

AUG 14 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. Type of Well
GAS
2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP
3. Address & Phone No. of Operator
P.O. Box 4289, Farmington, NM 87499
4. Location of Well, Footage, Sec., T, R, M
Unit A (NENE), 990' FNL & 1190' FEL, Section 27, T31N, R8W, NMPM
5. Lease Number
SF 079037
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Hale #1
9. API Well No.
30-045-10356
10. Field and Pool
Blanco MV
11. County and State
San Juan Co., NM

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

Type of Submission Type of Action

☒ Notice of Intent ☒ Abandonment ☐ Change of Plans ☒ Other P&A & MIT

☐ Subsequent Report ☐ Recompletion ☐ New Construction

☐ Final Abandonment ☐ Plugging ☐ Non-Routine Fracturing

☐ ☐ Casing Repair ☐ Water Shut off

☐ ☐ Altering Casing ☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources wishes to run a MIT and P&A this well per the attached procedures and well bore schematics.

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

RCVD AUG 19 '09
OIL CONS. DIV.
DIST. 3

Signed Rhonda Rogers Rhonda Rogers Title Staff Regulatory Technician Date 8/12/09.

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date AUG 18 2009

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

PC

ConocoPhillips
Hale #1 (MV)
P&A Mesa Verde

Lat 36° 52' 26.159" N Long 107° 39' 27.119" W

PBTD: 5578'

KB: 8'

PROCEDURE:

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 Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. An MIT must be performed on the 5-1/2" casing on the squeezes located at 1950'-2551' & 844'-1358'. PU and RIH with 5-1/2" RBP, 2-3/8" tubing joint, 5-1/2" packer and tubing joints. Set RBP at 2610'. Sting out to set packer and pressure test w/ 500psi for 10 minutes. Unset packer and test casing to 500psi for 30 min on a 2 hour chart.
2. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
3. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
4. Rods: Yes X, No , Unknown ; Type: Corod
Tubing: Yes X, No , Unknown , Size 2.1/16", Length 5,435';
Packer: Yes , No X, Unknown , Type .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. TOH with the tubing and tally.
5. **Plug #1 (Mesaverde perforations, top and 5.5" casing shoe, 5060' – ^{4738'}~~4783'~~)**: Round trip 3.5" gauge ring or casing scraper to 5060'. RIH and set 3.5" cement retainer at 5060'. Pressure test the 3.5" and 5.5" casings to 800 PSI. *If the casing does not test, then spot or tag the subsequent plugs as appropriate.* Mix ~~15~~ sxs Class B cement and spot a balanced plug inside casing. TOH with tubing.
6. **Plug #2 (3.5" liner top, 4526' – 4426')**: Perforate 2 bi-wire squeeze holes at 4488'. Establish an injection rate into the squeeze holes. Mix 17 sxs Class B cement, squeeze 1 sx outside the 3.5" liner and leave 16 sxs inside to cover the 3.5" liner top. TOH with tubing.
7. **Plug #3 (Chacra top, ^{3994'}~~3940'~~ – ^{3894'}~~3840'~~)**: Round trip 5.5" casing scraper or gauge ring to ~~3940'~~. Perforate 3 HSC holes at ~~3940'~~. Establish an injection rate into the squeeze holes. TIH and set a 5.5" CR at ~~3894'~~. Mix 60 sxs Class B cement, squeeze 43 sxs outside the casing and leave 17 sxs inside to cover the Chacra top. TOH with tubing.
8. **Plug #4 (Pictured Cliffs and Fruitland tops, 3265' – 2838')**: Perforate 3 HSC holes at 3265'. Establish an injection rate into the squeeze holes. TIH and set a 5.5" CR at 3215'. Mix 237 sxs Class B cement, squeeze 183 sxs outside the casing and leave 54 sxs inside to cover the Pictured Cliffs and Fruitland tops. TOH with tubing.

