

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> RE-ENTRY <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK		5. LEASE DESIGNATION AND SERIAL NO. LC 028731-A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Marbob Energy Corporation ✓		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Drawer 217, Artesia, N.M. 88210 O. C. D.		8. FARM OR LEASE NAME M. Dodd "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State Aquifer Office*) At surface 660 FSL 1934 FEL At proposed prod. zone Same		9. WELL NO. 21-Y	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles east of Artesia, N.M.		10. FIELD AND POOL, OR WILDCAT Grbg Jackson On SA	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest 660. salt line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15-T17S-R29E	
16. NO. OF ACRES IN LEASE 560		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Reverse unit	
21. ELEVATIONS (Show whether DF, BT, GR, etc.) 3572' GR		22. APPROX. DATE WORK WILL START* 11/15/82	

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	836'	800 sax, circulated 50 sax
12 1/4"	9 5/8"	36 & 40#	3503'	1132 sax, circulated 25 sax

This well was drilled to TD of 11,242' by Sunray Mid-Continent Oil Company, was plugged and abandoned in 1958 by placing a 50 sack plug 3569-3439'. 836' of 13 3/8" and 3503' of 9 5/8" still remain in the well. We propose to move in a reverse unit, clean well out to the bottom plug @ 3439' and perforate the Metex, Grayburg and San Andres formations for testing.

NOV 12 1982

OIL & GAS

MINERALS MANAGEMENT SERVICE

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 well location, direction, and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <i>Carolyn Crisis</i>		TITLE Production Clerk		DATE 11/10/82	
(This space for Federal or State Office Use)					
APPROVED					
(ORIG. SGD.) DAVID R. GLASS					
APPROVAL DATE					
APPROVED BY JAMES A. GILLHAM					
CONDITIONS OF APPROVAL					
DEC 10 1982					
DISTRICT SUPERVISOR					

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

2-21-58

Section A.

Operator Sunray Mid-Continent Oil Co. Inc. Dodd "A"
Well No. 21-x Well letter O Section 15 Township 17 S Range 29 E NMPM
located 660 feet from South line, 1934 feet from East line
County Eddy C. I. elevation 3572.4 Dedicated Acreage 40 Acres
Name of Producing Formation Alaska Pool Undesignated

1. Is the operator the only owner* in the dedicated acreage outlined on the plat below?
Yes X No _____.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? If answer is "yes," type of consolidation _____.
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

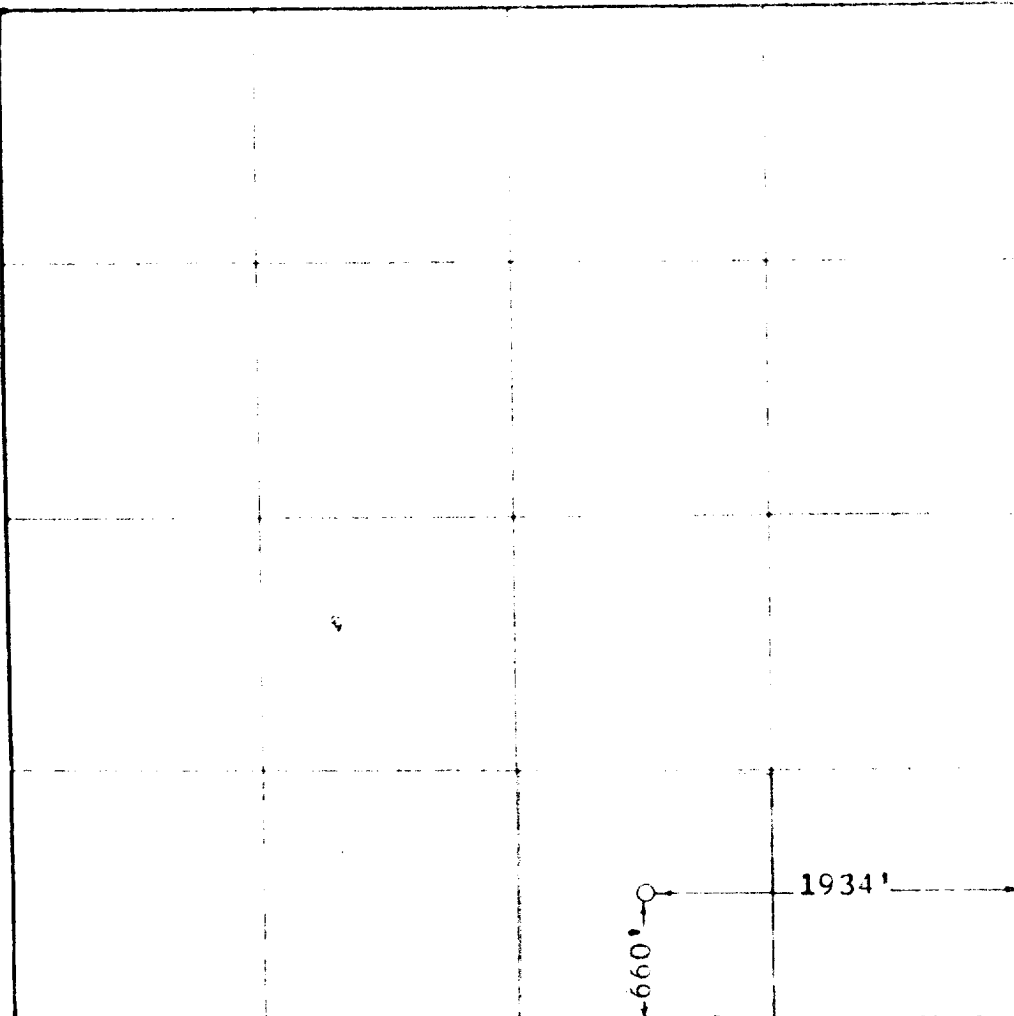
Land Description

Sunray Mid-Continent Oil Company 100%

660 F&L 1934' F&L of SE/4, Sec. 15, T 17S R29E

Eddy County, New Mexico

Section B.



This is to certify that the information in Section A is true and complete to the best of my knowledge and belief.

Sunray Mid-Continent Oil Company

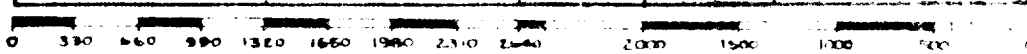
(Operator)
Robert E. Stratton
(Representative)

Box 128, Hobbs, New Mexico

Address

This is to certify that the well location shown on the plat in section B 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.

Dated and signed 2-19-58
John W. West
Registered Professional
Engineer and/or Land Surveyor.



