UNITED STATES PARTMENT OF THE INTER

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

2. Name of Operator **RESOURCES** OIL & GAS COMPANY 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 4. Location of Well, Footage, Sec., T, R, M 800'FSL, 1750'FEL, Sec.36, T-28-N, R-10-W, NMPM 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE Type of Submission **X** Notice of Intent** **X** Abandonment** **Recompletion** **Plugging Back** **Casing Repair** **Pinal Abandonment** **Altering Casing** **X** Other	8 9 1 1 1 3, REPORT, OTH ction Change of New Constr Non-Routin Water Shut Conversion	Plans ruction ne Fracturing c off n to Injection
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	~	g to the attached
14. I hereby certify that the foregoing is true and Signed Hill Title Regulatory A		Date 12/27/99
(This space for Federal or State Office use)		

PLUG AND ABANDONMENT PROCEDURE

Omler #3

Fulcher Kutz Pictured Cliffs 800' FSL and 1750' FEL, Section 36, T28N, R10W DPNO: 5089401 Latitude / Longitude: 36° 30.8497'/ 107° 50.6067' San Juan County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

- 1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations.
- MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief 2. line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
- POH and tally 63 joints 1-1/4" EUE tubing (1978'); visually inspect the tubing. If necessary LD tubing 3. and PU workstring. Round-trip 3-1/2" gauge ring or casing scraper to 1932'.
- Plug #1 (Pictured Cliffs interval and Fruitland top, 1932' 1542'): Set 3-1/2" wireline CIBP at 4. 1932'. TlH with open ended tubing and tag CIBP. Load casing with water and circulate clean, Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 19 sxs Class B cement and spot above the CIBP to isolate the PC perforations and to cover the Fruitland top. TOH.
- 5. Plug #2 (Kirtland and Ojo Alamo tops, 1186' - 1025'): Perforate 4 bi-wire squeeze holes through 3-1/2" and 5-1/2" casings at 1186'. If casing tested after plug #1, then establish rate into squeeze holes. Mix and pump 83 sxs Class B cement down the 3-1/2" casing, squeeze 69 sxs cement outside the 5-1/2" casing and leave 14 sxs cement inside 3-1/2" casing, displace with water to 900', to cover over Ojo Alamo top. If casing did not test after plug #1, then set a 3-1/2" wireline cement retainer at 1136'. TIH with tubing and sting into CR. Pump 78 sxs Class B cement down the 3-1/2" casing, squeeze 69 sxs cement outside the 5-1/2" casing and leave 9 sxs cement inside 3-1/2" casing, Establish rate below CR into squeeze holes and then cement to cover over Ojo Alamo top. TOH and LD tubing.
- Plug #3 (9-5/8" Casing Shoe, 97' Surface): Perforate 4 bi-wire squeeze holes through 3-1/2" and 5-6. 1/2" casings at 147'. Establish circulation out bradenhead valve. Mix and pump approximately 60 sxs Class B cement down 3-1/2" casing to circulate good cement out the bradenhead valve. Shut in well and WOC.

ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to 7. comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

12/15/99

Recommended:

perations Engineer Joe Michetti

Dffice - 326-9764

Pager - 564-7187

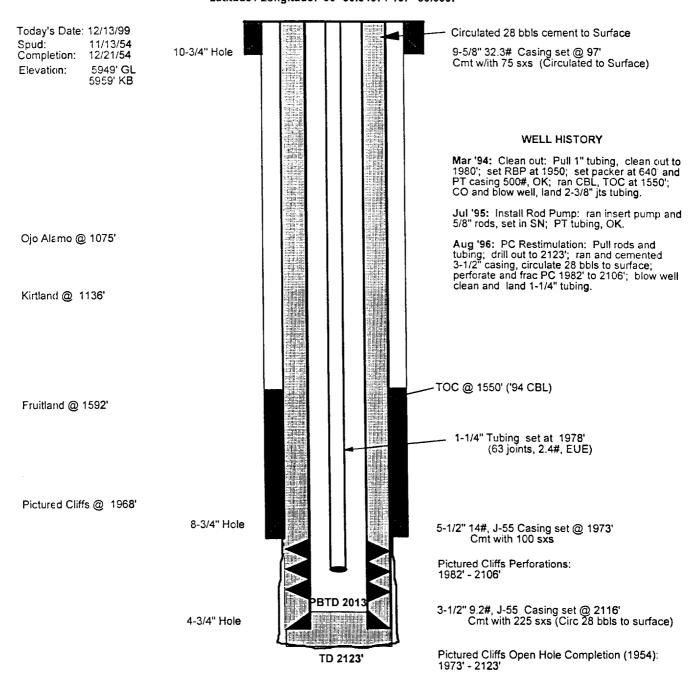
Approved: Drilling Superintendent) J. K. 99

Omler #3

Current AIN: 5089401

Fulcher Kutz Pictured Cliffs

SE Section 36, T-28-N, R-10-W, San Juan County, NM Latitude / Longitude: 36° 30.8497'/ 107° 50.6067'



Omler #3

Proposed P&A AIN: 5089401

Fulcher Kutz Pictured Cliffs

SE Section 36, T-28-N, R-10-W, San Juan County, NM Latitude / Longitude: 36° 30.8497'/ 107° 50.6067'

