

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-645-29009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO.		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Robert L. Bayless 1941			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P O Box 168 Farmington, N.M. 87499			8. FARM OR LEASE NAME Brown 13264		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 955' FNL & 1459' FEL At proposed prod. zone Same			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 miles north of Flora Vista			10. FIELD AND POOL, OR WILDCAT Aztec Pictured Cliffs		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T30N, R12W		
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160 15214			13. STATE NM		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5742 GR			22. APPROX. DATE WORK WILL START* October 1, 1993		

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 7/8	7 5/8	26.4	120	45 sx
6 3/4	5 1/2	14.0	2200	200 sx

Move in rotary rig and drill 9 7/8" surface hole to 120 ft. Run 120 ft. 7 5/8" 26.4# J-55 used casing. Cement w/45 sx cement, circulate to surface. Drill 6 3/4" hole to 2200 ft. and set 2200 ft. of 5 1/2" 14.0#/ft. M-50 new casing and cement with 200 sx of cement, circulated to surface. Circulating medium will be clear water, natural mud, and water loss control additives. No abnormal pressure or temperatures are anticipated. Induction and density logs will be run. Blowout preventer schematic is attached. The gas from this well is not dedicated.

Estimated Formation Tops

Ojo Alamo	485
Fruitland	1630
Pictured Cliffs	2037

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OCT 27 1993
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive 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 8/31/93

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED
AS AMENDED

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

DISTRICT MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1500 Rio Brazos Rd., Alameda, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

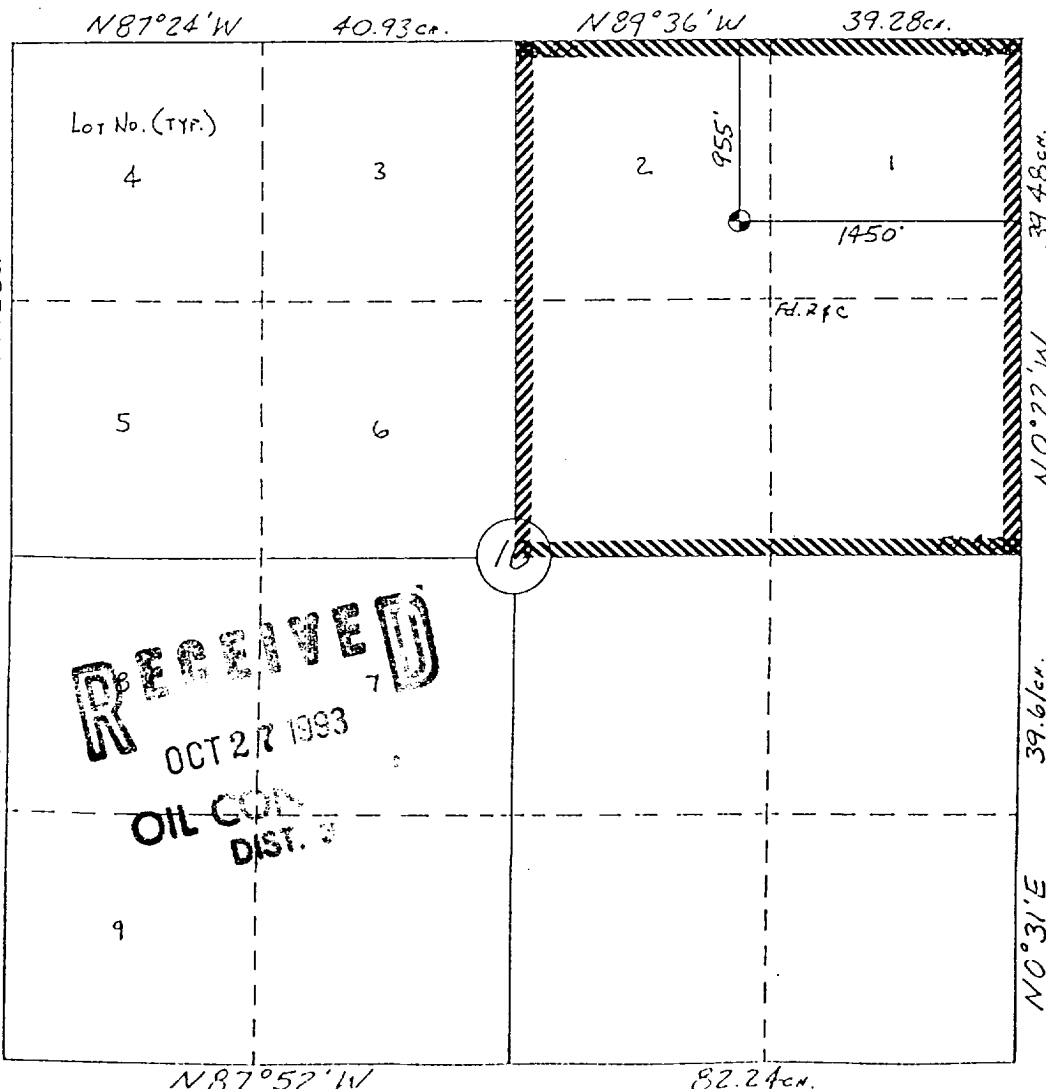
All Distances must be from the outer boundaries of the section

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SEP -7 PM 1:27

Operator ROBERT L. BAYLESS			Lease BROWN			Well No. 1		
Unit Letter B	Section 10	Township 30 N	Range 12 W			County San Juan		
Actual Footage Location of Well: 955 feet from the North line and 1450 feet from the East line								
Ground level Elev. 5742		Producing Formation Pictured Cliffs				Pool Aztec Pictured Cliffs		Dedicated Acreage: 1.60 / 5.28 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



OPERATOR CERTIFICATION

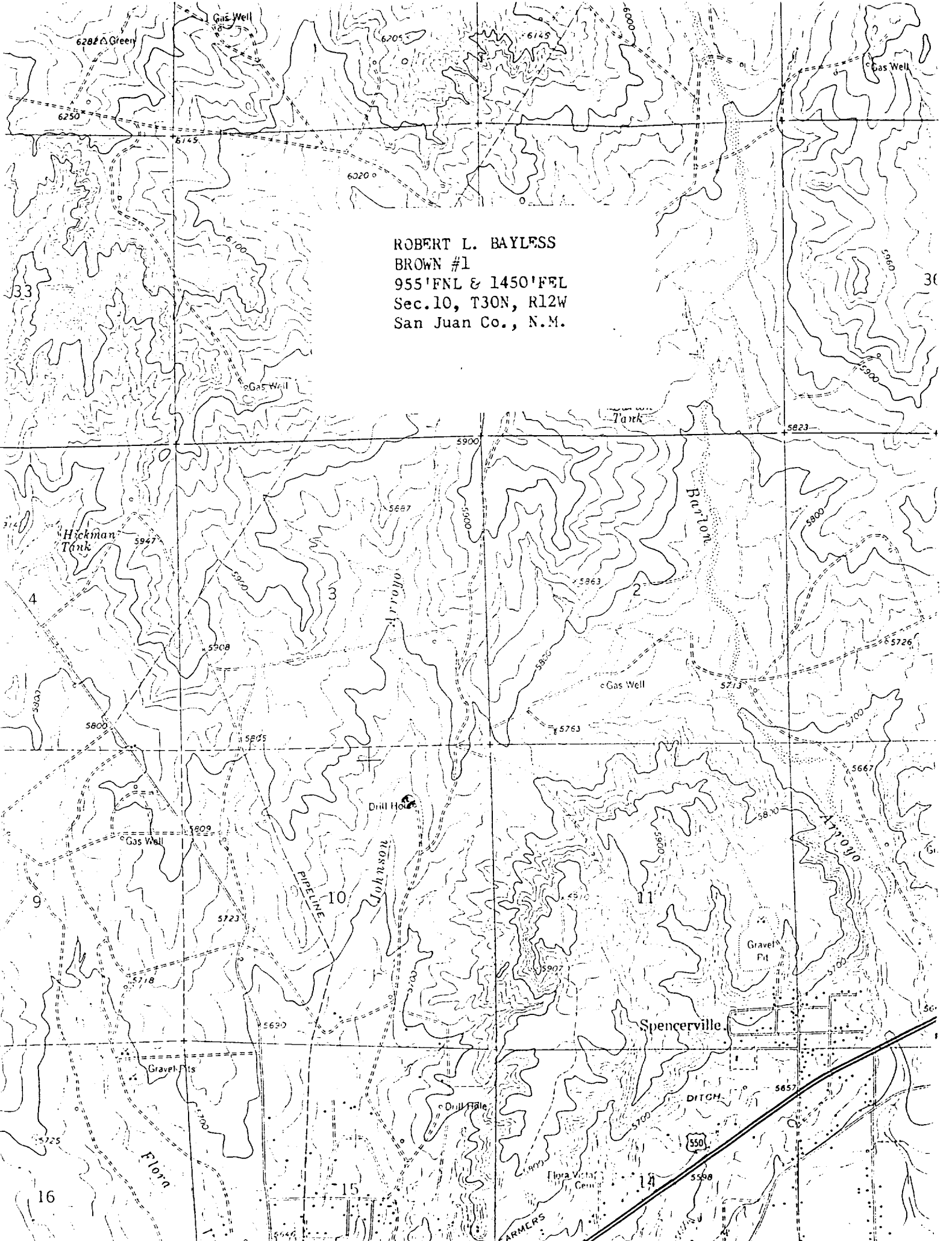
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature *Robert L. Bayless*
Printed Name Price M. Bayless
Position Engineer
Company Robert L. Bayless, Producer
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
19 Aug., 1993

Date Surveyed
William E. Mahnke II
Signature & Seal
Professional Surveyor
WILLIAM E. MAHNKE II
NEW MEXICO
#8466
Certificate No. 8466
PROFESSIONAL LAND SURVEYOR



ROBERT L. BAYLESS
BROWN #1
955'FNL & 1450'FEL
Sec.10, T30N, R12W
San Juan Co., N.M.

Robert L. Bayless
Brown #1
955' FNL & 1450' FEL
Sec. 10, T30N, R12W
Sandoval County, NM

Longstring Cementing Guidelines

1. The following estimated volumes of cement will be pumped on the longstring casing cementing job to provide a cement sheath from the end of production casing to the surface to protect useable water zones in this well. The exact cement pumped may vary slightly after examination of open hole logs.

lead slurry: 25 sx (30 ft³) Class B cement.
weight: 15.6 #/gal
yield: 1.18 ft³/sx

filler slurry: 100 sx (206 ft³) Class B cement with
2% econolite
weight: 12.5 #/gal
yield: 2.06 ft³/sx

tail slurry: 75 sx (95 ft³) 50/50 pozmix cement
with 2% gel and 10% salt
weight: 13.6 #/gal
yield: 1.26 ft³/sx

note: a 5 barrel spacer of clear water will be pumped ahead of the lead cement slurry to prevent mud contamination of the cement.

2. If cement does not reach the surface, a temperature and/or cement bond log will be run to determine the cement top.
3. The longstring production casing will be centralized through the Fruitland production interval and also through usable water zones. Turbulators (or centralizers that will impact a swirling action) will be placed just below and into the base of the lowest useable water zone.
4. A chronological log will be kept on the longstring cement job which will record pump rate, pump pressure, slurry density, and slurry volume. This log will be sent to the BLM after completion of the job.