SUPPLEMENTAL DRILLING DATA

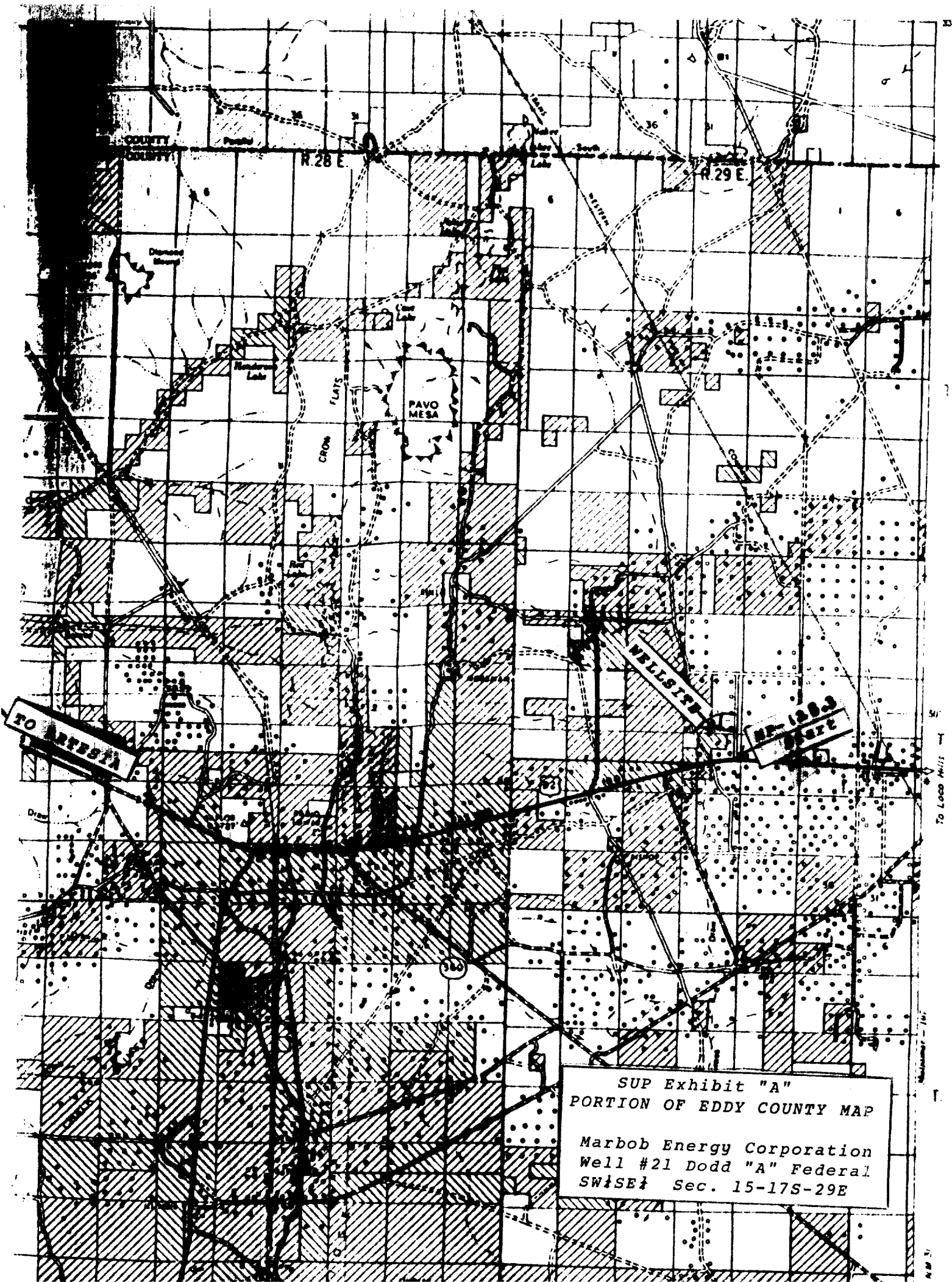
MARPOE ENERGY CORPORATION
WELL #21 DODD "A" FEDERAL
SW1/4SE1/4 SEC. 15-17S-29E
EDDY COUNTY, NEW MEXICO
(RE-ENTRY WELL)

