Form 3160-5

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993

(June 1990) 5. Lease Designation and Serial No. BUREAU OF LAND MANAGEMENT NM-020498-A SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name 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 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well 8. Well Name and No. Oil Well X Gas Well Other Horn Canyon #1 2. Name of Operator 9. API Well No. Robert L. Bayless 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area (5050 326-2659 P O Box 168 Farmington, NM 87499 Fulcher Kutz PC 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1190' FNL & 1055' FWL San Juan, NM Section 15, T28N, R11W CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent Abandonment New Construction Recompletion Non-Routine Fracturing X Subsequent Report Plugging Back Water Shut-Off Casing Repair Conversion to Injection Altering Casing Final Abandonment Notice  $_{Other}Reached\ TD,\ log,\ run\ \&$ Dispose Water (Note: Report results of multiple completion on Well cement production casing Completion or Recompletion Report 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 depths for all markers and zones pertinent to this work.)\* See attached report. Petroleum Engineer Title (This space for Federal or State office use CCEPTED FOR RECORD Title Approved by \_\_\_\_\_\_\_ 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 lease, licitisms of fraudulent statements or representations as to any matter within its jurisdiction.

Robert L. Bayless
Horn Canyon #1
1190' FNL & 1055' FWL
Sec. 15, T28N, R11W
San Juan County, NM

# DRILLING REPORT

### 7/26/95

Move in L & B Speeddrill and rig up. Spud 12 1/4" surface hole at 4:00 pm. TD surface hole at .125 ft at 8:00 pm. Circulate and condition hole for casing. Shut down overnight.

# 7/27/95

Circulate hole clean and drop survey tool. Trip out of hole, survey is 1/4 at 125 ft. Run 6 jts (120.31 ft) 8 5/8" 24 #/ft J-55 used casing. Set casing at 125 ft and cement with 80 sx (94.4 cf) Class B cement with 2% CaCl, with 5 bbls good cement circulated to surface. Shut in for 4 hours. Nipple up wellhead and BOP. Test BOP to 800 psi for 30 minutes, held OK. Trip in with 6 3/4" bit. Drill cement and into open hole. Drill to 160 ft, shut down overnight.

# 7/28/95

Drill 7 7/8" hole to 760 ft. Prepare to trip for bit. Shut down overnight.

#### 7/29/95

Drop survey tool and trip out of hole. Survey was 1/2 at 760 ft. Make up 6 3/4" bit and trip in hole with Bit #3. Drill to 1490 ft.\ Small water flow at 580 ft, and slight gas blow at 850 ft. Circulate hole clean, shut down overnight.

### 7/30/95

Circulate hole and work on mud pump. Well still blowing slightly and flowing small amount of water.

## 7/31/95

Drill to 1670 ft, bit locked up. Drop survey tool and trip out of hole. Survey at 1670 ft was 3/4. Make up new bit and trip in hole. Drill to 1730 ft. Circulate hole clean and pull 8 joints of pipe for short trip. Shut down overnight. Prepare to log well on Monday morning.

#### 8/1/95

Short trip and condition hole for logs. Trip out of hole. Rig up Halliburton Logging Services and log well. Rig down loggers and rig up casing crew. Run 39 jts of 5 1/2" casing as follows:

KB to landing point	3.00	0 to	3 ft
15 jts 14.0# M50 new casing	628.50	3 to	632 ft
23 jts 15.5# J55 new casing	1037.66	632 to	1669 ft
Insert Float	0.00	1669 to	1669 ft
Shoe joint	45.08	1669 to	1714 ft
Guide shoe	0.70	1714 to	1715 ft
	1714.94 ft		

Rig down casing crew and rig up BJ Services to cement well. Pump 315 sx (428 CF) 50/50 pozmix with 2% gel and 10% salt. Good returns throughout job, no cement to surface. Rig down BJ. Make up braden head and set slips on  $5\ 1/2$ " casing. Release drilling rig. Run temperature survey, show top of cement at 200 ft below surface. Wait on completion.