/RX0, GR-CN Comp Density & Neutron logs. RIH w/5-1/2" OD 15.5# J-55 csg, set @ 6343'. FC set @ 6303', DV tool @ 3818'. Cmdt 1st stage w/25 BFW, 10 bbl Chem Wash, 10 BFW, 350 sx BJ Lite cont'g 1/4# celloflake, 5# Gilsonite, 5# salt followed by 350 sx 50/50 LP, 2% Gel, 3# salt/sk. BP @ 1:00 PM 3/15/79. Circ 200 sx cmt to pit. Cmdt 2nd stage w/1450 sx Thik-set cmt, 2% CaCl & 1/4# celloflake/sk. BP @ 7:00 PM 3/15/79. Circ 200 sx cmt to pit. WOC 72 hrs. RIH w/bit, drld DV tool @ 3800'. CO hole to 6303'. Ran CBL-GR. Pressure tested csg to 1000# 30 mins OK. Perf'd Abo 6230-6240' w/2 JSPF. RIH w/Mod R pkr on 2-3/8" OD tbg, set pkr @ 6149'. Swbd 1 hr, kicked off flwg. Flwd 21 BO & 15 BW in 1 hr, FTP 40-75#. Acidized perfs 6230-40' w/150 gals 15% HCL-LSTNE-FE acid, 1000 gal gel CaCl wtr, 1000 gal gel LC, 1500 gal 15% HCL-LSTNE-FE, flushed w/24 BLC. On 21 hr test flwd 30 BO, 0 BW & 78 MCFG on 48/64" ck, FTP 90#, GOR 2600:1. On 24 hr potential test 4/5/79 flwd 419 BO, 0 BW & 191 MCFG, 100# FTP on 48/64" ck, GOR 456:1. Final Report.

18. 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 4/24/79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE APR 27 1979

CONDITIONS OF APPROVAL, IF ANY: