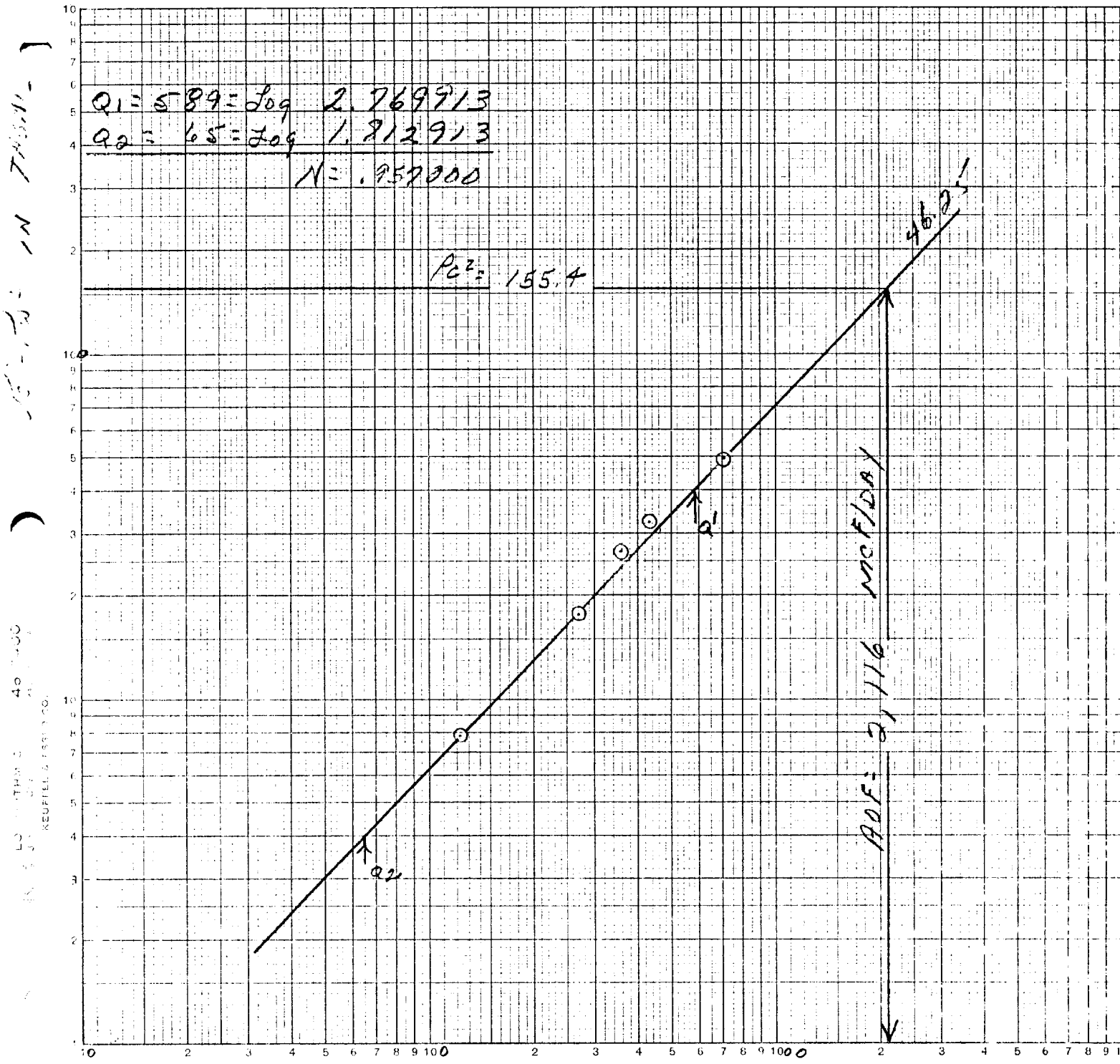


EL PASO NATURAL GAS COMPANY

Shell State COM F No. 1
N 6-21-36 Lea Co., NM
July 12, 1978



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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
NMB 1398-10	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Shell "F" State Com	
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		9. Well No.	
2. Name of Operator		10. Field and Pool, or Wildcat	
El Paso Natural Gas Company		Eumont	
3. Address of Operator		12. County	
1800 Wilco Building; Midland, Texas 79701		Lea	
4. Location of Well UNIT LETTER N LOCATED 3566 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 6 TWP. 21S RGE. 36E NMPM			
21. Elevations (Show whether DF, RT, etc.)		19. Proposed Depth	
3,554 GR		3,700	
21A. Kind & Status Plug. Bond		19A. Formation Yates, Seven River, Queen Rotary	
On File		20. Rotary or C.T.	
21B. Drilling Contractor		22. Approx. Date Work will start	
Capitan Drilg. Co.		Jan. 15, 1978	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	32.0	1200	600	Surf.
7 1/2"	4 1/2"	10.5	3700	800	Surf.

Plan is to drill 12 1/4" hole to approximately 1,200', run 8 5/8" 32# csg & cmt to surface. WOC 18 hrs and test to 1000#. Drill 7 7/8" hole to TD (3700'). Run 4 1/2" 10.5# csg & cmt to surface pipe. WOC 24 hrs & tst to 1500#. Will perforate Yates, Seven Rivers & Queen zones at selected intervals. 5000# Double gated BOP equipment will be used. Brine based drilling fluids will be used after surface casing is set.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed C. C. Goodwin Title Adm. Prod. Services Date 12/13/77
(This space for State Use)

APPROVED BY [Signature] SUPERVISOR DISTRICT
CONDITIONS OF APPROVAL, IF ANY: DEC 20 1977

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OIL CONSERVATION COMMISSION
HOBBBS, N. M.