

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-103  
Revised 10-1-78

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SANTA FE	1
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U.S.O.S.	
LAND OFFICE	
OPERATOR	1

JUN 30 1982

O. C. D.

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-4456	

ARTESIA, OFFICE

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 1710, Hobbs, New Mexico 88240

Location of Well

UNIT LETTER 0 660 FEET FROM THE South LINE AND 1980 FEET FROM  
THE East LINE, SECTION 35 TOWNSHIP 17S RANGE 28E NMPM.

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

3657.8' GR

7. Unit Agreement Name

8. Farm or Lease Name

State BX

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated  
South Empire Morrow Gas

12. County

Eddy

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

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐  
OTHER ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐  
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOBS ☒ Prod Csg  
OTHER Log, DST, Perf ☐  
ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Finished drlg 7-7/8" hole to 10,861' TD @ 6:15 AM 3/20/82. Ran GR-DLL, CNL-FDC logs. DST #1 10,514-10,861' Morrow Gas. Opened tool @ 11:45 AM 3/21/82 for 30 min Initial Flow w/fair blow, incr in 10 mins to strong blow w/GTS in 2 mins. Press to 140# on 3/8" ck in 30 mins. Closed tool @ 12:10 PM for 1 hr ISI. OT @ 1:10 PM for 2 hr FFP. Stabilized on 1/2" ck @ 175# rate of 1 MMCFD. Closed tool @ 3:10 PM for 2 hr FSI. Rel pkrs & SOH @ 5:10 PM. Rec approx 10 bbls drlg mud. Top chart malfunctioned. Btm chart IH 5360#, IF 390.5#, FFP 607#, FISI 3627#, IFF 715.9#, FSI 3692#, FH 5360#, Sampler press 500#, no fluid, 3.847 cu ft gas. RIH w/1350.15' 5 1/2" OD 17# L-80, 8125.81' 17# K-55, 1392.83' 17# L-80, set @ 10,861'. FC set @ 10,796'. Cmdt 5 1/2" w/650 sx HLC cont'g 6.5/sk salt, 1/4/sk flocele, .5% CFR-2 followed by 300 sx C1 H cmt cont'g .6% Halad 22-A, .4% CFR-2 & 5#/sk KCL. BP w/500# w/good circ thru out job. CIP @ 6:00 PM 3/23/82. Ran temp survey 0-10,796'. Survey indicated top of HLC @ 4900' & C1 H cmt @ 9320'. On 5/20/82 dumped 4 yds pea gravel between 13-3/8" csg & cond pipe. Ran GR-CCL. Press test csg to 1000# for 30 mins, OK. Perf'd 5 1/2" OD csg w/2 JSPF @ 10,590-10,594', 10,704-10,706', 10,714-10,722'. Set Mod D pkr @ 10,530' on 2-3/8" tbg. Acidized perfs w/2000 gals 7 1/2% Morrow HCL acid w/1000 SCF N2/bbl. Flwd 5 hrs ARO 360 MCFGPD on 3/4" ck, FTP 160#. Frac'd Morrow perfs w/15,000 gals gelled 3% HCL acid & 1000 SCF/bbl CO2 w/13,500# sd. Flwd back & cleaned up. In 1 hr flwd 975 MCFG, 4 BF on 16/64" ck, FTP 650#. On 4-pt test 6/16/82 CAOF = 1,463 MCFGD @ 15.025#PB, SITP 2625#. Produced 5 BW, no dist. Completed as a single Morrow Gas well. SIWOPLC. Final Report.

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

SIGNED Elizabeth A. Bush

TITLE Drlg. Engr.

DATE 6/23/82

APPROVED BY W. A. Gressett  
CONDITIONS OF APPROVAL, IF ANY:

TITLE SUPERVISOR, DISTRICT II

DATE JUL 6 1982