

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. 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.)

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
Name of Operator Chevron U.S.A. Inc.	8. Farm or Lease Name H.T. Mattern NCT-E
Address of Operator P.O. Box 670 Hobbs, NM 88240	9. Well No. 1
Location of Well UNIT LETTER <u>L</u> <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM THE <u>South</u> LINE, SECTION <u>1</u> TOWNSHIP <u>22S</u> RANGE <u>36E</u> NMPM.	10. Field and Pool, or Whidcan Arrowhead - <u>GB</u>
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea

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

FORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

## SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <u>rpr csg, log, perf, acdz</u> <input checked="" type="checkbox"/>	

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.  
TD: 3790 PB: 3790 Work performed 3/16/88 thru 3/29/88

POOH w/ prod. equip. Breac circ w/air mist. Drill hard fill 3784-3790'. Circ. clean. Set RBP at 3699', Load csg w/65bbls CKF. Est rate 1 BPM at 1000psi Set pkr at 3682'. Comm uphole, set pkr at 3651', 3527, 2413, comm up each time. TIH w/ pkr to 118', load bkside and communicated to tbq, POOH w/pkr. PU pkr w/ 95/75/95 pkr elements, TIH to 118', pmp dn annulus, comm. up. RIH to 431' pmp dn annulus, comm. up, pkr not holding, POOH, redress pkr w/ 75/75/75. TIH to 679', set pkr, pmp down annulus. Broke circ to surf. csg valve. Pmp dn tbq. Tested csg below 679', to 500psi, ok. PUH to 555'. Pmp down tbq. Broke circ. Test annulus to 500, ok. RDH to 617', Pmp dn annulus, broke circ to surf. PUH to 586. Broke circ down annulus to surf csg. Pmp dn tbq. Broke circ to surf csg, RDH to 601', pmp down tbq test to 500-ok. PUH to 571', test annulus to 500, ok. Hole isolated between 571 and 601'. POOH, LD pkr, Engage and release lokset RBP, TIH w/ CIGR to 3684', pmp 20bbls CKF thru ret. Est inj rate into csg leak at 1 bpm w/600psi. Mix and pump 425sx C circ 40sx to pit, Drop plug and displace cmt to 80', close surf csg valve and cont. displacing. Displace cmt to 500'. WOC 37 1/2 hrs. Drill wiper plug 474-475, cmt 475-600, stringers 600-651'. Circ well clean. TIH to 975'. SN at 613'. Swab. TIH w/ pkr to 622, isolate between 560' and 622'. No circ to surf valve.

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

(continued)

L.H. Emme Jr / M.E. Akers

TITLE: Staff Drlg. Engineer

DATE April 27, 1988

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT SUPERVISOR

TITLE

DATE APR 29 1988

Surf. csg line cmt'd. Mix and pmp 120 sx Cl C. Start disp w/ FW, Disp cmt 238', pmp sqz 11bbl - 47 sx cmt into leak. WOC 37 hrs. Tag TOC at 230'. Drill out cmt f/230 to 615', Stringers f/615 to 660'. Circ clean. Swab TIH w/ WS, tag at 3675'. Drlg rtnr and push to btm at 3790', circ hole clean. RU and run GR/CCL/CNL. w/OH caliper f/3790-2500'. GR to surf. Perf Open hole f/3718' to 3790', 37 shots using 1 shot per 2'. w/180° phase. Est. circ w/ air, cleanout f/3755 to 3790. PU pkr and set at 3725'. Loan annulus and monitor w/200#psi on ann. Acidize w/2500 gallons 15% NEFE HCL w/ add. Overflushed to btm of hole by 5 bbls. Swab. TIH w/ 2 7/8" J-55 8rd, prod. tbg. ET at 3765', SN at 3729'. ND BOP NU tbg head and pmp tee. TIH w/ rods and space out, hang well on, load tbg and test to 500#, ok. Ck pmp action 500#, ok. Turn over to production.