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# NEW MEXICO OIL CONSERVATION COMMISSION

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

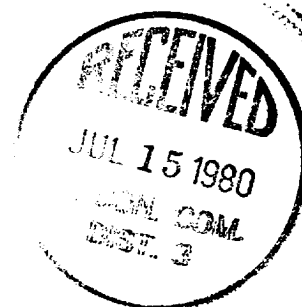
5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		
1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator <b>J. Gregory Merrion</b>		8. Farm or Lease Name <b>Federal</b>
3. Address of Operator <b>p.O. Box 507, Farmington, NM 87401</b>		9. Well No. <b>3 E</b>
4. Location of Well UNIT LETTER <b>I</b> , <b>1820</b> FEET FROM THE <b>South</b> LINE AND <b>1110</b> FEET FROM THE <b>East</b> LINE, SECTION <b>34</b> TOWNSHIP <b>25N</b> RANGE <b>6W</b> NMPM.		10. Field and Pool, or Wildcat <b>Basin Dakota</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>6373 GL, 6387 KB</b>		12. County <b>Rio Arriba</b>

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"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER <b>Perf &amp; Frack</b> <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input 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.

Completed as per attached chronological history.



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

SIGNED <u><i>J. Gregory Merrion</i></u>	TITLE <u>Operator</u>	DATE <u>7-14-80</u>
APPROVED BY <u>Original Signed by FRANK T. CHAVEZ</u>	TITLE <u>SUPERVISOR DISTRICT # 3</u>	DATE <u>JUL 15 1980</u>

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL - SECURITY INFORMATION

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
DATE 01-10-2001 BY 60322 UCBAW

... ..

(U) [REDACTED] was told at [REDACTED] that [REDACTED] was [REDACTED] -10-

1. The first group of documents is a collection of letters and reports from the Soviet Union to the United States, dated from 1945 to 1947. These documents are part of the "Cold War Collection" and are held by the National Archives and Records Administration. They provide a detailed account of the diplomatic relations between the two superpowers during the early years of the Cold War.

[illegible]

- 05-23-80 Move in Flint rig 1409. SDOWE. (SSD)
- 05-27-80 Rig up. Ran Baker mill & casing scraper on 2-3/8" EUE work string. Tagged fill on 1st stage tool @ 2294' K.B. Drilling on 1st stage tool. SDON. (SSD)
- 05-28-80 Drilled out 1st stage tool. Pressure tested to 1500 PSIG. Held ok. Tagged 2nd stage fill @ 4573' K.B. Drilled out 2nd stage tool. Pressured to 1500 PSIG, held ok. SDON. (SSD)
- 05-29-80 Tripped down to bottom. Found fill @ 6670' K.B. Drilled to 6690.65' K.B. and started milling on float collar. Drilled out to 6718' K.B. by tally. SDON. (SSD)
- 05-30-80 Strapped out of hole. Found 0.1 foot discrepancy on tape measure. Corrected drilled out depth to 6738 KB. Ran Blue Jet Bond log 6732-5500', 4650-3400', 2350-1150'. Ran Gamma-Ray Collar log 6736-6300', 4630-4200', 2330-2000'. Perforated Burro Canyon 6712-20' with 2 holes per foot.
- 05-31-80 Ran Baker Moder R packer on 2" tubing to 6680'. Set packer and swabbed well down. Well making 20 MCF gas per day with very little fluid.
- 06-02-80 Ran swab to seating nipple; recovered few gallons fresh water. Well making 20 MCF/day. Rigged up Dowell and treated with 250 gallons mud acid at 3 BPM at 2750 psi. Swabbed well down with little apparent fluid entry.

