

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-73

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY  
MAY 15 1986  
O.C.D.  
ARTESIA

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
647

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DEVELOP, REEVALUATE OR RE-LEASE BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMITS (FORM C-104) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- WIW	7. Unit Agreement Name
2. Name of Operator Arch Petroleum Inc.	8. Farm or Lease Name Resler-Yates 54
3. Address of Operator 777 Taylor, Suite IIA, Fort Worth, TX 76102	9. Well No. 39
4. Location of Well UNIT LETTER 0 1970 E 660 FEET FROM THE LINE AND FEET FROM S 21 18s 28e TOWNSHIP RANGE NMPM.	10. Field and Pool, or Wildcat Artesia-Qn, Gb. SA
15. Elevation (Show whether DF, RT, GR, etc.) 3576 DF	12. County Eddy

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <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.

- 5-7-86 MIRU, GIH 3 3/4" bit, CO 4 1/2" to 1815 (CIBP).  
Pump 25 sx on CIBP. Perf 1600' and 310', 4spf.  
Set packer at 1405', Pressure up to 500#,  
would't break down, spot 25 sx at 1600'.
- 5-8-86 Tag plug at 1180, set packer at 180. Pump 25sx  
in and out. Wait 2 hours. Tag cement at 160'.  
Tried unsuccessfully to circulate well, pump 2 sx. Lost  
circulation material. Pump 25 sx cmt, 3% CaCl. Wait  
2 hrs. Did not tag cement. Pump 2 bbls cement & 100#  
CaCl. Wait 1 hour, pump 25 sx, vacuum.
- 5-9-86 Fill hole with ready mix.  
Set surface marker. Fill pits and level location.

Post FD-2  
5-23-86  
P+H

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

Signed Scott Noler TITLE Geologist DATE 5-12-86

APPROVED BY Danell Moore TITLE Geologist DATE 5/24/86

CONDITIONS OF APPROVAL, IF ANY: