

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. Jic. Contract #117	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jic. Apache	
2. NAME OF OPERATOR El Paso Exploration Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR PO Box 289, Farmington, NM 87401		8. FARM OR LEASE NAME Jicarilla 117 E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850'N, 950'W At proposed prod. zone		9. WELL NO. 5A	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* same 13 miles north of Lindrith, NM		10. FIELD AND POOL, OR WILDCAT Tapacito PC Blanco Mesa Verde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 950'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA E Sec. 28, T-26-N, R-3-W NMPM	
16. NO. OF ACRES IN LEASE 2560.00		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00 and 320.00		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640'		19. PROPOSED DEPTH 6540'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START*	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 7308'GL			

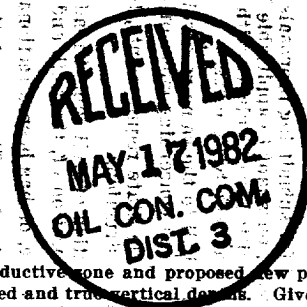
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36.0#	200'	224 cu.ft. to circulate
8 3/4"	7"	20.0#	4190'	176-100% to cover Ojo Alamo
6 1/4"	4 1/2" liner	10.5#	4040-6540'	438 cu.ft. to circ. liner

Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The W/2 of Section 28 is dedicated to this well.



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.

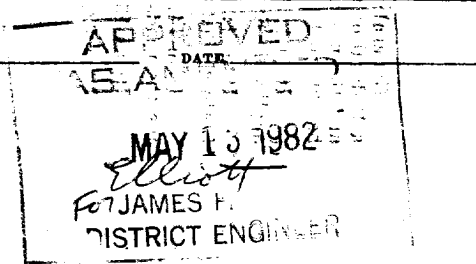
24. SIGNED A. G. Buico TITLE Drilling Clerk DATE April 15, 1982
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NMOCC



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

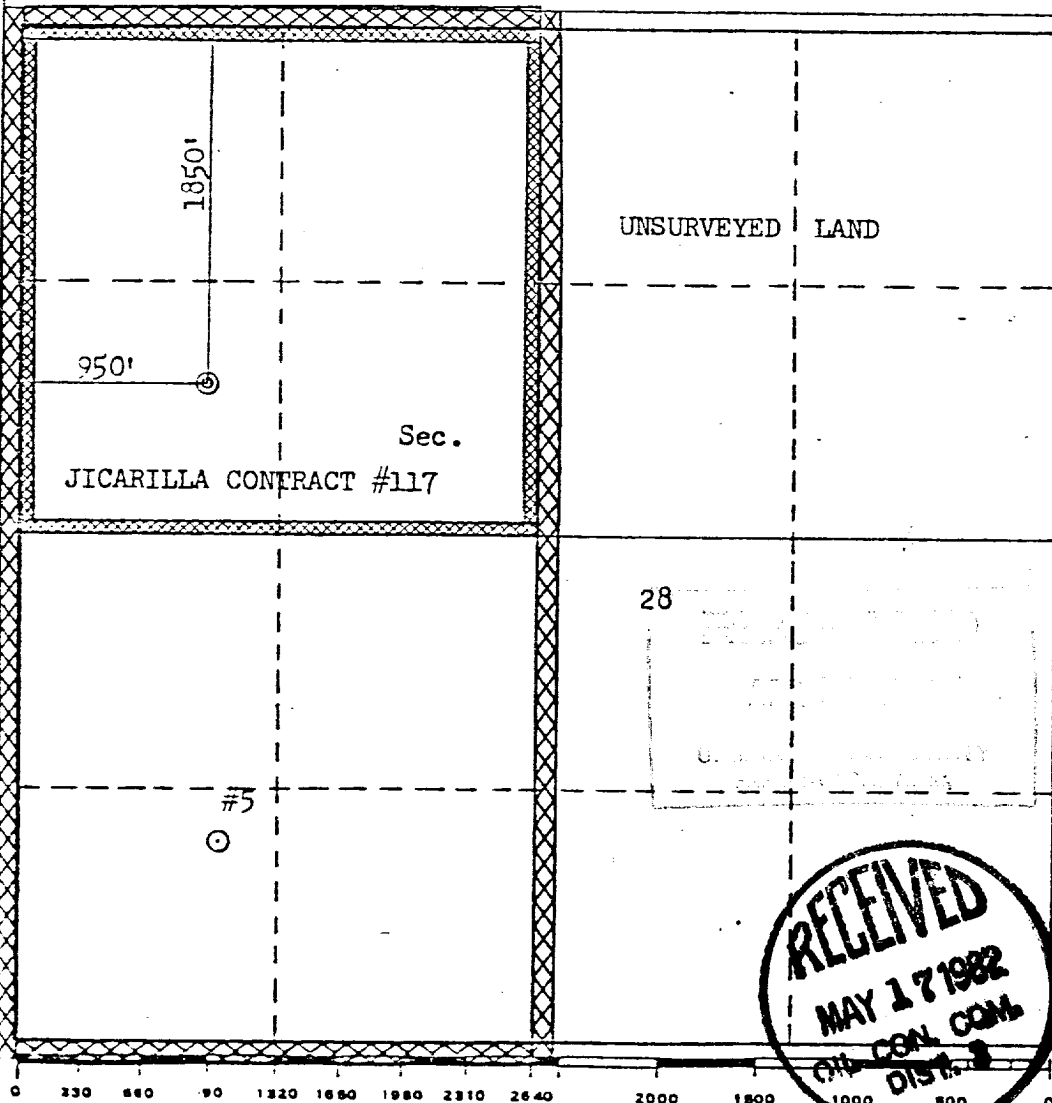
Operator EL PASO EXPLORATION COMPANY			Lease JICARILLA 117 E (JIC. CONTRACT #117)		Well No. 5A
Unit Letter E	Section 28	Township 26N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 950 feet from the West line					
Ground Level Elev. 7308	Producing Formation Pictured Cliffs Mesa Verde		Pool Tapacito Pictured Cliffs Blanco Mesa Verde		Dedicated Acreage: 160.00 & 320.00 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 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.

