

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name	
2. Name of Operator J. Gregory Merrion		8. Farm or Lease Name Federal Com	
3. Address of Operator P.O. Box 507, Farmington, NM 87401		9. Well No. 4	
4. Location of Well UNIT LETTER I, 1810 FEET FROM THE South LINE AND 970 FEET FROM THE East LINE, SECTION 34 TOWNSHIP 25N RANGE 6W NMPM.		10. Field and Pool, or Wildcat Ballard Pic. Cliffs	
15. Elevation (Show whether DF, RT, GR, etc.) 6373' GL		12. County Rio Arriba	

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 checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
		perforate, frac, log, test	

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.

Per attached daily report.



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

SIGNED J. Gregory Merrion TITLE Operator DATE October 31, 1980

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 3

APPROVED BY _____ TITLE _____ DATE NOV 5 1980

CONDITIONS OF APPROVAL, IF ANY:

J. GREGORY MERRION
FEDERAL COM #4
NE/4 SE/4 Sec 34, T-25N, R6W
RIO ARRIBA CO., NEW MEXICO

- 08-13-80 TD @ 2350. Mud up and trip out laying down drill pipe. Ran 74 joints of 2-7/8" buttress N-80 R-2 casing, white band, and landed @ 2330' KB w/ 15 ft. change over joint. Moved rig off. Rigged up Dowell. Broke circulation and cemented w/ 135 sx class 'H' w/ 2% D-79 followed by 100 sx neat class 'H'. Cementing plug left the head late therefore shut down prior to bumping plug, and shut-in. Excellent circulation throughout job w/ cement returns to surface. Released rig. WOCT (SSD)
- 08-14-80 Wilson Surveys ran temperature survey and found top plug at 1973'. Top of cement @ 250'. (JGM)
- 08-18-80 Moved in L & B Speed Drill. Picked up 1-1/4" EUE tubing and 2-1/4" bit. Went in hole and drilled and pushed plug to 2297. (JGM)
- 08-19-80 Drilled plug and baffle at 2308', then encountered cement at 2310'. Came out of hole and pressure tested to 900 psi, held ok. (JGM)
- 08-22-80 Rig up Blue Jet and Cementers Inc. Ran Gamma Ray Correlation log from 2305 to 2000 ft. Pressure tested casing to 3500 PSIG for 10 minutes; held ok. Perforated 2212-22' w/ 2 PF 2-1/8" glass jets - 20 holes. Unable to breakdown @ 4000 PSIG. Ran in and spotted acid with dump bailer. Broke down @ 3000 PSIG. Pumped in 250 gals 15% HCL and spotted on bottom. Perforated 2182-2202' w/ 2 PF 2-1/8" glass jets - 40 holes. Broke down all holes together and put acid away. ISDP 800 PSIG. Shut in for frac. (SSD)
- 08-26-80 Rigged up Western Co. and fraced Pictured Cliffs w/ 760 bbls 2-1/2 lb. slick water w/ 1/4 gal/1000 gal bactericide w/ 1% KCL, and 33,750 lb. sand, 48 ball sealers. Avg. inj. rate - 24 BPM, avg. press. - 2000 PSIG. ISDP - 900 PSIG. Final shut in 10 minutes - 800 PSIG. Shut in. (SSD)
- 09-10-80 Shut in pressure 605# 3 hr. I.P. 1 hr. 75# on 1-1/4" plate - 3244 MCF. 2 hr. 55# on 1-1/4" plate - 2522 MCF. 3 hr. on 1-1/4" plate - 2341 MCF. (JCA)
- 10-06-80 Opened well and well unloaded water, sand and frack balls. After one hour was making estimated 2500-3000 MCF/day plus heavy spray of frack water. Shut in until blewie line could be laid. (JGM)
- 10-08-80 Installed blewie line and opened well and lit flare. (JGM)
- 10-10-80 After 48 hours well making 1250 MCF/day, 21 PSIG on 1-1/4" plate. Still slight spray of water. (JGM)
- 10-13-80 After 5 days blowing to atmosphere well making 750 MCF/day dry gas. Shut in for pressure buildup. (JGM)
- 10-30-80 Measured shut in casing pressure @ 652 psig after 17 days shut in. On 3 hr. IP test flowed at rate of 2302 MCF/day dry gas. AOF 2496 MCF/day.