Form 3160-5
(June 1990)

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

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

5. Lease Designation and Serial No.: SF-078625
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA. Agreement Designation:

RECEIVED
OCT 15 1998
OIL CON. DIV.
DIST. 3

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
8. Well Name and No.: HOT SOUP #1
2. Name of Operator: Robert L. Bayless, Producer LLC
9. API Well No.: 30-045-29589
3. Address and Telephone No.: PO Box 168 Farmington, NM 87499 (505)326-2659
10. Field and Pool, or Exploratory Area: BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): Section 18, T27N, R8W 1190 FSL & 1065 FWL
11. County or Parish, State: San Juan, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
	[ ] Plugging Back	[ ] Non-Routine Fracturing
[X] Subsequent Report	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
[ ] Final Abandonment Notice	[X] Other Completion	[ ] 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.

070 FARMINGTON, NM
98 OCT 13 AM 8:46
RECEIVED
BLM

ENTERED
AFMSS
OCT 13 1998
BY

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

NMOCD

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 PBTD 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	
2172 - 2186 ft	14 ft	28 holes	
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 ½% 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 PBTD 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, ½ gal/1000 clay stabilization agent, and bacteriacide. 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 ½ 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:

Description	Length	Depth
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	28.62	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.