

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

| | |
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| <p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator MERIDIAN OIL</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 990'FNL, 1650'FEL Sec.2, T-27-N, R-10-W, NMPM</p> | <p>5. Lease Number SF-077874</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number Feasel #2</p> <p>9. API Well No. 30-045-20146</p> <p>10. Field and Pool Fulcher Kutz PC</p> <p>11. County and State San Juan Co, NM</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

| Type of Submission | Type of Action |
|------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other - |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Conversion to Injectio |

13. Describe Proposed or Completed Operations

It is intended to plug and abandon this well per the attached procedure and wellbore diagram.

RECEIVED
JUL 0 8 1994

OIL CON. DIV.
SITING

14. I hereby certify that the foregoing is true and correct.

Signed *Randy Bradhull* (KT2) Title Regulatory Affairs Date 6/30/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any: _____

APPROVED

[Signature]
JUL 11 1994
DISTRICT MANAGER

NM000

PLUG & ABANDON PROCEDURE

Feasel # 2

Fulcher Kutz Pictured Cliffs - DPNO 19820

990' N, 1650' E, Section 2, T-27-N, R-10-W, San Juan County, NM

1. Install and test location rig anchors. Prepare blow pit (for cement washout only).
 2. MOL and RU daylight pulling unit. RU atmospheric blow tank. NU relief line to atmospheric tank. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location.
 3. Blow down well and kill with water as necessary. ND wellhead and NU BOPs. Test operation of BOPs.
 4. Run 2 7/8", 6.4# gauge ring to 1870'. PU 2 7/8" cement retainer, 1 1/4" work string and TIH.
 5. **Plug # 1 (Pictured Cliff perforations, Pictured Cliff/ Fruitland; 1595' to 1960')**: Set 2 7/8" cement retainer at 1860'. Establish rate and squeeze Pictured Cliff perforations with 6 sx class B cement and spot 9 sks above. Spot drilling mud between Plug # 1 and Plug # 2. Pressure test casing to 500#. POOH
 6. **Plug # 2 (Kirtland/Ojo Alamo; 870' to 1110')**: Set Plug # 2 with 8 sx class B cement inside pipe. Spot drilling mud between Plug # 2 and Plug # 3. WOC 4 hrs. TIH and tag Plug #2. Pressure test 2 7/8" casing to 500 psi and POOH.
 7. **Plug # 3 (Surface/8 5/8" casing shoe; Surface to 193')**: Perforate 2 holes at 193'. Establish rate into perforations with bradenhead valve open. Pump cement and circulate out bradenhead. Pump cement down 2 7/8" casing and circulate back to surface. (app. 52 sx)
 8. Cut off wellhead below surface casing flange and install dry hole marker to BLM specifications. Release rig and restore location.
- * Cement volumes calculated from 50' above to 50' below formation tops.
 - * Surface plug is calculated from 50' below surface casing shoe to surface.
 - * All cement volumes are calculated with 100% volume excess outside pipe and 50 foot plug length excess inside pipe.
 - * Plugs spotted on top of cement retainers will fill a minimum of 50' inside of pipe.
 - * Drilling mud will be mixed to 8.4 ppg weight and 40 viscosity.

