

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

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.
SF-078625

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.
HOT SOUP #1

9. API Well No.
30-045-29589

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State
San Juan, New Mexico

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Robert L. Bayless, Producer LLC

3. Address and Telephone No.
PO Box 168 Farmington, NM 87499 (505)326-2659

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Section 18, T27N, R8W 1190 FSL & 1065 FWL

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

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other TD, Log, run casing,
cement casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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

Please see attached morning report.

RECEIVED
OCT 13 1998
OIL CON. DIV.
DIST. 3

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

Signed Kevin H. McCord Title Petroleum Engineer Date September 29, 1998

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

*See Instruction on Reverse Side

ACCEPTED FOR RECORD

OCT 13 1998

FARMINGTON DISTRICT OFFICE
BY [Signature]

REMOVED

7 11

ROBERT L. BAYLESS

Hot Soup #1
1190 FSL & 1065 FWL
SECTION 18, T27N, R8W

MORNING REPORT-DRILLING

9/10/98

Move L&B SpeedDrill onto location and rig up. Spud well at 9:00 am on 9/9/98. Drill 8 3/4" hole to 130 feet and circulate hole clean. Drop survey and trip out of hole. Deviation 1/4° at 130 feet. Run 121.65 feet (3 joints) of 7" 23.0 #/ft J-55 casing and land at 127 feet KB. Rig up Cementer's Inc and cement casing with 10 bbls flush followed by 60sx (70.8 cf) Class B cement with 3% CaCl. Good returns throughout job with 4 bbls good cement circulated to surface. Plug down at 5:00 pm, 9/9/98. WOC.

9/11/98

Nipple up BOP and pressure test wellhead, BOP, and choke manifold to 600 psi, held OK. Wait on new drilling line, down for repair.

9/12/98

Drill 6 1/4" to 620 feet. Circulate hole clean. Run deviation survey, 1/2° at 620 feet. Shut down overnight.

9/13/98

Continue drilling to 1050 feet. Circulate hole clean and shut down for weekend.

9/14/98

No activity.

9/15/98

Try to drill ahead, bit worn out. Circulate hole clean and drop survey tool. Trip out of hole. Deviation is 3/4° at 1050 feet. Trip in hole and continue drilling to 1300 feet. Circulate hole clean and shut down overnight.

9/16/98

Continue drilling to 1500 feet. Circulate hole clean and run survey. Deviation is 3/4° at 1500 feet. Continue drilling to 1600 feet and circulate hole clean. Shut down overnight.

9/17/98

Trip out of hole for bit change. Trip in hole and continue drilling to 1850 feet. Pull off bottom and circulate hole clean. Shut down overnight.

9/18/98

Continue drilling to 2000 feet and circulate hole clean. Run survey, deviation 3/4° at 2000 feet. Continue drilling to 2130 feet. Circulate hole clean and shut down overnight.

9/19/98

Continue drilling to 2360 feet. Circulate hole clean and shut down overnight.

9/20/98

Drill to 2400 feet total depth. Circulate and condition hole for logs. Drop survey tool and trip out of hole. Deviation 1° at 2400 feet. Rig up HLS and attempt to log well. Tag bridge at 961 feet. Trip bit in to 1250 feet and circulate hole clean. Trip out and rig up HLS. Tag bridge at 1182 feet. Rig down HLS and shut down overnight.

