

NM OIL CONS. MISSION  
Drawer DD UNITED STATES  
Artesia, DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT TRIPLICATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

30-013-24488

## 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. LC 058362	
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. Dr. 217, Artesia, N.M. 88210		8. FARM OR LEASE NAME Boyd Dodd "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1295 FSL 2210 FEL, Unit O (SW 1/4 SE 1/4)		9. WELL NO. 6	
At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Grayburg Jackson SA-G	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 air miles east of Artesia, N.M.		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 11-17S-29E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		12. COUNTY OR PARISH Eddy	
16. NO. OF ACRES IN LEASE 160		13. STATE N.M.	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 630'		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. PROPOSED DEPTH 3250'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3635.8' GR		22. APPROX. DATE WORK WILL START* 6/1/83	

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	350'	Sufficient to circulate
7 7/8"	5 1/2"	15.50#	3250'	Sufficient to circulate

Pay zone will be selectively perforated and stimulated as needed for optimum production.

Attached are: 1. Location & acreage dedication plat  
2. Supplemental drilling data  
3. Surface use plan

MAY 18 1983

OIL &amp; GAS

ROSWell, NEW MEXICO

THIS PERMIT REPLACES THE ONE WE SUBMITTED 2/14/83 DUE TO A CHANGE IN LOCATION.  
THE DATA ATTACHED WILL REPLACE PARTS OF THE ORIGINAL APPLICATION.

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 Carolyn Orris TITLE Production Clerk DATE 5/17/83  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY P. D. Lopez TITLE Acting Asst. District Manager for Minerals DATE 6/3/83  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side

NSH-1650 Appu. - 5-23-83

**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

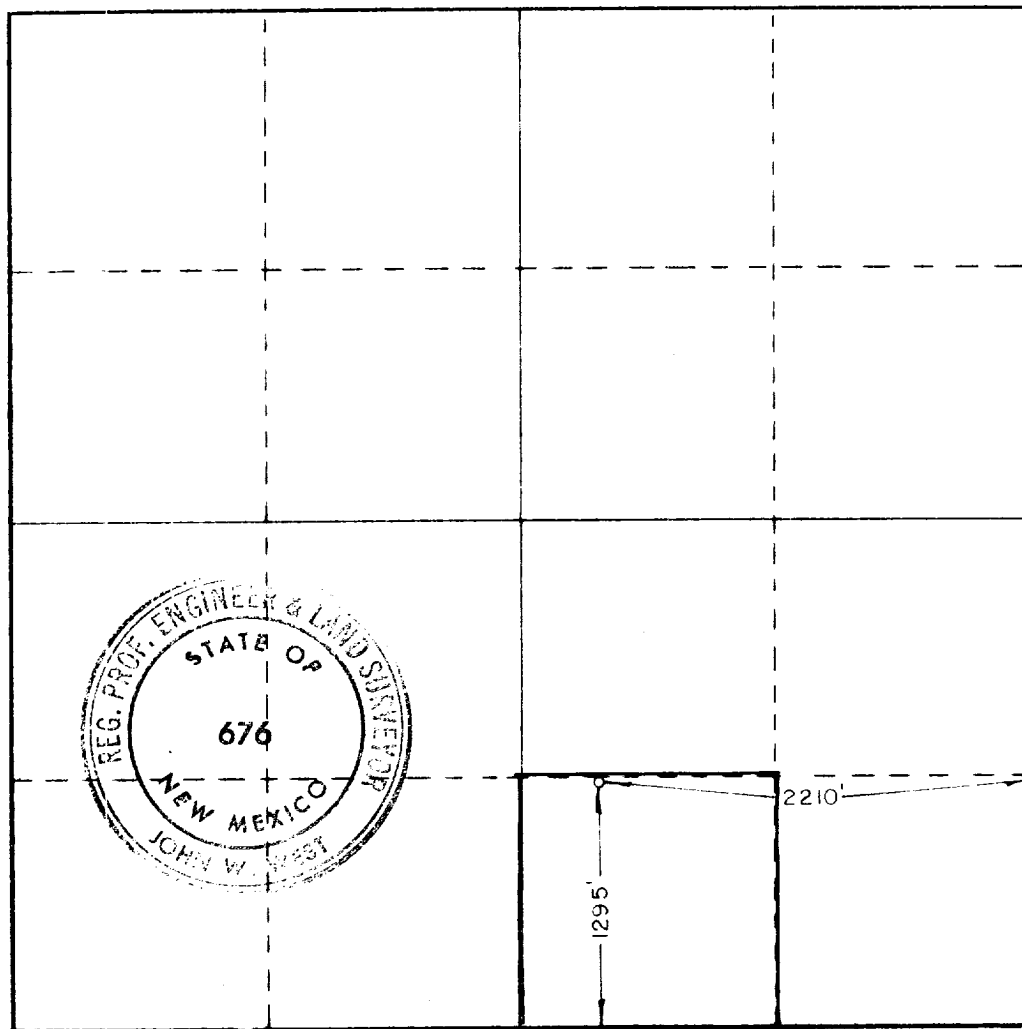
Operator <b>MARBOB ENERGY CORP.</b>			Lessee <b>BOYD DODD B</b>		Well No. <b>6</b>
Section Letter <b>0</b>	Section <b>11</b>	Township <b>17 South</b>	Range <b>29 East</b>	County <b>EDDY COUNTY</b>	
Annual Postage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>1295</b> feet from the <b>SOUTH</b> line and</span> <span><b>2210</b> feet from the <b>EAST</b> line</span> </div>					
Ground Level Elev. <b>3635.8</b>	Producing Formation <b>San Andres</b>		Pool <b>Grayburg Jackson - SR-Q-G-SA</b>	Dedicated Acreage: <b>40</b> 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.

*Carolyn Orris*

Name

**Carolyn Orris**

Position

**Production Clerk**

Company

**Marbob Energy Corp.**

Date

**5/17/83**

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.

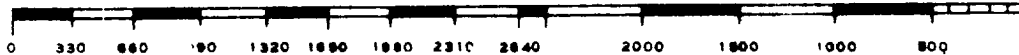
Date Surveyed

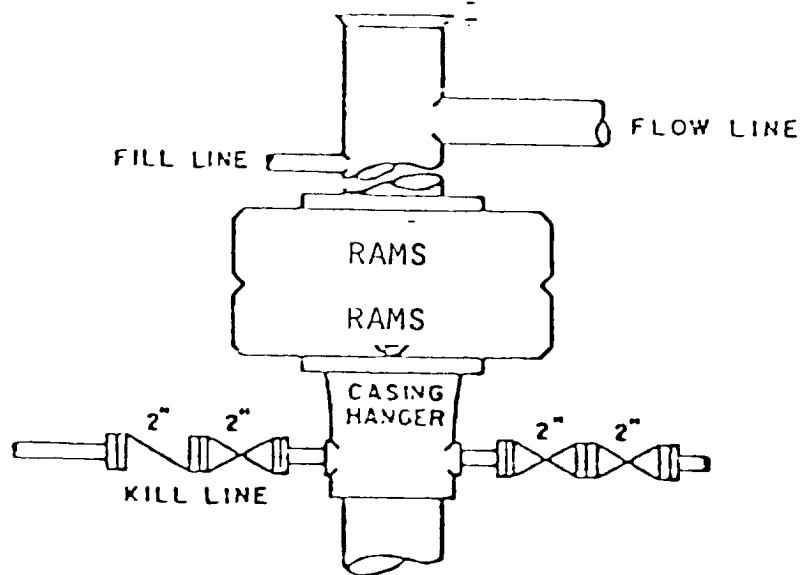
**NOVEMBER 17, 1982**

Registered Professional Engineer and/or Land Surveyor

Certificate No

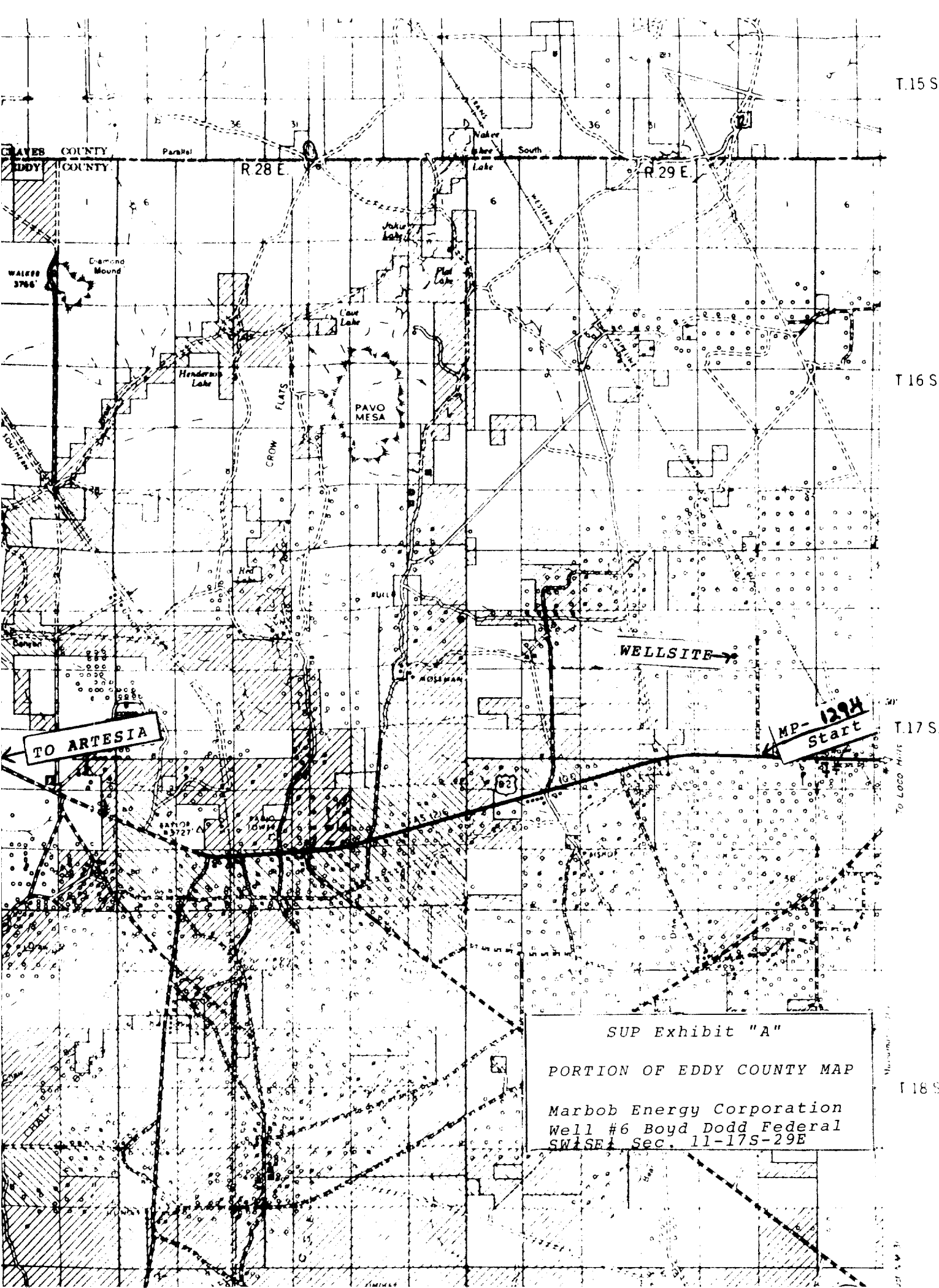
**JOHN W. WEST NO. 676**





BOP STACK

BOP ARRANGEMENT



T.15S

T.16S

T.17S

T.18S

R.28E

R.29E

CLAYES COUNTY  
EDDY COUNTY

TO ARTESIA

WELLSITE

MP-1394  
Start

SUP Exhibit "A"

PORTION OF EDDY COUNTY MAP

Marbob Energy Corporation  
Well #6 Boyd Dodd Federal  
SW 1/4 Sec. 11-17S-29E

Hand-drawn map of a field site. The map features a central rectangular area labeled 'K' and 'L' containing two points labeled '1' and '2'. A scale bar is at the top, and a compass rose is at the bottom right. The map is oriented with North at the top.

Scale bar: 0 100 200 300 400 500 600 700 800 900 1000

Compass rose: N, S, E, W

Central area labels: K, L

Points in central area: 1, 2

Notes on the left: NW 1/4 Sec 14, NE 1/4 Sec 14

Notes on the right: NW 1/4 Sec 14, NE 1/4 Sec 14

Notes at the bottom left: 147.5' (127.5' x 120')

Notes at the bottom right: 147.5' (127.5' x 120')

Marbob Energy Corporation  
Well #6 Boyd Dodd Federal  
SW 1/4 Sec. 11-17S-29E

SUPPLEMENTAL DRILLING DATA

MARPOE ENERGY CORPORATION  
WELL #6 BOYD DODD "P" FEDERAL  
SW1/4SE1/4 SEC. 11-17S-29E  
EDDY COUNTY, NEW MEXICO  
(DEVELOPMENT WELL)

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Salt	360'	Queen	1815'
Pase Salt	780'	Grayburg	2140'
Yates	930'	San Andres	2510'
Seven Rivers	1145'	Glorietta	3900'

3. ANTICIPATED POROSITY ZONES:

Water	Above 180'
Oil	2350 - 3250'

4. CASING DESIGN:

SIZE	INTERVAL	WEIGHT	GRADE	JOINT	CONDITION
8 5/8"	0-350'	24.0#	K-55	STC	New
5 1/2"	0-3250'	15.5#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: A double ram-type or annular POP will be used.

6. CIRCULATING MEDIUM:

0 - 350'	Fresh water mud with gel or lime as needed for viscosity control.
350'-3250'	Salt water mud, conditioned as necessary for control of viscosity and water loss or gain.

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: A water flow may be encountered in the salt section.

10. ANTICIPATED STARTING DATE: It is planned that operations will commence about March 1, 1983. Duration of drilling, testing and completion operations should be one to four weeks.