2188 1964

9. **Plug #5 (Kirtland and Ojo Alamo tops, 2163' - 1943')**: Perforate 3 HSC holes at 2163'. Establish an injection rate into the squeeze holes. TIH and set a 5.5" CR at 2143'. Mix 96 sxs Class B cement, squeeze 65 sxs outside the casing and leave 31 sxs inside to cover the Kirtland and Ojo Alamo tops. TOH.

718 618

718

10. **Plug #6 (Nacimiento top, 746' - 646')**: Perforate 3 HSC holes at 746'. Establish an injection rate into the squeeze holes. TIH and set a 5.5" CR at 696'. Mix 60 sxs Class B cement, squeeze 43 sxs outside the casing and leave 17 sxs inside to cover the Nacimiento top. TOH and LD tubing.

11. **Plug #7 (Surface plug, 245' - Surface)**: Perforate 3 HSC holes at 245'. Mix and pump approximately 120 sxs cement down the 5.5" casing until good cement returns out casing annulus and bradenhead. Shut in well and WOC.

12. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

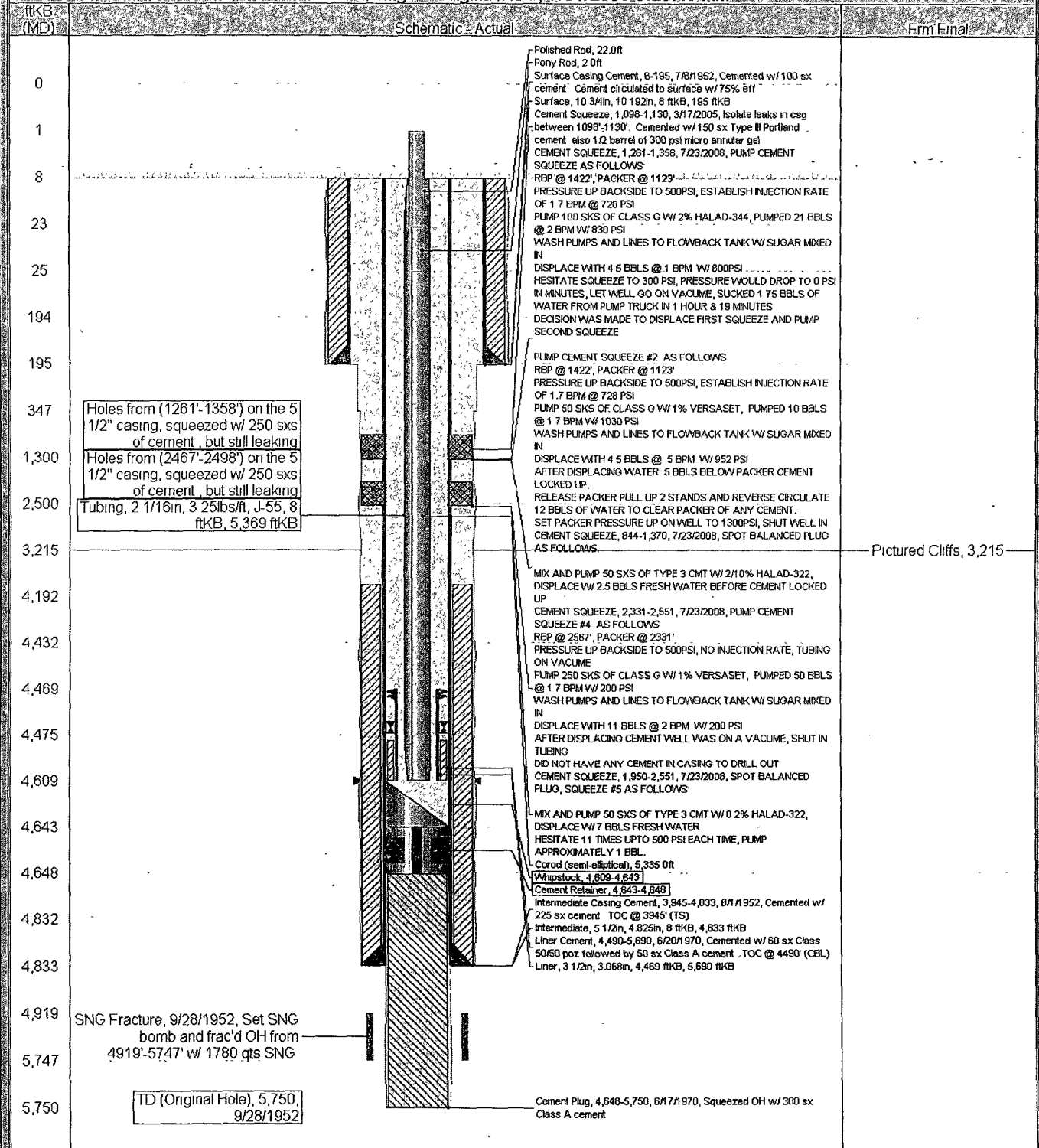
Current Schematic

ConocoPhillips

Well Name: HALE #1

API/UWI: 3004510356	Surface Legal Location 027-031N-008W-A	Field Name BLANCO MESA VERDE (PRORAT #0...	License No	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,311.00	Original KB/RT Elevation (ft) 6,319.00	KB-Ground Distance (ft) 8.00	KB-Casing Flange Distance (ft) 6,319.00	KB-Tubing Hanger Distance (ft) 6,319.00		

