

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20314

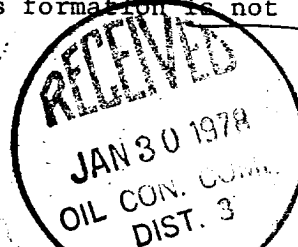
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-4565		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR J. Gregory Merriam and Robert L. Bayless			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P.O. Box 1541, Farmington, NM 87401			8. FARM OR LEASE NAME Alemita		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850 FNL and 1830 FWL At proposed prod. zone Same			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Chacra		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)			11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA Sec. 19, T22N, R7W		
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH 13. STATE Sandoval N.M.		
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			17. NO. OF ACRES ASSIGNED TO THIS WELL 160/162.16		
18. PROPOSED DEPTH 1800 ft.			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6765 ft. G. L.			22. APPROX. DATE WORK WILL START* As soon as possible		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	20#	40'	40 sacks
6-1/4"	4-1/2" or 2-7/8"	10.5# or 6.5#	1800'	125 sacks

We propose to drill the following to test the upper Mesa Verde formation:
Will drill 9" hole to 40 ft. and set 40 ft. of 7", 20 lb. casing with 40 sacks cement. Will drill 6-1/4" hole to 1800 ft. and run logs. If appears productive, will run 1800 ft. of either 4-1/2", 10.5 lb. casing, or 2-7/8", 6.5 lb. casing, and cement with 125 sacks. Will perforate and stimulate as required. A 6"-900 double ram blowout preventer will be used. Gas from this formation is not dedicated.



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. Robert L. Bayless Co-Owner DATE 12-28-77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED

JAN 25 1978

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

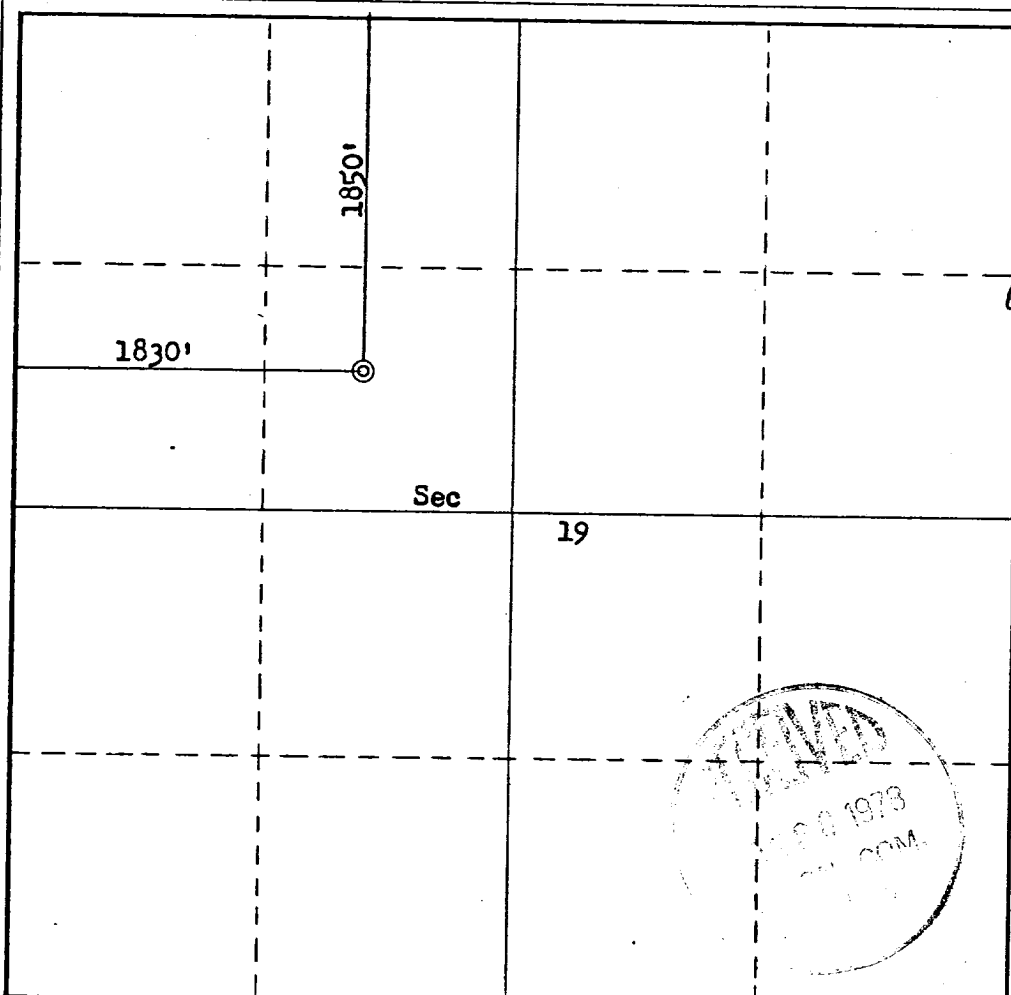
Operator Merrion & Bayless			Lease Alemita		Well No. 1
Unit Letter F	Section 19	Township 22N	Range 7W	County Sandoval	
Actual Footage Location of Well:					
1850 feet from the North line and		1830 feet from the West line			
Ground Level Elev. 6765	Producing Formation Mesa Verde	Pool Wildcat	Dedicated Acreage: 160/162.16 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, 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 communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name
Robert L. Bayless

Position
Co-Owner

Company
MERRION & BAYLESS

Date
12-28-77

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.

Date Surveyed
December 21, 1977

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

