

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

Submit 3 Copies
to Appropriate
District Office

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2008

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-20014

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

South Justis Unit "F"

8. Well No.
230

9. Pool Name or Wildcat
Justis Blbry-Tubb-Dkrd

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ other

2. Name of Operator
ARCO OIL and GAS COMPANY

3. Address of Operator
P.O. Box 1610, Midland, Texas 79702

4. Well Location
Unit Letter C : 990 Feet From The North Line and 1650 Feet from The West Line
Section 25 Township 25S Range 37E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3064 GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐

(Other) Deepen & convert to water injection ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

(Other) ☐

12. Describe Proposed or completed Operation (Clearly state all pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Propose to deepen 550' and convert to water injection as follows:

1. POH w/CA.
2. DO CIBP & CO to 5500.
3. Deepen to 6050.
4. Add perforations to cased hole.
5. Treat perfs and OH.
6. RIH w/water injection CA.

R-9747 inject

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

SIGNATURE Ken W. Gosnell TITLE Agent DATE 11-19-93

TYPE OR PRINT NAME Ken W. Gosnell TELEPHONE 915 688-5672

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE NOV 24 1993
CONDITIONS FOR APPROVAL, IF ANY:

WORKOVER PROCEDURE

DATE: 11/02/93

ORIG FC: 6433006-33

UNIT FC: 6462880-00

WELL & JOB: South Justis Unit F #230

DRILLED: 1963

LAST WORKOVER: 1987 (Acidize Blinbry Interval)

FIELD: South Justis

COUNTY: Lea

BY: C.E. Humes

TD: 5500'

PBD: 5455'

DATUM: 10 RKB

TUBINGHEAD:

SIZE:

PRESS RATING:

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	7-5/8"	17.74#	SWSJ	854'	400	surf (circ)
PROD:	4-1/2"	9.5#	J-55	5499'	900	2005' (TS)

PERFORATIONS: F/5356' - 5432' (8 shots)
F/4964' - 5343' (39holes)

TUBING: SIZE: 2-3/8"

WEIGHT:

GRADE:

THREAD:

BTM'D @ 5438'

JOINTS: 174

MISC: SN on bot @ 5438'

PACKER AND MISC: 4-1/2"x2-3/8" Baker TAC @4933'

SCOPE OF WORK: Test csg, deepen well 550', log, perforate, acidize, and complete as a WTW.

PROCEDURE

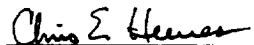
1. MIRU PU. Hot wtr CA and TOOHL.
2. PU and TIH w/ pkr on WS to 4900' and test csg to 500 psi.
 - 4-1/2" csg appeared to hold 500# during an acid job in June of 1987.
3. TOOHL. RD PU and MO Location.
4. MIRU Dowell Schlumberger coiled tubing unit.
5. PU and TIH w/ 3-7/8" concave mill, 2-7/8" motor, 2-7/8" DC's, hydraulic disconnect, and 2" coiled tbg to 4900'. Establish circ w/ FW (add fluid properties as needed to clean hole).
6. FIH and DO CIBP @ 5455' (CIBP was run and knocked to bot in 1985), FC @ 5465', and guide shoe @ 5498'. Circ hole clean and POOH.
7. TIH w/ 3-7/8" Hughes ATJ-33 bit, 2-7/8" motor, 2-7/8" DC's, hydraulic disconnect, and 2" coiled tbg. Deepen well F/ 5500' to 6050'.
8. RU Schlumberger. Log CNL/GR/CCL F/TD to 4,500'. Perf existing 4-1/2" csg w/ 2 jspf as follows:
 - 5464', 5467', 5474', & 5482' (8 holes)


Correlated w/ Schlumberger Sonic Log dated 4-23-63. RD Schlumberger.

9. TIH w/ 4-1/2" pkr, hydraulic disconnect, and 2" coiled tbg. Set pkr @ 5450'. Acidize new perfs and OH F/ 5464' to TD w/ 10,000 gals of 15% NEFE HCl w/ additives dropping 3,000 RS in 5 stages at 10 BPM.

Additives

- 1 gpt Corrosion Inhibitor
 - 2 gpt Surfactant
 - 2 gpt Gelling Agent/ Friction Reducer
 - 5 gpt H₂S Scavenger
 - 75 lbs NTA Acid, Iron Control
10. RD Dowell Schlumber coiled tubing unit.
11. MI RU PU. PU and TIH w/ Guiberson Uni VI inj pkr (w/ pump out plug in place), on/off tool, and 2-3/8" IPC inj tbg. Set pkr @ 4900'. Circ pkr fluid. NU WH.
12. Perform csg integrity test w/ chart recorder. RD PU and TOTPS as Blinbry/Tubb/Drinkard WTW.


C.E. Humes
Drilling Engineer

 1/4/93
J.E. Shields
Team Leader

South Justis Unit F #250

Drilled in 1963

