

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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

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

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-09137
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

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.)

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Lease Name or Unit Agreement Name Seven Rivers Queen Unit
2. Name of Operator ARCO OIL AND GAS COMPANY	8. Well No. 38
3. Address of Operator P. O. Box 1610, Midland, Texas 79702	9. Pool name or Wildcat Eunice 7 Rivers Queen So.

4. Well Location Unit Letter P : 660 Feet From The South Line and 990 Feet From The East Line Section 34 Township 22S Range 36E NMPM Lea County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3494.2 GR
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11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: Convert to water injection ☒	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: ☐

12. 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.

Propose to convert to water injection as follows:

1. POH w/CA
2. Cmt sqz portion of existing perfs (3606-3650)
3. CO to TD 3785. Deepen well 25' to 3810
4. Acidize perfs 3660-3712 & OH 3715-3810 w/6000 gals.
5. Run inject equip: 2 3/8 1PC tbg & pkr to + 3400
6. Press test annulus to 500#

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

SIGNATURE Ken W. Gosnell TITLE Engr. Tech. DATE 11-28-89
TYPE OR PRINT NAME Ken W. Gosnell 915/688-5672 TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
APPROVED BY DISTRICT I SUPERVISOR TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

202X-589

DEC 01 1989

DATE: 8/9/89

WORKOVER PROCEDURE

WELL & JOB: Seven Rivers Queen Unit #38 Convert to WTW DRILLED: 1957

LAST WORKOVER: 6/89 Changed out 6 jts tbg FIELD: Eunice SRO South COUNTY: Lea, NM

BY: Ellis TD: 3785' PBD: 3785' DATUM: 11' RKB

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TDC
SURFACE:	8-5/8"	24	unk	310'	200	Circ
PROD:	5-1/2"	14	unk	3715'	350	1965' Calc

PER. ACTIONS: 3517-3578 Sqzd
3606-3650' & 3660-3712' Open
Open Hole 3715-3785'

TUBING: SIZE: 2-3/8" WEIGHT: 4.7# GRADE: J-55 THREAD: EUE 8rd
RTMD @ 3726' JOINTS: 119 MISC: TAC, SN, PN, BPMA.

PACKER AND MISC: TAC @ 3474'

HISTORY AND BACKGROUND: Drilled as producer 1957. Perfs 3517-3578' sqzd.

SCOPE OF WORK: Convert to water injection.

PROCEDURE

1. Dig out wellhead. Plumb 5-1/2" x 8-5/8" ann to surf to monitor during injection operations.
2. MURU PU. POH warehousing rods & pump. NU BOP. POH w/2-3/8" prdn tbg examine prdn tbg to use as WS.
3. Dump 20 sx sd down 5-1/2" casing to PB OH & 5-1/2" casing to 3655'. RU EL & run a GR-CCL /PBD to 3000'. Correlate w/Western Gammaton run 8/15/57.
4. Dump add'l sand or RIH w/tbg OE & wash sd out to 3655'.
5. RIH w/pkr on WS & set @ $\pm 3450'$. Test ann to 500 psi. Est inj into perfs 3606-3650'. Size perfs as per inj rate & pressure. POH w/pkr.
6. RIH w/4-3/4" bit & 3-1/2" DC's on WS. Drill out cmt & clean out sd to 3785' TD. Deepen well 25' to 3810'.
7. Circ & spot 75 gals 15% NEFE across OH. POH w/bit.

Cont'd

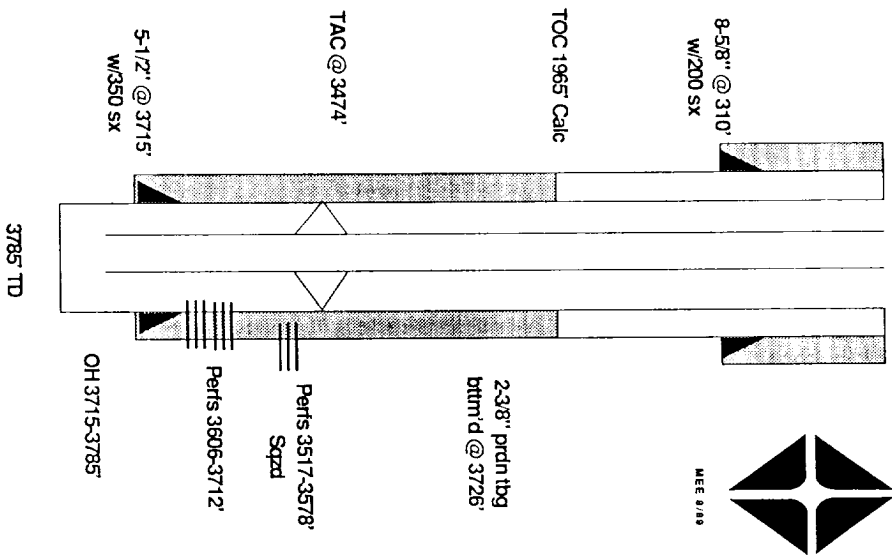
SROU #38
Page 2

8. RIH w/treating pkr & 210' of tailpipe on WS. Set pkr @ $\pm 3475'$ w/tailpipe btm'd @ 3685'. Test ann to 500 psi.
9. Acidize perfs 3660-3712' & OH 3715-3810' w/6000 gals 15% NEFE HCL w/5% micellar solvent @ 2-3 bpm. MXP 2000 psi.
 - a. 2000 gals 15% NEFE HCL w/5% micellar solvent
 - b. 1300# GRS in 1300 gals 10 ppg gbw.
 - c. 2000 gals 15% NEFE HCL w/5% micellar solvent
 - d. 1300# GRS in 1300 gals 10 ppg gbw.
 - e. 2000 gals 15% NEFE HCL w/5% micellar solvent.
 - f. Flush to TD w/formation water.
 - g. Swab test until clean.
10. Rise pkr & POH LD WS.
11. RIH w/lok-set type pkr & on-off tool w/1.78" R nipple on 2-3/8" 4.7# J-55 EUE 8rd IPC tbg to $\pm 3400'$. Displace ann w/treated fresh water.
12. Set pkr @ $\pm 3400'$ & test ann to 500 psi. ND BOP. NU wellhead. Test ann to 500 psi.
13. TOPS.

M. Z. Ell

Seven Rivers Queen Unit #38

Current Status



Seven Rivers Queen Unit #38

Proposed Status