9/21/98

Move drillpipe out and spot casing. Rig up San Juan casing and run 4 ½" 10.50 #/ft J-55 new Conduvan casing as follows:

KB to landing point	2.00 feet	0 – 2 feet
53 joints casing	2348.84 feet	2 – 2351 feet
Insert Float	0.00 feet	2351 – 2351 feet
Shoe joint	44.33 feet	2351 – 2395 feet
Guide shoe	<u>0.70 feet</u>	2395 – 2396 feet
	2395.87 feet	

Circulate for 1 hour, good returns. Rig up Cementer's Inc and cement casing as follows:

Flush	10 bbls fresh water
Lead	160 sx (329.6 cf) Class B w/ 2% econolite and ¼ #/sx flocele
Tail	80 sx (94.4 cf) Class B w/ ¼ #/sx flocele
Displacement	37.5 bbls fresh water

Lost returns at 140 sx of lead cement pumped. Play with rate from 2 bpm to 5 bpm and move pipe to establish circulation. Pressure climbed to 1400 psi and broke back to 300 psi. At 17 bbls into displacement, regain returns for three bbls. Pressure climbed to 1400 psi and lost returns at 20 bbls pumped. Complete displacement and bump plug to 1800 psi, plug down at 12:00 noon, 9/20/98. Call for temperature survey and shut down overnight.

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

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.
SF-078625

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.
HOT SOUP #1

9. API Well No.
30-045-29589

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State
San Juan, New Mexico

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Robert L. Bayless, Producer LLC

3. Address and Telephone No.
PO Box 168 Farmington, NM 87499 (505)326-2659

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Section 18, T27N, R8W 1190 FSL & 1065 FWL

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

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Completion

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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

Please see attached completion report.

RECEIVED
OCT 13 1998
OIL CON. DIV.
DIST. 3

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

Signed Kevin H. McCord Title Petroleum Engineer Date October 2, 1998

Kevin H. McCord

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

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

*See Instruction on Reverse Side

ACCEPTED FOR RECORD

OCT 13 1998

FARMINGTON DISTRICT OFFICE

BY [Signature]

ROBERT L. BAYLESS
HOT SOUP #1
1190 FSL & 1065 FWL (SWSW)
SECTION 18, T27N, R8W

COMPLETION REPORT

9-24-98 Move in and rig up JC Well Service completion rig. Nipple up wellhead and BOP. Rigged up Blue Jet Wireline services and Cementers Inc pump truck. Ran GR-CLL-CNL and GR-CLL-CBL (under 500 psi) from 2358 ft RKB PBD to 1100 ft. Good cement bond throughout completion intervals, top of cement at 1844 ft. Pressure tested casing to 3000 psi, held OK. Perforated the Fruitland Coal interval from the CNL log with 3 1/8" casing gun at 2 JSPF as follows:

2062 - 2066 ft	4 ft	8 holes	
2100 - 2114 ft	14 ft	28 holes	
2144 - 2150 ft	6 ft	12 holes	
2160 - 2164 ft	4 ft	8 holes	
<u>2172 - 2186 ft</u>	<u>14 ft</u>	<u>28 holes</u>	
Total	42 ft	84 holes	.34" diameter

Pick up Arrow Completion packer and 2 3/8" tubing. Trip packer and tubing to 2186 ft. Shut down for the night.

9-25-98 Rigged up Dowell. Spot 250 gallons of 7 1/2% HCl acid across perforation interval. Move tubing and packer to 2130 ft and set packer (between upper and lower Fruitland Coal perforation intervals). Broke down lower Fruitland Coal intervals (2144 - 2186) @ 1700 psi. Established an injection rate of 3.3 BPM @ 1080 psi, ISIP of 550 psi (0.69 frac gradient). Broke down upper Fruitland Coal intervals down the annulus immediately. Established an injection rate of 3.1 BPM @ 1500 psi, ISIP of 850 psi (0.84 frac gradient). Moved tubing and packer to 1946 ft and set packer (above both sets of Fruitland Coal perforations). Acidized the entire Fruitland Coal interval with 500 gallons of 7.5% DI weighted HCL acid containing 126 1.1 sg RCN ball sealers down the tubing at 3.1 BPM @ 1000 psi. Saw good ball action and casing balled off to 4000 psi. Tripped tubing and packer to PBD to knock ball sealers off of perforations. Trip tubing and packer out of hole. Fracture stimulated the Fruitland Coal interval with 53,000 gallons of 70 quality foam using 30# linear gelled fluid containing 105,000 lbs of 20-40 mesh Arizona sand as follows:

15,000 gals of 70 qual foam pad	30 BPM @ 1720 psi
5,000 gals of 70 qual foam with 1 ppg 20-40 sand	30 BPM @ 1750 psi
10,000 gals of 70 qual foam with 2 ppg 20-40 sand	30 BPM @ 1800 psi
15,000 gals of 70 qual foam with 3 ppg 20-40 sand	30 BPM @ 1800 psi
5,000 gals of 70 qual foam with 4 ppg 20-40 sand	30 BPM @ 1850 psi
3,000 gals of 70 qual foam with 5 ppg 20-40 sand	30 BPM @ 1850 psi
1,300 gals of 70 qual foam flush	30 BPM @ 1850 psi

ISIP = 1500 psi decreasing to 1350 psi after 15 minutes. All water contained 2% KCL, 1/2 gal/1000 clay stabilization agent, and bactericide. Average rate 30 BPM, average

pressure 1800 psi, maximum pressure 1850 psi, minimum pressure 1700 psi, average nitrogen rate 11,500 scfm, total nitrogen pumped 528,000 scf, total fluid to recover 432 bbls. Shut well in for 3 hours. Blow well back to pit through a 1/4" inline choke. Well flowing to cleanup. Shut down for the weekend.

9-26-98 Well flowing to the pit. Rig is shut down for the weekend.

9-27-98 Well flowing to the pit. Rig is shut down for the weekend.

9-28-98 Well is still flowing to the pit this morning. Killed well. Trip in hole with tubing and tagged sand fill at 2327 ft (below all perforations). Trip tubing out of hole. Rigged up Blue Jet wireline. Set drillable cast iron bridgeplug at 2000 ft. Rigged up Cementers Inc. pump truck and pressure tested bridgeplug to 2000 psi, held OK. Perforated 2 squeeze holes at 1800 ft. Established circulation to surface through squeeze holes. Cemented well from 1800 ft to surface with 200 sx (412 ft³) of class B cement with 2% econolite tailed by 60 sx (71 ft³) of class B cement with 2% CaCl. Good circulation to surface throughout job. Circulated 1/2 barrel of cement to the surface. Shut down and squeezed perforations to 2000 psi. Shut in well and shut down for the night.

9-29-98 Trip out of hole with tubing and packer. Trip in hole with bit on tubing. Tag cement at 1637 ft. Drilled 168 ft of cement and fell through at 1805 ft. Rigged up rig pump and pressure tested casing to 1000 psi, held OK. Shut in well. Shut down for the night.

9-30-98 Trip in hole and tag bridgeplug at 2000 ft. Drilled on bridgeplug, not making much progress. Trip out of hole and replaced dulled bit. Trip in hole and continue drilling on bridgeplug. Lost circulation. Shut in well. Shut down for the night.

10-1-98 Overnight pressure of 300 psi on casing. Bleed down pressure. Finish drilling bridgeplug without circulation. Trip in hole and tag fill at 2327 ft (141 ft of rathole). Trip tubing and bit out of hole. Trip in hole with tubing and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0-3
2 3/8" tubing subs	16.00	3-19
67 jts of 2 3/8" 4.7#/ft J55 EUE		
yellow band used tubing	2135.36	19-2154
1 seating nipple	1.10	2154-2155
1 jt of 2 3/8" used tubing	<u>28.62</u>	2155-2184
	2184.08	

Nipple down BOP and nipple up wellhead. Rigged to swab. Made 7 swab runs and well started flowing. Left well flowing to pit. Shut down for the night.

10-2-98 Well died overnight. Shut in casing pressure was 330 psi. Rigged to swab. Made 2 swab runs and kicked well off flowing again. Left well flowing to pit. Released rig. End of Report.