

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-07967
5. Indicate Type of Lease STATE FEE XXX <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Cassidy
8. Well Number 1
9. OGRID Number 008928
10. Pool name or Wildcat Fulcher Kutz Pictured Cliffs

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. Type of Well: Oil Well <input type="checkbox"/> XXX Gas Well Other	
2. Name of Operator McElvain Oil & Gas Properties, Inc GERRY THAMES	
3. Address of Operator P.O. Box 5610, Farmington, NM 87499-560	
4. Well Location Unit Letter P : ¹⁰¹⁰ 660 feet from the South line and ⁸³⁰ 660 feet from the East line Section 19 Township 29 N Range 11W NMPM San Juan County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5,448' GL	
Pit or Below-grade Tank Application X or Closure <input type="checkbox"/>	
Pit type Lined Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water	
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; Construction Material	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON X
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

RCVD MAR 18 '08

Operator proposes to plug and abandon this well per the attached procedure. A steel tank pit will used.

OIL CONS. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCGD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE J. M. McKinney TITLE Operations Engineer DATE 03/17/08

Type or print name
Telephone No. 303-893-0933, X379

E-mail address: jimmm@mcelvain.com

For State Use Only

APPROVED BY: H. Villanueva TITLE Oil & Gas Inspector, District #3 DATE MAR 18 2008
Conditions of Approval (if any):

Cassidy #1 Current

Fulcher- Kutz Pictured Cliffs

1010' FSL & 830' FEL, Section 19, T-29-N, R-11-W
San Juan County, NM / API #30-045-07967

Lat: N _____ / Long: W _____

Today's Date: 11/27/07
Spud: 11/1/48
Comp: 1/6/49
Elevation: 5448' GL
5638' KB

Ojo Alamo @ 327'

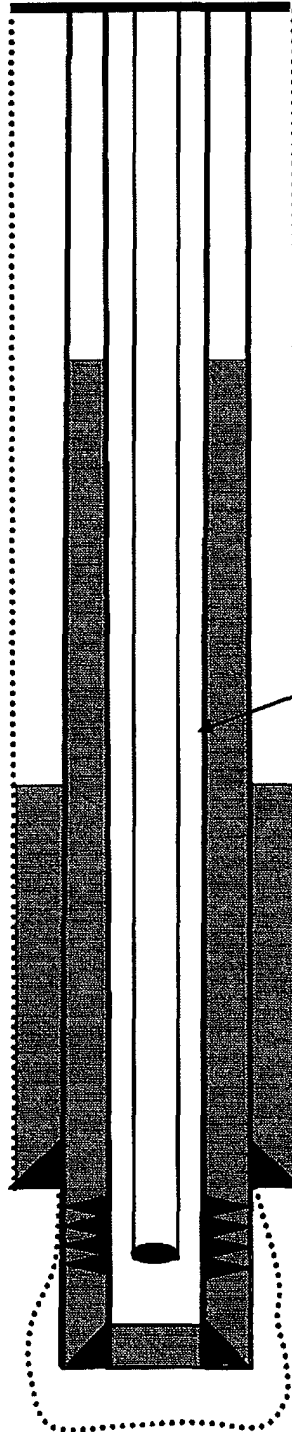
Kirtland @ 599'

Fruitland @ 1332'

Pictured Cliffs @ 1546'

7.875" Hole

4.75" Hole



There is no record of
surface pipe set on this well.

Well History

Dec '64: Drilled 35' of new hole. Ran 1703' of
3.5" casing and cemented with 150 sxs. TOC at
450' (T.S.). Perforated Pc from 1546' to 1600'.
Frased well.

3.5" TOC @ 450' (T.S.)

Well may have 1" tubing to 1600'.

