

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-045-10870
2. Name of Operator Fuller Petroleum, c/o Dugan Production	5. Lease Number Fee
3. Address & Phone No. of Operator PO Box 420, Farmington, NM 87499 505-325-1821	6. State Oil&Gas Lease #
4. Location of Well, Footage, Sec., T, R, M 1450' FSL, 1730' FWL, Sec. 11, T31N, R13W, NMPM, San Juan County	7. Lease Name/Unit Name Nickels
	8. Well No. #1
	9. Pool Name or Wildcat Blanco MV, Basin DK
	10. Elevation: 5703' GL

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

13. Describe Proposed or Completed Operations

Fuller Petroleum plans to plug and abandon this well per the attached procedure.

SIGNATURE

John Alexander
John Alexander

Agent

November 14, 2006

(This space for State Use)

Approved by

H. Villanueva

Title

Date

8

PLUG AND ABANDONMENT PROCEDURE

11/8/06

Nickels #1

Blanco Mesaverde / Basin Dakota
1450' FSL & 1730' FWL, S29, T31N, R13W
San Juan County, New Mexico, API #30-045-10870

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. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOC, BLM, and Fuller safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and LD 1" Mesa Verde tubing string, total 4432'. PU on 1-1/2" Dakota tubing string and release seal assembly from Model D packer at 6475'. TOH and tally Dakota tubing, total 6603'. LD seal assembly. Note fluid level. If necessary use a 2-3/8" tubing workstring. Round-trip a 5-1/2" wireline gauge ring or casing scraper to 6450'.
3. **Plug #1 (Dakota perforations, 6450' – 6400')**: TIH and set a 5-1/2" cement retainer at 6450'. Pressure test tubing to 1000#. Mix 16 sxs Type III cement and spot a balanced plug inside casing above the CR to isolate the Dakota perforations. If using a workstring, then set CIBP in lieu of CR at 6450'. PUH to 5720'.
4. **Plug #2 (Gallup top, 5720' – 5620')**: Mix 23 sxs cement and spot a balanced plug in the casing to cover the top of the Gallup top. TOH with tubing.
5. **Plug #3 (Mesaverde perforations, 4313' – 4263')**: Set a 5-1/2" CR or CIBP at 4313'. Load the casing with water and circulate the well clean. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 16 sxs Type III cement and spot a balanced plug above the CIBP to isolate the Mesa Verde perforations. PUH to 3575'.
6. **Plug #4 (Mesaverde top, ^{Cliff Holes 3575' - 3475'} 3575' – 3575')**: Mix 23 sxs Type III cement and spot a balanced plug in the 5-1/2" casing to cover the top of the Mesaverde top. TOH with tubing.
7. **Plug #5 (Pictured Cliffs top, ^{1995' - 1895'} 1960' – 1860')**: Perforate 3 HSC squeeze holes at 1960'. If the casing pressure tested, then establish rate into squeeze holes. Set a 5-1/2" CR at 1910'. Mix and pump 63 sxs Type III cement, squeeze 40 sxs outside 5-1/2" casing and leave 23 sxs inside casing to cover the Pictured Cliffs top. TOH with tubing.
8. **Plug #6 (Fruitland top, 1610' – 1510')**: Perforate 3 HSC squeeze holes at 1610'. If the casing pressure tested, then establish rate into squeeze holes. Set a 5-1/2" CR at 1560'. Mix and pump 63 sxs Type III cement, squeeze 40 sxs outside 5-1/2" casing and leave 23 sxs inside casing to cover the Fruitland top. TOH and LD tubing.
9. **Plug #7 (Surface casing, 341' – Surface)**: Perforate 3 HSC squeeze holes at 341'. Establish circulation out bradenhead with water. Mix and pump approximately 132 sxs cement down 5-1/2" casing, circulate good cement out the bradenhead valve. Shut in well and WOC overnight.
10. 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.

Nickels #1

Current

Blanco Mesaverde/ Basin Dakota, API #30-045-10870

1450' FSL, 1730' FWL, Section 11, T-31-N, R-13-W

San Juan County, NM

Today's Date: 11/8/06

Spud: 5/2/61

Comp: 5/25/61

Elevation: 5703' GL

Kirtland Behind Casing

11-1/4" Hole

Fruitland @ 1560'

Pictured Cliffs @ 1910'

Mesaverde @ 3525'

Gallup @ 5670'

Dakota @ 6505'

7-7/8" Hole

TD 6700'
PBTD 6675'

8-5/8" 24# Casing set @ 291'
200 sxs cement (Circulated to Surface)

Well History

May '61: Completed DK and MV zones.

Aug '94: Bradenhead - 140#

Nov '00: Bradenhead - 135#

Aug '03: Failed Bradenhead test.

Jul '06: Failed Bradenhead test.