Well Config: - Original Hole, 7/31/2009 9:25:45 AM



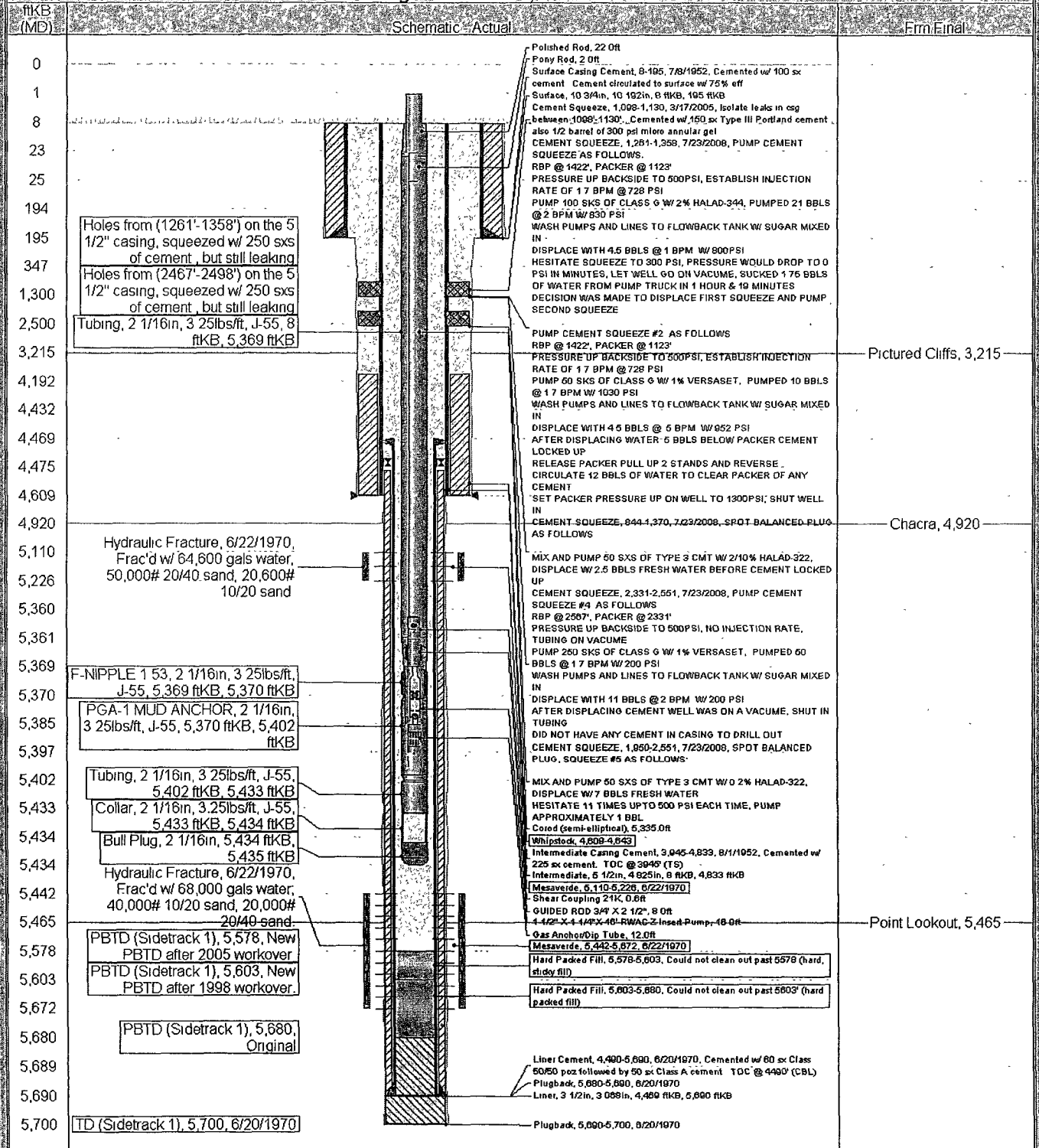
Current Schematic

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API / UWI 3004510356	Surface Legal Location 027-031N-008W-A	Field Name BLANCO MESAVERDE (PRORAT #)	License No	State/Province NEW MEXICO	Well Configuration Type	Edit
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Well Config: Sidetrack 1, 7/31/2009 9:28:39 AM



Hale #1 Current

Blanco Mesaverde

990' FNL & 1190' FEL, Section 27, T-31-N, R-8-W
San Juan County, NM / API #30-045-10356

Lat: N 36°52'26.159" Long: W 107°39'27.119"

Today's Date: 7/27/09

Spud: 7/8/52

