

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) 30-039-20867 5. Lease Number Fee 6. State Oil&Gas Lease # 7. Lease Name/Unit Name San Juan 28-6 Unit 8. Well No. 191 9. Pool Name or Wildcat So. Blanco Pict. Cliffs 10. Elevation:
2. Name of Operator BURLINGTON 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 908' FSL, 1850' FEL, Sec. 11, T-27-N, R-6-W, NMPM, Rio Arriba County	


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 Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

(Verbal approval to plug and abandon from Johnny Robinson, OCD 12-9-97)

RECEIVED
DEC 16 1997
OIL CON. DIV.

SIGNATURE  Regulatory Administrator December 9, 1997

(This space for State Use)

Approved by  Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date DEC 16 1997

PLUG AND ABANDONMENT PROCEDURE


12-08-97


San Juan 28-6 Unit #191
So. Blanco Pictured Cliffs
908' FSL and 1850' FEL
SE, Sec. 11, T27N, R6W
Rio Arriba 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.

Well History: Rig currently on well. Found 2-7/8" casing with leaks from 130' to 300'. Backed off 2-7/8" casing at 425' and replaced with new casing of the same size and weight. Cleaned well out and acidized perforations on 12/05/97. Began blowing well, but making only sand and water - no gas.

1. Prepare circulation pit. Comply to all NMOCD, BLM and BROGC safety rules and regulations.
2. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland, and Ojo Alamo tops 2368')** Establish injection rate into perforations if casing tested. Mix and pump 6 sxs Class B cement (20% excess, long plug). Displace with water to 1200', and then WOC. RIH w/ wireline and tag cement. Pressure test casing to 1000#. 3098'
3. **Plug #2 (Nacimiento top, 1044' - 944')**: Perforate 2 holes at 1044'. Establish circulation rate into squeeze holes if casing tested. PU 2-7/8" wireline cement retainer and RIH; set at 994'. RIH with tubing, sting into retainer and then establish rate into squeeze holes. Mix 54 sxs Class B cement (100% excess outside csg, 50' excess inside csg) and squeeze 50 sxs cement outside 2-7/8" casing and leave 4 sxs cement inside casing to cover Nacimiento top. POH and LD tubing and stinger. 63
4. **Plug #3 (180' - Surface)**: Perforate 2 holes at 180'. Establish circulation rate into squeeze holes if casing tested. Mix and pump approximately 53 sxs Class B cement down 2-7/8" casing from 180' to surface, circulate good cement out bradenhead valve. POH and LD tubing. Shut in well and WOC.
5. ND BOP and cut off well head 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.

Recommended: 
Operations Engineer

Approval: 
Drilling Superintendent

SAN JUAN 28-6 UNIT #191

CURRENT

SO. BLANCO PICTURED CLIFFS

908' FSL, 1850' FEL,

SE SECTION 11, T-27-N, R-06-W, RIO ARRIBA COUNTY, NM

LATITUDE/LONGITUDE: 36°35.0299' / 107°25.9973'

Page
Date
By

TODAY'S DATE: 12/08/97

12-1/4" HOLE

SPUD: 05/14/74

COMPLETED: 09/11/74

ELEVATION: 6290' (GL)

6301' (KB)

LOGS: CDL- ER, IEL,

TEMP. SURVEY

WORKOVERS: NONE

NACIMIENTO @ 994'

8-5/8", 24.0#, J-55, 8rd Csg.
SET @ 130', CMTD W/ 112 CF
(CIRCULATED TO SURFACE)

PIPELINE

OWNERSHIP

GW: 58.61%
NRI: 43.68%
TRUST: 0.00%

OIL

0.0 MBO
0.0 BPD

GAS

258.8 MMCF
0.0 MCFD

PRODUCTION HISTORY

CUMULATIVE:
CURRENT:

OJO ALAMO @ 2418'

KIRTLAND @ 2490'

FRUITLAND @ 2808'

PICTURED CLIFFS @ 3035'

TOC @ 1850' (TS)

CHANGED DRILL BITS FROM 7-7/8" TO
6-3/4" @ 2095'

7-7/8" HOLE

PICTURED CLIFFS PERFORATIONS:
3038'-3098' (47 HOLES)

PBTD = 3163'

TD = 3174'

6-3/4" HOLE

2-7/8", 6.4#, H-40 Csg SET @ 3174'
CMTD W/ 360 CF, BAFFLE @ 3163'.

BURLINGTON
RESOURCES

ENGINEERING CALCULATION SHEET

BR-0139 (7-96)

INITIAL POTENTIAL

INITIAL AOF: 674 MCFD (9/74)
CURRENT SICP: N/A

28 26 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

SAN JUAN 28-6 UNIT #191

~~CURRENT~~ PROPOSED

So. BLANCO PICTURED CLIFFS

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SE SECTION 11, T-27-N, R-06-W, RIO ARRIBA COUNTY, NM

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SPUD: 05/14/74

COMPLETED: 09/11/74

ELEVATION: 6290' (GL)

6301' (KB)

LOGS: CDL- GR, IEL,
TEMP. SURVEY

WORKOVERS: NONE

180'

944'

1044'

7-7/8" HOLE

2368'

OJO ALAMO @ 2418'

KIRTLAND @ 2490'

FRUITLAND @ 2808'

PICTURED CLIFFS @ 3035'

PBTD = 3163'

6-3/4" HOLE

TD = 3174'

8-5/8", 24.0#, J-55, 8rd CSG.
SET @ 130', CMTD W/ 112 CF
(CIRCULATED TO SURFACE)
2 PERFS @ 180'

PLUG #3: 180'-SURFACE,
CMTD W/ 53 SX CLASS B CMT

PLUG #2: 1044'-944',
CMTD W/ 54 SX CLASS B CMT

CR @ 994'

2 PERFS @ 1044'
TOC @ 1850' (TS)

CHANGED DRILL BITS FROM 7-7/8" TO
6-3/4" @ 2095'

PLUG #1: 3098-2368',
CMTD W/ 63SX CLASS B CMT
(20% EXCESS, LONG PLUG)

PICTURED CLIFFS PERFORATIONS:
3038'-3098' (47 HOLES)

2-7/8", 6.4#, H-40 CSG SET @ 3174'
CMTD W/ 360 CF, BAFFLE @ 3163'

PIPELINE

EPNG

OWNERSHIP

GW: 58.61%
NR: 43.68%
TRUST: 0.00%

OIL

0.0 MBO
0.0 BPD

GAS

258.8 MMCF
0.0 MCFD

PRODUCTION HISTORY

CUMULATIVE:
CURRENT:

INITIAL POTENTIAL

INITIAL AOF: 674 MCFD (9/74)
CURRENT SICP: N/A

BURLINGTON
RESOURCES

ENGINEERING CALCULATION SHEET

BR 0139 (7-96)

Page
Date
By