Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
SF 078841-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

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

8. Well Name and No.
HAZEL BOLACK 10 #2

2. Name of Operator
Robert L. Bayless

9. API Well No.
30-045-30688

3a Address
PO Box 168, Farmington, NM 87499

3b. Phone No. *(include area code)*
(505) 326-2659

10. Field and Pool, or Exploratory Area
BLANCO MESA VERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
850' FSL & 1190' FEL, Sec. 10, T30N, R11W

11. County or Parish, State
SAN JUAN, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Completion
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

SEE ATTACHED COMPLETION REPORT.

DEC 2001
RECEIVED
OIL CON. DIV.
DIST. 3

07 NOV 2001 12:33

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

Name *(Printed/Typed)* **KEVIN H. MCCORD** Title **ENGINEER**

Signature Kevin H. McCord Date **11/06/01**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by | Title | Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operation thereon. | Office | FOR RECORD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

FARMINGTON FIELD OFFICE

ROBERT L. BAYLESS, PRODUCER LLC

HAZEL BOLACK #10-2

850 FSL & 1190 FEL (SESE)
SECTION 10, T30N, R11W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

10/25/01 Rigged up Blue Jet Wireline Service. Run Gas Spectrum Log (GSL) from 4823 to 1800 ft. Ran GR-CLL-CBL from 4823 to 1600 ft. Had good cement bond across Mesaverde perforation interval. Top of cement is 1850 ft. Need to drill cement to get more rat hole. Shut in well. Wait on completion rig.

10/26/01 Wait on completion rig.

10/27/01 Move in and rig up Aztec Well Service rig 481. Nipple up wellhead. Nipple up BOP. Pick up 3 7/8" drag bit and 2 3/8" tubing. Tagged cement at 4839 ft. Drilled 36 ft of cement and float collar in casing to 4875 ft PBTD. Shut down for the weekend.

10/28/01 Shut down, Sunday.

10/29/01 Rigged up American Energy Services pump truck. Pressure test casing and wellhead to 2500 psi, held OK. Circulate hole clean with 2% KCl water. Spotted 250 gallons of 15% HCl acid across Point Lookout perforation interval. Trip tubing and bit out of hole. Rigged up Blue Jet wireline. Selectively perforated the Point Lookout interval with 20 .32" diameter holes as follows: (depths from GSL log)

4599	4611	4630	4648	4664	4702	4794
4605	4619	4634	4654	4675	4741	4812
4608	4625	4637	4658	4680	4784	

Total 20 holes

Trip in hole with Weatherford Completion Systems Strataset PPI tool on tubing. Pressure tested PPI tool above perforation interval, held 3000 psi. Selectively broke down the Point Lookout intervals and acidized with 1000 gallons of 15% HCl acid (1 barrel per perforation) as follows:

	Packers				
Perforations	Top	Bottom	Breakdown	Pump-in	ISIP
4812	4805	4815	pump-in	2.6 BPM @ 1200 psi	0 psi
4794	4789	4799	pump-in	3.5 BPM @ 0 psi	0 psi
4784	4779	4789	pump-in	3.6 BPM @ 150 psi	0 psi

4741	4736	4746	pump-in	3.6 BPM @ 1600 psi	0 psi
4702	4697	4707	2200 psi	2.7 BPM @ 2000 psi	0 psi
4675,4680	4672	4682	2200 psi	3.5 BPM @ 1300 psi	0 psi
4658,4664	4656	4666	pump-in	3.4 BPM @ 1000 psi	0 psi
4648,4654	4646	4656	pump-in	3.5 BPM @ 1150 psi	0 psi
4630,4634,4637	4628	4638	pump-in	3.5 BPM @ 1600 psi	0 psi
4619,4625	4617	4627	pump-in	3.4 BPM @ 900 psi	0 psi
4608,4611	4604	4614	pump-in	3.6 BPM @ 700 psi	0 psi
4599,4605	4597	4607	pump-in	3.5 BPM @ 1000 psi	0 psi

Pressure tested PPI tool to 3000 psi above perforation interval, bled down to 0 psi in 3 minutes. Trip tubing and PPI tool out of hole. Shut down for the night.

10/30/01 Rigged up American Energy Services. Fracture stimulated the Point Lookout interval down casing with 90,000 gallons of slickwater containing 90,000 lbs of 20/40 mesh sand proppant as follows:

22,000 gals of slickwater pad	45 BPM @ 1750-1850 psi
25,500 gals of ½ & 1 ppg 20/40 sand	45 BPM @ 1600-1100 psi
33,500 gals of 1½ ppg 20/40 sand	45 BPM @ 1000-1400 psi
9,000 gals of 2 ppg 20/40 sand	45 BPM @ 1500-2000 psi
3,070 gals of slickwater flush	45 BPM @ 2200-2500 psi

ISIP = 600 psi, decreasing to 50 psi after 15 minutes. Average rate 45 BPM, average pressure 1500 psi, maximum pressure 2500 psi, minimum pressure 1000 psi. All water contained 2% KCL and ½ gal/1000 clay stabilization agent. Load to recover is 2220 barrels of water. Rigged up Blue Jet wireline. Set drillable cast iron bridge at 4595 ft. Pressure tested bridge plug to 2500 psi, held OK. Selectively perforated the Menefee interval with 20 .32" diameter holes as follows: (depths from GSL log)

4393	4407	4439	4448	4520	4573	4581
4395	4409	4442	4451	4525	4576	4585
4397	4411	4445	4453	4569	4579	

Total 20 holes

Shut in well, shut down for the night.

10/31/01 Trip in hole with Weatherford Completion Systems Strataset PPI tool on tubing. Rigged up American Energy Services pump truck. Attempted to pressure tested PPI tool above perforation interval, would not hold pressure. Spotted 300 gallons of 15% HCl acid across Menefee perforation interval. Tripped tubing and PPI tool out of hole. Broke down Menefee perforations at 800 psi. Established injection rate down casing of 6.3 BPM @ 600 psi, ISIP of 0 psi. Acidized Menefee perforations with 1000 gallons of 15% HCl acid containing 40 1.1 sg RCN ball sealers. Saw very little pressure break and ball

Description	Length	Depth
GL to landing point	8.00	0 - 8
152 jts of 2 3/8" 4.7#/ft J55 EUE yellow band tubing	4770.75	8 - 4779
1 seating nipple	1.10	4779 - 4780
1 jt of 2 3/8" tubing	31.51	4780 - 4811
	4811.36	

Nipple down BOP. Nipple up wellhead. Shut in well, released rig. Job complete.