5.6" TOC @ 1222' (Calc, 75%)

5.6", Casing @ 1563'
Cemented with 50 sxs (59 cf)

Pictured Cliffs Perforations:
1546' - 1600'

3.5" 5.7# J-55 Casing @ 1670'
Cemented with 150 sxs

Cassidy #1 Proposed P&A

Fulcher- Kutz Pictured Cliffs

1010' FSL & 830' FEL, Section 19, T-29-N, R-11-W
San Juan County, NM / API #30-045-07967

Lat: N _____ / Long: W _____

Today's Date: 11/27/07
Spud: 11/1/48
Comp: 1/6/49
Elevation: 5448' GL
5638' KB

Ojo Alamo @ 327'

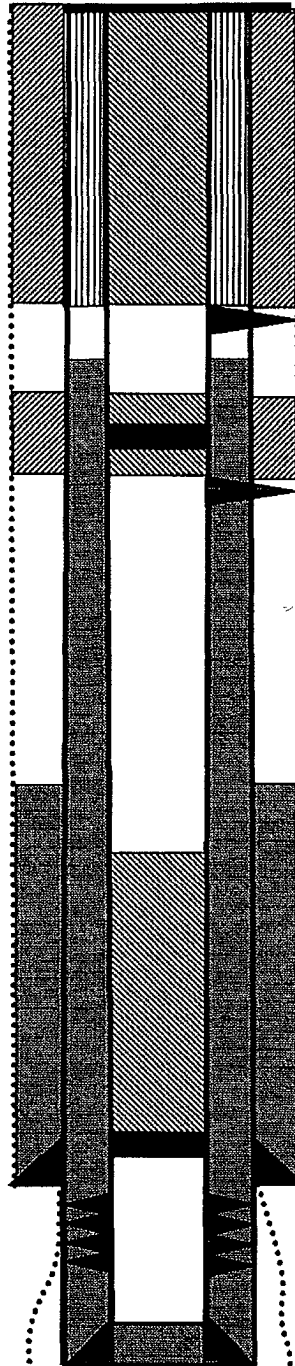
Kirtland @ 599'

Fruitland @ 1332'

Pictured Cliffs @ 1546'

7.875" Hole

4.75" Hole



There is no record of
surface pipe set on this well.

Plug #3: 377' - 0'
Type III cement, 145 sxs

Perforate @ 377'

3.5" TOC @ 450' (T.S.)

Set CR @ 599'

Perforate @ 649'

Plug #2: 649' - 649'
Type III cement, 43 sxs:
27 outside and 6 inside

5.5" TOC @ 1222' (Calc, 75%)

702 - 1325

Plug #1: 1513' - 1282'
Type III cement, 11 sxs

Set 3.5" CIBP @ 1513'

5.5", Casing @ 1563'
Cemented with 50 sxs (59 cf)

Pictured Cliffs Perforations:
1546' - 1600'

3.5" 5.7# J-55 Casing @ 1670'
Cemented with 150 sxs

TD 1703'

**PLUG AND ABANDONMENT PROCEDURE
Cassidy #1**

November 27, 2007

Fulcher – Kutz Pictured Cliffs
1010' FSL and 830' FEL, Section 19, T29N, R11W
San Juan County, New Mexico / API 30-045-07967
Lat: N _____ / Lat: W _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Project will use a steel tank pit.
2. Install and test rig anchors. Comply with all NMOCD, BLM and McElvain safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary.
3. ND wellhead and NU BOP; test the BOP. If well has 1" tubing then TOH and LD 1600' of 1" tubing. PU a workstring. Round trip a wireline gauge ring to 1513'.
4. **Plug #1 (Pictured Cliffs interval, 5.5" casing shoe, Fruitland top, 1513' – 1282')**: RIH and set a 3.5" wireline CIBP at 1513'. TIH with tubing and tag BP. Load casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 11 sxs cement and spot a balanced plug above CR to isolate the Pictured Cliffs interval then cover the 5.5" casing shoe and the Fruitland top. TOH with tubing.
5. **Plug #2 (Kirtland top, 649' – 549')**: Perforate 3 HSC squeeze holes at 649'. If the 3.5" casing tested, then attempt to establish rate into the squeeze holes outside 5.5" x 7.875" annulus. Set a 3.5" cement retainer at 599'. Establish rate below CR. Mix and pump 43 sxs Type III cement, squeeze 27 sxs outside the 5.5" x 7.875" casing annulus and leave 6 sxs inside 3.5" casing to cover the Kirtland top. TOH and LD tubing.
6. **Plug #3 (Ojo Alamo top and Surface, 377' – 0')**: Perforate 3 HSC squeeze holes at 377'. Establish circulation to surface out the 3.5" casing and 5.5" annulus, Note: no record of surface casing being set. Mix approximately 145 sxs cement and pump down the 3.5" casing to circulate good cement to the surface. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

ACD