Recommended: _____

Summer Operations Engineer

Approval: _____

Production Superintendent

PERTINENT DATA SHEET

6/27/94

| WELLNAME: Feasel #2 | DP NUMBER: 19820 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| WELL TYPE: Fulcher Kutz PC | ELEVATION: GL: 5943' KB: 5954' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: 990' N, 1650'E Sec 2, T-27-N, R-10-W San Juan County, New Mexico Area 2 | INITIAL POTENTIAL: AOF 972 Mcf SICP: 427 psig | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OWNERSHIP: GW: 100.0000% NRI: 85.9883% | DRILLING: SPUD DATE: 09-13-67 COMPLETED: 10-10-67 TOTAL DEPTH: 2038' PBTD: 2028' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>12 1/4"</td> <td>8 5/8"</td> <td>24#</td> <td>J55</td> <td>143'</td> <td></td> <td>170 sx</td> <td>Surface-circ</td> </tr> <tr> <td>6 3/4"</td> <td>2 7/8"</td> <td>6.4#</td> <td>J55</td> <td>2038'</td> <td></td> <td>175 sx</td> <td>785' (calc- 75%)</td> </tr> <tr> <td>Tubing</td> <td>NONE</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | <u>HOLE SIZE</u> | <u>SIZE</u> | <u>WEIGHT</u> | <u>GRADE</u> | <u>DEPTH</u> | <u>EQUIP.</u> | <u>CEMENT</u> | <u>TOC</u> | 12 1/4" | 8 5/8" | 24# | J55 | 143' | | 170 sx | Surface-circ | 6 3/4" | 2 7/8" | 6.4# | J55 | 2038' | | 175 sx | 785' (calc- 75%) | Tubing | NONE | | | | | | |
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| FORMATION TOPS: <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 40%;">Ojo Alamo</td> <td style="width: 20%;">920'</td> <td style="width: 40%;">Point Lookout</td> </tr> <tr> <td>Kirtland</td> <td>1061'</td> <td>Mancos</td> </tr> <tr> <td>Fruitland</td> <td>1645'</td> <td>Gallup</td> </tr> <tr> <td>Pictured Cliffs</td> <td>1908'</td> <td>Graneros</td> </tr> <tr> <td>Lewis</td> <td>2042'</td> <td>Dakota</td> </tr> <tr> <td>Cliff House</td> <td></td> <td></td> </tr> <tr> <td>Menefee</td> <td></td> <td></td> </tr> </tbody> </table> | | Ojo Alamo | 920' | Point Lookout | Kirtland | 1061' | Mancos | Fruitland | 1645' | Gallup | Pictured Cliffs | 1908' | Graneros | Lewis | 2042' | Dakota | Cliff House | | | Menefee | | | | | | | | | | | | | |
| Ojo Alamo | 920' | Point Lookout | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kirtland | 1061' | Mancos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fruitland | 1645' | Gallup | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pictured Cliffs | 1908' | Graneros | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lewis | 2042' | Dakota | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cliff House | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Menefee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOGGING: IES, FDC/GR, TS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERFORATIONS 1914' - 1930', 1944' - 1960' w/ 32 spz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STIMULATION: 35,910 gal wtr, 40,000 # 10/20 sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORKOVER HISTORY: NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">PRODUCTION HISTORY:</td> <td style="width: 10%;"><u>Gas</u></td> <td style="width: 10%;"><u>Oil</u></td> <td style="width: 30%;">DATE OF LAST PRODUCTION:</td> <td style="width: 10%;"><u>Gas</u></td> <td style="width: 10%;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as of Feb 94:</td> <td>2.01 Bcf</td> <td>C</td> <td>September, 1987</td> <td>566 Mcf</td> <td></td> </tr> <tr> <td>Current:</td> <td>0</td> <td>C</td> <td></td> <td></td> <td></td> </tr> </table> | | PRODUCTION HISTORY: | <u>Gas</u> | <u>Oil</u> | DATE OF LAST PRODUCTION: | <u>Gas</u> | <u>Oil</u> | Cumulative as of Feb 94: | 2.01 Bcf | C | September, 1987 | 566 Mcf | | Current: | 0 | C | | | | | | | | | | | | | | | | | |
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| Current: | 0 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIPELINE: EPNG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Feasel #2

CURRENT

DPNO 19820

990' N, 1650' E

Section 2, T-27-N, R-10-W, San Juan County, NM

Spud: 9-13-67

Completed : 10-10-67

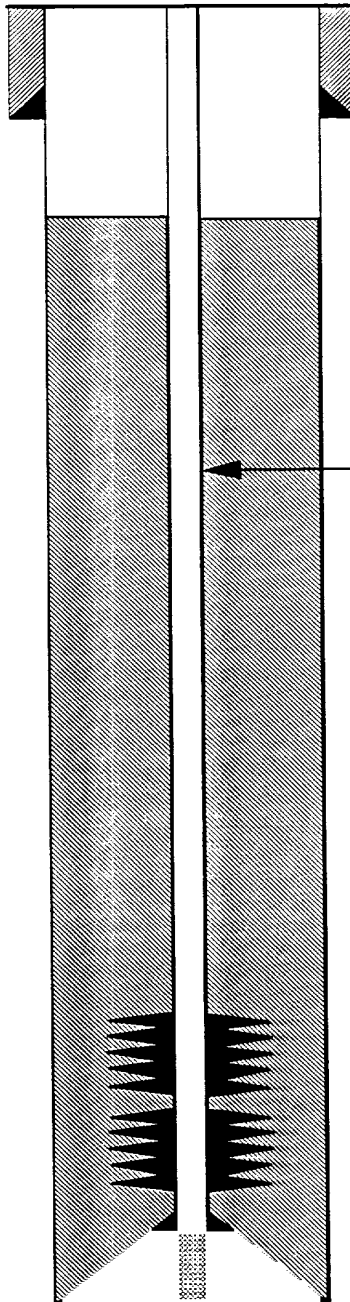
Ojo Alamo @ 920'

Kirtland @ 1061'

Fruitland @ 1645'

Pictured Cliffs @ 1908'

Lewis @ 2042'



8-5/8" 24#, J55, Csg set @ 143'
Circulated 170 sx cmt to surface

TOC 785' (calculated-75%)

2 7/8", 6.4# J55, Csg set @ 2038'
Pumped 175 sx. cmt.

Perfs @ 1914' - 1930',
1944' - 1960' w/ 32 spz

PBTD 2028'

TD 2075'

Feasel #2

P & A

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