

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT"-for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PURE RESOURCES

3. Address and Telephone No.

P.O. BOX 850 - BLOOMFIELD, NM 87413

4. Location of Well (Footage, Sec., T., R., or Survey Description)

660' FSL & 1975' FEL

"O", Sec 18, T25N - R10W

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 020307

6. If Indian, Alutian or Tribe Name

Navajo

7. If Unit or CA. Agreement Designation

8. Well Name and No.

Navajo 018 - # 10

9. API Well No.

30-045-30936

10. Field and Pool, or Exploration Area

Basin Dakota

11. County or Parish, State

San Juan, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- | | |
|---|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <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 checked="" type="checkbox"/> Other <u>Drilling</u> | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completions or Recompletions Reports and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)*

See Attached

- Please Provide cement top for 4 1/2" casing with completion report.

RECEIVED
AUG 12 2002
FARMINGTON FIELD OFFICE

14.

Signed

Mike Phillips
Mike Phillips

Title

SAN JUAN BASIN DRILLING/PRODUCTION FOREMAN

Date

08/06/02

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

AUG 12 2002

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Sections 1001, makes is a crime for any person knowingly and willfully to make to any department or agency of the united states of false, fictitious or fraudulent state of representations as to any matter within its jurisdictions.

*See Instructions on Reverse Side

NMOCD

NAVJAG DEPT

Pure Resources, Inc.
Well History

NAVAJO O-18 #10 - 100% WI From 1/1/1920 through 8/6/2002

Well Name NAVAJO O-18 #10 - 100% WI

Lease Well 522290-D010

State: NM

County: SAN JUAN

7/26/2002 MIRU AZTEC WELL SERVICE RIG #545. HELD SAFETY MTG. DRLG RAT & MOUSE HOLES. DRLG 12-1/4" HOLE F/ 15-200' W/ ALL WT, 80-85 RPM, 800 PSI, SPUD MUD. WLS @ 160' - 1/2 DEG. DRLG 12-1/4" HOLE F/ 200-392' W/ ALL 25, 80-85 RPM, 800 PSI, SPUD MUD. CIRC HOLE CLEAN. WLS @ 352' - 1/2 DEG. POOH TO RUN CSG. RIG TO RUN 9-5/8" CSG.

7/27/2002 RUN 9 JTS 9-5/8" 32.3# (372.01') CSG. SET @ 389'. TOP INSERT @ 347'. CMT W/ B.J. PUMP 10 BW F/B 225 SX "B" 2% CACL2, .25# CELLOFLAKE. DROP PLUG & DISPLACE W/ 29 BBLS FW. CIRC 30 BBLS GOOD CMT TO PIT. PD 8:30. WAITING ON CMT. BACK OFF LANDING JT & NU BOPE. TEST CSG & BOPE TO 600 PSI. BLM REP ON LOCATION DURING TEST. MU BHA & TIH. TAG CMT @ 345'. XO KELLY & REPAIR BRAKES.

7/28/2002 DRLG PLUG, INSERT & CMT TO 392'. DRLG 8-3/4" HOLE F/ 392-926' W/ 15-45K, 65-85 RPM, 1250 PSI, 335 GPM. SURVEY & RIG SERVICE. SURVEY @ 886' - 3/4 DEG. DRLG F/ 926-1423' W/ 40-45K, 75-85 RPM, 1300 PSI, 335 GPM. SURVEY & RIG SERVICE. SURVEY @ 1383' - 1/2 DEG. DRLG F/ 1423-1498' W/ 40-45K, 75-85 RPM, 1350 PSI, 335 GPM. CIRC HOLE CLEAN. POOH, MU CORE TOOLS & TIH TO 1360' - TAG UP. WASH F/ 1360-1498'. CIRC HOLE CLEAN. DROP BALL & CORE F/ 1498-1528'. CUT 29'. FRUITLAND (BAISAL COAL) - PICTURED CLIFFS. POOH W/ CORE (CHAIN OUT).

7/29/2002 POOH, LD CORE. CUT 29', RECOVERED 26'. LOAD OUT CORE TOOLS. MU BHA & TIH TO 1498'. REAM OUT CORE RUN F/ 1498-1527'. DRLG F/ 1527-1916' W/ 40-45K, 75-85 RPM. SURVEY - RIG SERVICE. WLS @ 1876' - 3/4 DEG. DRLG F/ 1916-2412' W/ 40-45K, 75-85 RPM. WLS @ 2372' - 1-1/4 DEG. DRLG F/ 2412-2740' W/ 40-45K, 75-85 RPM.

7/30/2002 DRLG F/ 2740-2906' W/ 40-45K, 75-85 RPM. WLS @ 2866' - 3/4 DEG. DRLG F/ 2906-3113' W/ 40-45K, 75-85 RPM. WIPE HOLE F/ 3113-1700'. WASH F/ 3067-3113'. CIRC HOLE CLEAN. POOH W/ DP. RU & RUN 75 JTS (3090') 7" 20# K-55 STC CSG. MAKE UP HANGER & RUNNING TOOL. RU TO CMT. PUMP 20 BBLS CHEMICAL WASH, 10 BW, 400 SX LEAD: 884 FT3) @ 12.1 PPG. TAIL W/ 80 SX (111 FT3) @ 14.6 PPG, 5 BPM, 287 PSI. DROP PLUG & DISPLACE W/ 124 BW @ 5 BPM, 1370 PSI. BUMP PLUG W/ 1925 PSI - FLOATS HELD. CIRC 54 BBLS CMT TO PIT.