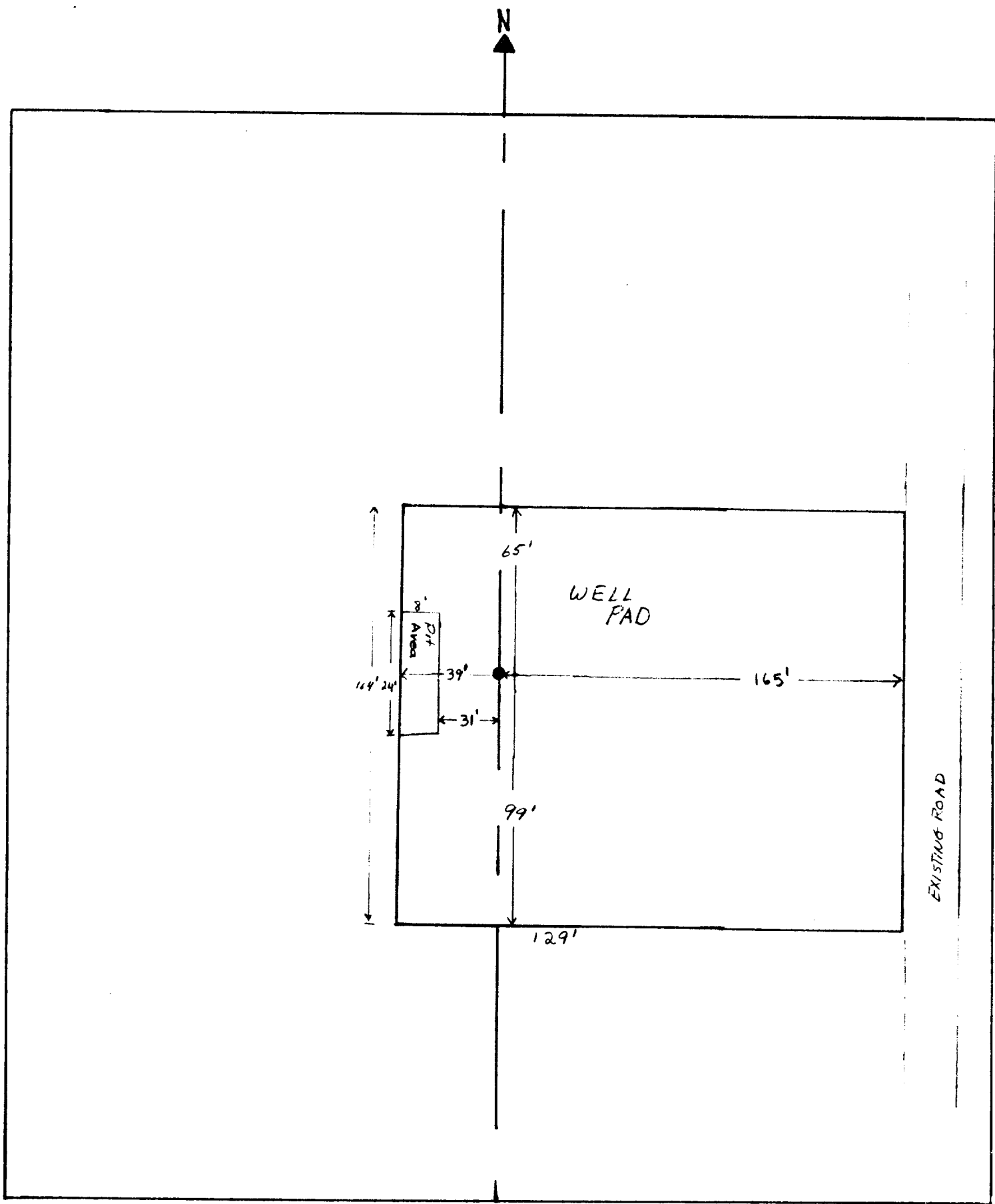
1. SURFACE FORMATION: Quaternary.
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Salt	360'	Queen	1815'
Ease Salt	780'	Grayburg	2140'
Yates	930'	San Andres	2510'
Seven Rivers	1145'	Glorietta	3900'
3. ANTICIPATED POROSITY ZONES:

Water	Above 180'
Oil	2350 - 3500'
4. CASING DESIGN: Since this is a re-entry well, the casing is already in the hole and no additional casing will be required.
5. SURFACE CONTROL EQUIPMENT: A double ram-type or annular EOP will be used.
6. CIRCULATING MEDIUM:

0 - 3500' Fresh water.
7. AUXILIARY EQUIPMENT: Drill string safety valve.
8. LOGGING PROGRAM: CNL-FDC W/GR Log will be run to TD.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated if well was properly plugged initially.
10. ANTICIPATED STARTING DATE: It is planned that operations will commence about December 14, 1982. Duration of drilling, testing and completion operations should be one to four weeks.





Well pad reflected above is in existence. Since well is a re-entry, pit area of 8 x 24 within boundaries of present site will be suffi-

SUP Exhibit "D"
 SKETCH OF EXISTING WELL PAD
 Marbob Energy Corporation
 Well #21 Dodd "A" Federal
 SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-17S-29E