

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.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-1732	

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator GULF OIL CORPORATION		8. Farm or Lease Name Harry Leonard (NCT-C)
3. Address of Operator P.O. Box 670, Hobbs, NM 88240		9. Well No. 7
4. Location of Well UNIT LETTER <u>G</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM <u>East</u> LINE, SECTION <u>36</u> TOWNSHIP <u>21S</u> RANGE <u>36E</u> NMPM.		10. Field and Pool, or Wildcat Eumont Gas
11. Elevation (Show whether DF, RT, GR, etc.) 3507' GL		12. County Lea

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <u>P&A Arrowhead & recompleted in Eumont</u> <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.

Set CIBP @ 3675'. Capped w/35' cmt to P&A Arrowhead zone. Perfd Eumont Gas zone @ 3469-71'; 3494-96'; 3511-13'; 3533-35'; 3571-73'; & 3610-12' w/(2) 1/2" decentralized, zero-phased JHPF. Acidized w/3600 gal 15% NEFE slick HCL & (28) 7/8" RCNBs. ISIP 600#; after 5 min min 150#. Well on vac in 8 min. Max treating pres 2500#; min pres 1500#. AIR 6.5 BPM. Swabbed; well tested non-commercial at these intervals.

Set 5 1/2" cmt rtnr @ 3455'. Pres tested csg to 500# - held OK. Halliburton ppd 100 sx Class "C" cmt + 0.6% Halad-9 to squeeze the gross interval 3469-3612'; obtained 1200# squeeze pres. Perfd 5 1/2" csg @ 3219-21'; 3251-53'; 3307-09'; 3352-54'; 3393-95' & 3430-32' w/(2) 1/2" zero-phase, decentralized JHPF. Acidized w/4000 gal 15% NEFE inhibited slick HCL & (27) 7/8" RCNBs to divert. ISIP 1600#; after 5 min 1520#; after 10 min 1510#; after 15 min 1500#. Max treating pres 3280#; min 1960#; AIR 6.7 BPM. Swabbed. Foam frac Eumont interval 3219-3432' using Nitrogen & 2% fresh KCl wtr in 6 equal stages, each stage as follows: a) 2000 gal 70 quality foam; b) 1500 gal 70 quality foam w/3/4# 20-40 SPG; c) 1500 gal 70 quality foam w/1 1/2# 20-40 SPG; d) 2000 gal 70 quality foam w/2# 20-40 SPG; e) drop (4) 7/8" RCNBs w/Gulf mix rock salt as needed. Dropped a total of 20 RCNBs; 500# rock salt; 42,000# 20-40 sd in form. ISIP 2700#; after 5 min 2700#; 10 min 2600#; 15 min 2500#. Max treating pres 6000#; min 3800#. AIR 15 BPM. Swbd & tsttd. Well flwd 4 BW w/507 MCF gas in 24 hrs. Work performed 10-22-79 through 11-30-79.

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

SIGNED <u>M. S. Sikes, Jr.</u>	TITLE <u>Area Engineer</u>	DATE <u>12-4-79</u>
APPROVED BY <u>Jerry Sikes</u>	TITLE <u></u>	DATE <u>12-4-79</u>
CONDITIONS OF APPROVAL, IF ANY:		