Comp: 8/18/94

Elevation: 6311' GL
6319' KB

Nacimiento @ 696' *est

Ojo Alamo @ 1995' *est

Kirtland @ 2113' *est

Fruitland @ 2885' *est

Pictured Cliffs @ 3215'

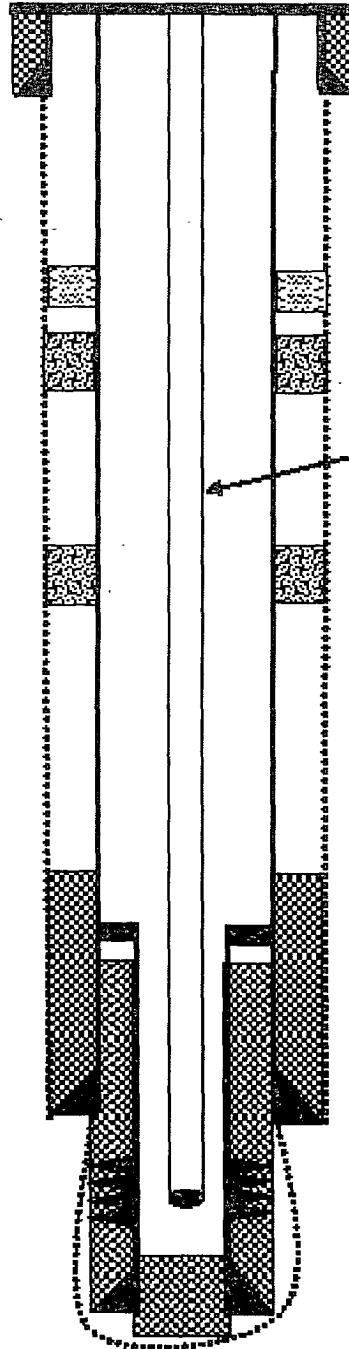
Chaco @ 3694' *est

Mesaverde @ 4920'

12.25" Hole

8.75" Hole

4.75" Hole



10.75" 40.5# J-55 Casing set @ 195'
100 exs cement, circulated to surface

Casing leak 1098' - 1130'
Sqz w/150 exs, still leaks (2008)

Casing leak 1261' - 1358'
Sqz w/250 exs, still leaks (2008)

2-1/16" Tubing set at 5435'
(173 lbs, 3.25#, J-55 IJ wires and pump)

Casing leak 2467' - 2498'
Sqz w/250 exs, still leaks (2008)

5.5" TOC @ 3945' (T.S.)