TOC @ 2454' (Calc. 75% eff)

Mesaverde 1" Tubing set at 4432'

Mesaverde Perforations:
4363' - 4434'

DV Tool @ 4770'
2nd stage: 300 sxs (535 cf)

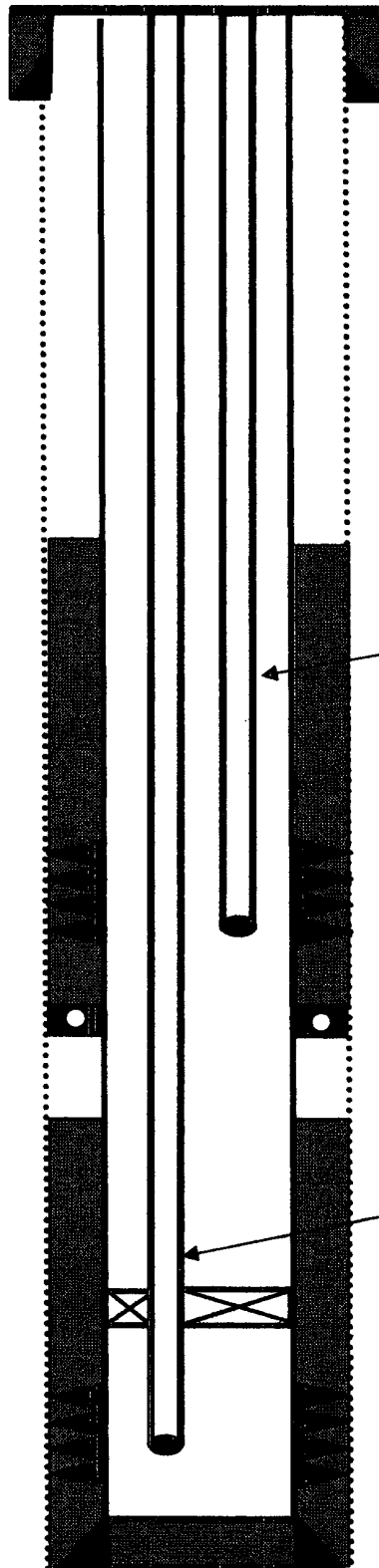
TOC @ 5375' (Calc. 75% eff)

Dakota 1-1/2" Tubing set at 6633'

Baker Model D Packer @ 6475'

Dakota Perforations:
6530' - 6644'

5-1/2" 15.5# Casing at 6700'
1st stage: w/ 200 sxs (306 cf)



Nickels #1

Proposed P & A

Blanco Mesaverde/ Basin Dakota, API #30-045-10870

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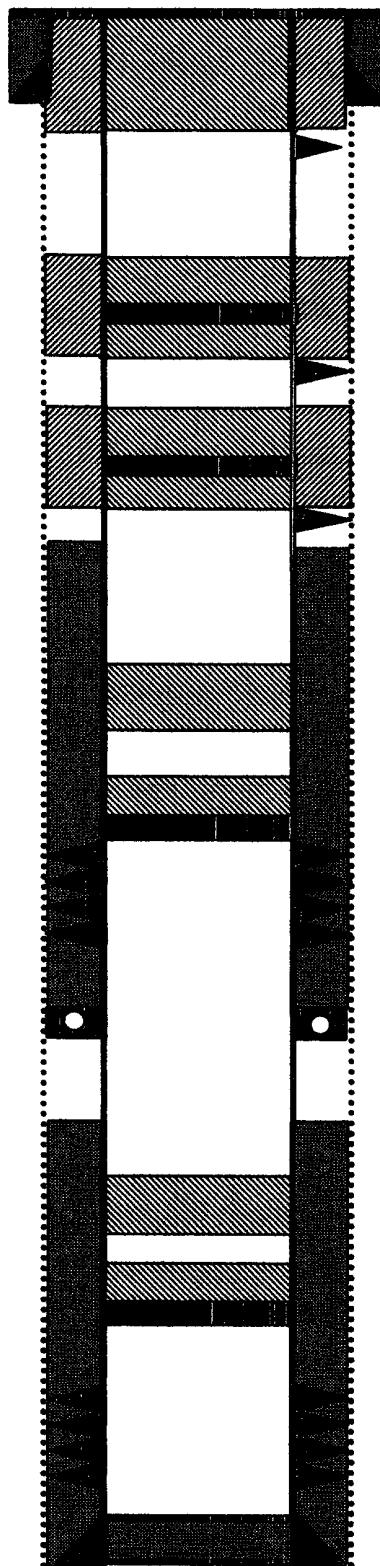
Pictured Cliffs @ 1910'

Mesaverde @ 3525'

Gallup @ 5670'

Dakota @ 6505'

7-7/8" Hole



TD 6700'
PBTD 6675'

8-5/8" 24# Casing set @ 291'
200 sxs cement (Circulated to Surface)

Perforate @ 341'

Plug #7: 341' – Surface
Type III cement with 132 sxs

Plug #6: 1610' – 1510'
Type III cement with 63
sxs, 40 sxs outside casing
and 23 sxs inside.

Cmt Retainer @ 1560'

Perforate @ 1610'

Plug #5: 1960' – 1860'
Type III cement with 63
sxs, 40 sxs outside casing
and 23 sxs inside.

Cmt Retainer @ 1910'

Perforate @ 1960'

TOC @ 2454' (Calc. 75% eff)

Plug #4: 3675' – 3575'
Type III cement with 23 sxs

Plug #3: 4313' – 4263'
Type III cement with 16 sxs

Set CR or CIBP @ 4313'

Mesaverde Perforations:
4363' – 4434'

DV Tool @ 4770'
2nd stage: 300 sxs (535 cf)

TOC @ 5375' (Calc. 75%) Plug #2: 5720' – 5620'
Type III cement with 23 sxs

Plug #1: 6450' – 6400'
Type III cement with 16 sxs

Set Cmt Retainer @ 6450'

Dakota Perforations:
6530' – 6644'

5-1/2" 15.5# Casing at 6700'
1st stage: w/ 200 sxs (306 cf)