7/31/2002 SET SLIPS W/ 60K. NU "B" SECTION & BOPE. TEST CSG, PIPE & BLIND RAMS & CHOKE TO 1500 PSI. BLM REP ON LOCATION. CUT DRLG LINE. PU BHA & TIH. TAG PLUG @ 3055'. DRLG PLUG, CMT, FC, CMT & SHOE TO 3113'. DRLG 6-1/4" HOLE F/ 3113-3404' W/ 15-20K, 70-80 RPM. RIG SERVICE. WLS @ 3364' - 1/4 DEG. DRLG F/ 3404-3670' W/ 15-20K, 70-80 RPM.

8/1/2002 DRLG F/ 3670-3899' W/ 18-22K, 70-85 RPM, 1100 PSI. WLS @ 3859' - 1/2 DEG. DRLG F/ 4330-4392' W/ 18-22K, 70-85 RPM, 1175 PSI. WLS @ 4352' - 3/4 DEG. DRLG F/ 4392-4892' W/ 18-22K, 70-85 RPM, 1200 PSI. WLS @ 4892' - 1 DEG. DRLG F/ 4892-5360' W/ 18-22K, 85-100 RPM, 1250 PSI.

8/2/2002 WLS @ 5350' - 1-1/2 DEG. DRLG F/ 5360-5889' W/ 18-22K, 85-95 RPM. WLS @ 5849' - 1 DEG. DRLG F/ 5889-6070' W/ 18-22K, 85-95 RPM. TAG BRIDGE @ 5570' - CLEAN OUT BRIDGE. DRLG F/ 6070-6085' W/ 25-28K, 60-65 RPM IN DAKOTA FORMATION.

8/3/2002 DRLG F/ 6070-6108' W/ 25-28K, 60-65 RPM, 1200 PSI, 222 GPM. RIG SERVICE. DRLG F/ 6108-6228' W/ 25-28K, 60-65 RPM, 1200 PSI, 222 GPM. CIRC SAMPLES. DRLG F/ 6228-6233' W/ 25-28K, 60-65 RPM, 1200 PSI, 222 GPM. WIPE HOLE 20 STANDS (6233-4945'). SPOT 5% LCM IN HOLE. RIG TO RUN 4-1/2" CSG. RUN 4-1/2" CSG.

8/4/2002 RAN 142 JTS & 1 PC (6219') 4-1/2" 11.6# N-80 CSG SET @ 6232'. TOP FC @ 6186'. CIRC HOLE & WORK PIPE. CMT W/ B.J. PUMP 10 BBLS GEL WATER, 10 BBLS WATER F/B 50 SX (118 FT3) PREM LITE HIGH STRENGTH @ 11.9 PPG @ 5 BPM, 540 PSI. TAIL W/ 550 SX (1111 FT3) PREM LITE HS @ 5 BPM, 540 PSI. DROP PLUG & DISPLACE W/ 96.2 BW. LOST RETURNS - 47 BBLS INTO DISPLACEMENT. SLOWED RATE TO 1 BPM & WORKED PIPE - NO DRAG. PRESSURE @ 560 PSI. FINAL RATE 1 BPM, FINAL PRESS 1235 PSI. BUMP PLUG TO 1750 - FLOATS HELD. PD 11:45 AM. SET SLIPS W/ 70,000#, CUT OFF CSG, CLEAN PITS. RIG RELEASED @ 3:45 PM 8/3/02.

**TUBING BREAKDOWN AS OF
ROD BREAKDOWN AS OF
FAILURES AS OF**

CASING HISTORY REPORT

SURFACE LEVEL

Location 660' FSL & 1980' FEL, SEC 18, 25N, 10W

TD Date 7/29/2002

TD Hole

Total Depth: 3113

Hole 8-3/4"

Joints	Joint Description	Total	Running
74	7" 20# K-55 STC CSG	3048.51	3048.51
	FLOAT COLLAR	1.00	3049.51
	FLOAT COLLAR	1.00	3050.51
	SAWTOOTH COLLAR	1.00	3051.51
	KB	14.00	3065.51
1	7" 20# K-55 STC CSG	41.40	3106.91

75 Total Joints Ran

3106.91

Cemented as

Top Cement:

Stage 1 - 400 SX PREM LITE W/ 2% CACL2, .25 PPS FLOCELE, 2% PHENO-SEAL MIXED @ 12.1 GAL/SK (YLD:2.21, WT:12.10)

Tail: 80 SX TYPE 111 W/ 2% CACL2, .25% CELLOFLAKE MIXED @ 6.67 GAL/SK (YLD:1.39, WT:14.60)

Comment

1st INTERMEDIATE LEVEL

Location 660' FSL & 1980' FEL, SEC 18, 25N, 10W

TD Date 8/2/2002

TD Hole

Total Depth: 6233

Hole 6-1/4"

Joints	Joint Description	Total	Running
	PIECE 4-1/2" 11.6# N-80 LTC CSG	5.25	5.25
	FLOAT COLLAR	1.00	6.25
1	4-1/2" 11.6# N-80 LTC CSG	44.24	50.49
	FLOAT COLLAR	1.00	51.49
	SAWTOOTH COLLAR	1.00	52.49
141	4-1/2" 11.6# N-80 LTC CSG	6164.86	6217.35
	KB	15.00	6232.35

142 Total Joints Ran

6232.35

Cemented as

Top Cement:

Stage 1 - 50 SX TYPE 111 PREM LITE HIGH STRENGTH W/ 2% CACL2, 5 PPS LCM-1, .25 PPS CF, 1% FL-52, .3% CD-32, .3% R-3 MIXED @ 12.7 GAL/SK (YLD:2.37, WT:11.90)

Tail: 550 SX TYPE 111 PREM LITE HIGH STRENGTH W/ 2% CACL2, 5 PPS LCM-1, .25 PPS CF, 1% FL-52, .3% CD-32, .3% R-3 MIXED @ 10.11 GAL/SK (YLD:2.02, WT:12.50)

Comment