06-03-80 Well unloaded cement-contaminated water overnite and was making 100 MCF per day. Ran swab to seating nipple and recovered 4 bbls. spent acid water. Still making 100 MCF. Ran swab second time; no recovery. Packer set at 6412'. Attempted to establish injection rate. Could not pump in at 3000 psi. Unseated packer and ran to 6720' and reversed hole clean. Reset packer at 6412' and pumped in at 2-1/2 BPM at 2000 psi. Mixed 35 sacks Class "H" cement with 0.6% FLAC and 1% CaCl<sub>2</sub>. Started to displace and pressure went to 4000 psi. Could not displace cement. Unseated packer and reversed cement to pit. Ran tubing to 6720' and pumped 300 gallons HCL into tubing. Pressure went to 3000 psi. Could not spot acid. Reversed to pit. Pulled tubing and found swabbing tools on top of seating nipple.

06-04-80 Ran tubing and Baker Moder R packer. Set packer at 6412'. Dowell took injection test at 2-1/2 BPM at 2000 psi. Mixed 35 sacks Class "H" cement with 0.6% FLAC and 1% CaCl<sub>2</sub>. Displaced to perfs and squeezed 2.7 bbls. cement to perfs and obtained squeeze pressure of 3200 psi in 15 minutes. Held pressure for 15 minutes. Washed excess cement from hole then displaced hole with 1% KCL water and pulled packer.

06-05-80 Rigged up McCullough. Perforated 6706-6720' with two 0.43" holes/foot. Broke formation at 3000 psi; pumped in 9 BPM at 2000 psi. Perforated 6686-6706' with two 0.43" holes/foot. Rigged up Dowell and pumped 250 gallons 15% HCL with L-53 clay stabilizer, 6 bbls. KCL water 1000 gallons deisel with 1#/gal. divertifrac (polymer-coated sand), 12 bbls. KCL water and displaced deisel and sand mix to perfs with Waterfrac 30 with 1% KCL, L-53 clay stabilizer and 15#/1000 gal. Aqua Adomite pad. Shut down 5 minutes to let sand settle. Sand fracked well as follows:

5000 gal. pad Waterfrac 30 1% KCL, 1 gal./1000 L-53 clay stabilizer and 15#/1000 Aqua Adomite;

18,000 gal. above fluid with 1#/gal. 20-40 sand;  
4600 gal. above fluid with 1-1/2#/gal. 20-40 sand;  
Flushed to perfs w/106 bbls. KCL water.

Average injection rate 24 BPM; average pressure 3100 psi  
ISP - 2050 psi bled to 1300 psi in 15 minutes.

McCullough set Baker Retrievable BP @ 6630'. Dumped 5 gal. sand on plug. Pressure tested to 4000 psi. Held okay. Perforated 6574, 6572, 6570, 6567, 6564, 6561, 6558, 6555, 6552, 6549, 6517, 6516, 6515, 6513, 6511, and 6509 with select fire gun. Pumped into perfs and found 11 holes open. Balled off with 750 gal. acid and 25 balls. Ran junk basket and gauge ring. Could not get past 6566. Made second run with more weight; same results.

06-06-80 Well had pressured up with gas overnite. Blew to pit considerable head of gas then settled down to about 100 MCF/day after 30 minutes. Dowell fracked with clean 40# crosslinked gel containing bactericide, 1% KCL, and selica control agent as follows:

9000 gal pad  
5000 gal 1#/gal 20-40 sand  
13000 gal 2#/gal 20-40 sand  
13000 gal 3#/gal 20-40 sand

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(cont.) Average injection rate 23 bbls/min. at 3100 psi. Final shut in 2850 psi bled to 2300 psi in 15 minutes. Shut in overnite.

06-07-80

Well pressure at 500 psi. Rigged up blewie line. Ran Baker retrieving head, circulated hole clean and came out of hole. Ran expendable check and seating nipple. Cleaned out to 6735' K.B. Landed with 104 stands in hole. Installed wellhead and pumped out check. SDON.

06-09-80

Tubing pressure @ 1600 psi. Casing pressure @ 1500 psi. Well flowing. Rigged down Flint Engineering.