

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136

Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		070 FARMINGTON, NM		5. Lease Designation and Serial No. SF 08214	
b. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		7. Unit Agreement Name		6. If Indian, Allottee or Tribe Name	
2. Name of Operator ROBERT L. BAYLESS, PRODUCER LLC		8. Farm or Lease Name, Well No. Arnie #4 719614		22189	
3. Address and Telephone No. P.O. BOX 168, FARMINGTON, NM 87401 (505) 336-2659		9. API Well No. 30-045-5425		AUG 19 1999	
4. Location of Well (Report location clearly and in accordance with State requirements) At surface 1165 FSL & 1020 FWL At proposed prod. Zone SAME		10. Field and Pool, or Wildcat Basin Fruitland Coal		DIST. 3 71629	
14. Distance in Miles and Direction from nearest Town or Post Office*		11. Sec., T., R., M., or Blk. and Survey or Area SEC 33, T30N, R13W		12. County or Parish SAN JUAN	
15. Distance from Proposed* Location to nearest Property or Lease Line, ft. (Also to nearest drlg. Unit line, if any)		16. No. of Acres in Lease		13. State NM	
18. Distance from Proposed Location* to nearest Well, Drilling, Completion, or applied for, on this Lease, ft.		17. No. of Acres Assigned to this Well 5/320		20. Rotary or Cable Tools ROTARY	
21. Elevations (Show whether DF, ET, GR, Etc.) 5296 K		22. Approx. Date Work Will Start ASAP		23. This action is subject to technical and procedural review pursuant to 43 CFR 3160.3 and appeal pursuant to 43 CFR 3160.4	
Size of Hole		Grade, Size of Casing		Weight per Foot	
8 3/4"		7" J-55		23.0#/ft	
6 1/4"		4 1/2" J-55		10.5#/ft	
Setting Depth		120 ft		1340 ft	
Quantity of Cement		30 sx (35.4 ft <sup>3</sup> )		125 sx (209.1 ft <sup>3</sup> )	

Will drill 8 3/4" hole to 120 ft and set 120 ft 7" 23.0#/ft J-55 casing, cemented with 30 (35.4 ft) sx class B cement circulated to surface. Drill 6 1/4" hole to 1340 feet using clear water, natural mud, and water loss additives. Induction and density logs will be run. Set 1340 feet of 4 1/2" 10.5 #/ft J-55 new casing, cemented with 125 sx (209.1 ft) cement, circulated to surface. No abnormal temperatures or pressures are anticipated. Estimated mud weight is 8.6 #/gal. We request a variance on the use of an upper kelly cock, as the rig utilized has a double drum that uses a track to retract the kelly and the kelly cock lengthens the kelly such that connections cannot be made safely. We also request approval to use a 2" 2000 psi rubber hose between the BOP and the choke manifold. The rig has limited room under the sub and the pressures anticipated are low

ESTIMATED TOPS:	DEPTH:	PRESSURE:
Ojo Alamo	surface	-
Fruitland	840 ft	250 psi
Pictured Cliffs	1140 ft	300 psi

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed [Signature] Title Engineer Date June 30, 1999

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE AUG 17 1999

Application approval 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 operations thereon.

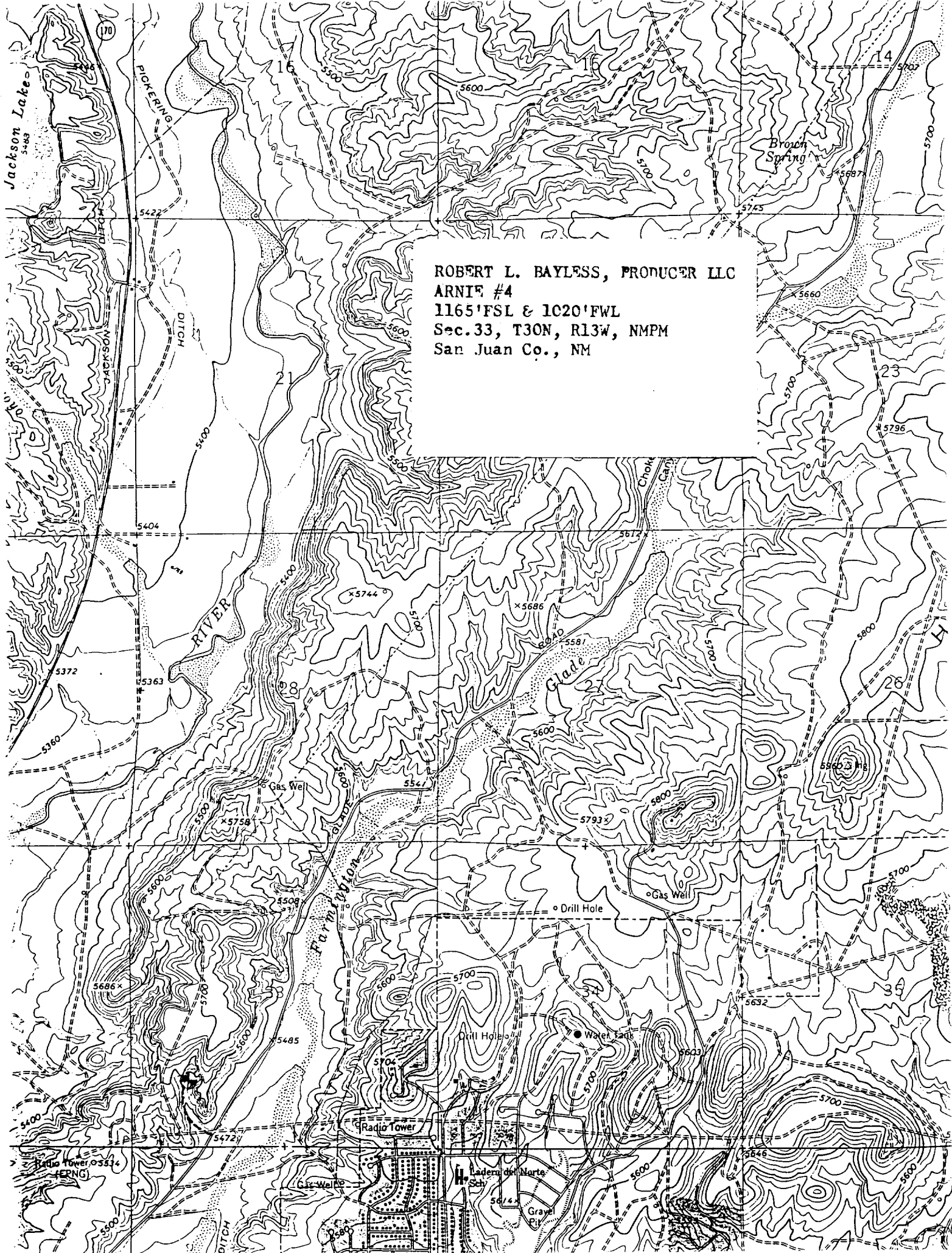
CONDITIONS OF APPROVAL, IF ANY:

Approved By [Signature] Title Team Lead Date AUG 17 1999

\*See Instruction on Reverse Side

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.





ROBERT L. BAYLESS, PRODUCER LLC  
ARNIT #4  
1165'FSL & 1020'FWL  
Sec.33, T30N, R13W, NMPM  
San Juan Co., NM