A. G. Guisco

Name
Drilling Clerk

Position
El Paso Exploration Co.

Company
April 15, 1982

Date

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

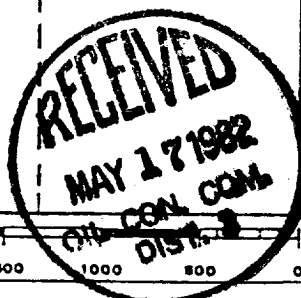
March 23, 1982

Registered Professional Engineer and/or Licensed Surveyor

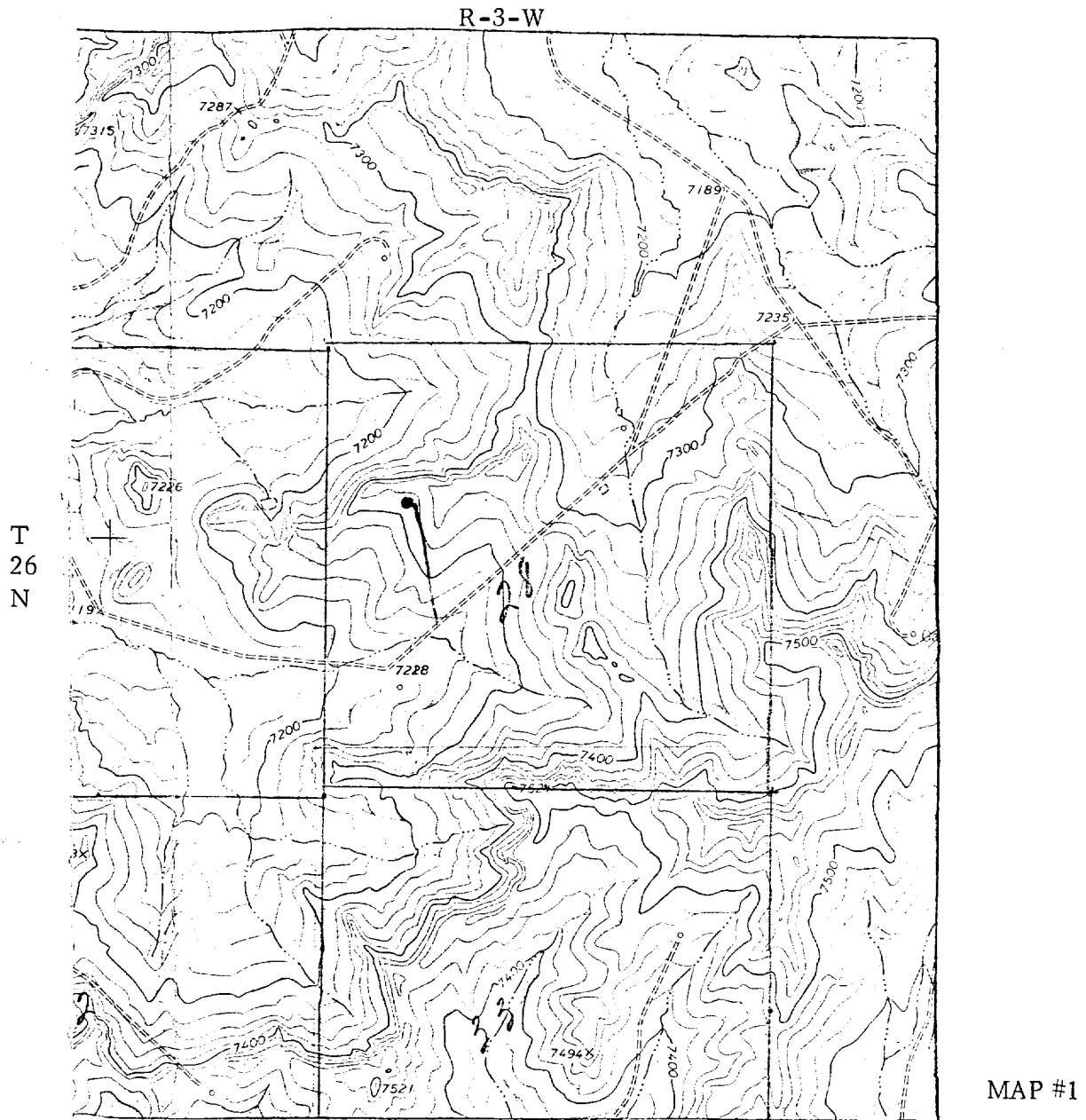
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950



EL PASO EXPLORATION COMPANY
 Jicarilla E #5A
 NW 28-26-3



LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS	— — — — —
EXISTING PIPELINES	+ + +
EXISTING ROAD & PIPELINE	+ + +
PROPOSED ROADS	— — — — —
PROPOSED PIPELINES	+ + +
PROPOSED ROAD & PIPELINE	+ + +