3.5" Liner top @ 4476'

Liner TOC @ 4490' (CBL)

5.5" 148/15.5#, J-55 Casing @ 4833'
Cemented with 225 exs

Mesaverde Perforations:
5110' - 5672'

3.5", 7.7, J-55 Casing @ 5697'
Cemented with 110 exs
Open Hole sqz'd w/ 300 exs (1970)

TD 5747'
PBTD 5680'
COTD 5578'

Hale #1 Proposed P&A

Blanco Mesaverde

990' FNL & 1190' FEL, Section 27, T-31-N, R-8-W
San Juan County, NM / API #30-045-10356

Lat: N 36°52'26.159" / Long: W 107°39'27.119"

Today's Date: 7/27/08

Sput: 7/8/52

Comp: 8/18/94

Elevation: 6311' GL

6319' KB

Plug #7: 245' - 0'

Class B cement, 120 sxs

12.25" Hole

10.75" 40.5# J-55 Casing set @ 195'
100 sxs cement, circulated to surface

Perforate @ 245'

Cement Retainer @ 696'

Perforate @ 746'

Casing leak 1098' - 1130'
Sqz w/150 sxs, still leaks (2008)

Casing leak 1261' - 1358'
Sqz w/250 sxs, still leaks (2008)

Cement Retainer @ 2113'

Perforate @ 2163'

Casing leak 2467' - 2498'
Sqz w/250 sxs, still leaks (2008)

Cement Retainer @ 3215'

Perforate @ 3265'

Cement Retainer @ 3894'

Perforate @ 3940'

5.5" TOC @ 3945' (T.S.)

3.5" Liner top @ 4476'

Perforate @ 4488'

Liner TOC @ 4490' (CBL)

5.5", 14#/15.5# J-55 Casing @ 4833'
Cemented with 225 sxs

Cement Retainer @ 5060'

Mesaverde Perforations:
5110' - 5672'

3.5", 7.7# J-55 Casing @ 5697'

Cemented with 110 sxs
Open Hole sqz'd w/ 300 sxs (1970)

Plug #6: 746' - 646'

Class B cement, 60 sxs:
43 outside and 17 inside

Plug #5: 2163' - 1945'

Class B cement, 96 sxs:
65 outside and 31 inside

Plug #4: 3265' - 2838'
Class B cement, 237 sxs:
183 outside and 54 inside

Plug #3: 3940' - 3840'
Class B cement, 60 sxs:
43 outside and 17 inside

Plug #2: 4526' - 4426'
Class B cement, 17 sxs

Plug #1: 5060' - 4783'
Class B cement, 15 sxs

Nacimiento @ 696' "est

Ojo Alamo @ 1995' "est

Kirtland @ 2113' "est

Fruiland @ 2888' "est

Pictured Cliffs @ 3215'

Chaco @ 3694' "est

Mesaverde @ 4920'

8.75" Hole

4.75" Hole

TD 5747'
PBTD 5680'
COTD 5578'

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 1 Hale

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Mesaverde/5 ½" Casing Shoe plug to 4738'.
 - b) Place the Chacra plug from 3994' – 3894' inside and outside the 5 ½" casing if no cement is present in the annulus.
 - c) Place the Kirtland/Ojo Alamo plug from 2188' – 1964' inside and outside the 5 ½" casing.
 - d) Place the Nacimiento plug from 718' – 618' inside and outside the 5 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.