

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-101

May 27, 2004

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

Submit to appropriate District Office

FEB 16 2006

☐ AMENDED REPORT

OCU-ARTESIA

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Marbob Energy Corporation, P.O. Box 227, Artesia, NM 88211		² OGRID Number 14049
³ Property Code 35528	⁴ Property Name Flaming Tres	⁵ API Number 30-025-28530
⁹ Proposed Pool 1 Undesignated		¹⁰ Proposed Pool 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	24	14S	34E		660	FSL	1980	FWL	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code	¹⁵ Ground Level Elevation 4074.8
¹⁶ Multiple	¹⁷ Proposed Depth 14,000'	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date 3-17-06
Depth to Groundwater 64'		Distance from nearest fresh water well 1,000'		Distance from nearest surface water 1,000'
Pit: Liner: Synthetic ☒ 12_mils thick Clay ☐ Pit Volume: 3000bbls Drilling Method: Closed-Loop System ☐ Fresh Water ☐ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	68#	401'	425	Circ
12 1/4"	8 5/8"	24# & 32#	4511'	1600	Circ
7 7/8"	5 1/2"	17#	14,000'	525	9,500'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Propose to reenter the well originally called the Elk Unit No. 1, drill out cement plugs to the original TD of 10,670', deepen well to 14,000', run porosity and resistivity logs, run 5 1/2" casing to TD, cement with 525 sx (840 CF) cement to bring TOC to 9,500' above all potential oil and gas zones and test the Morrow for gas production.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Printed name: Nancy T. Bratcher

Title: Land Department

E-mail Address: landtech@marbob.com

Date: 2-15-06

Phone: 505-748-3303

OIL CONSERVATION DIVISION

Approved by:

Title:

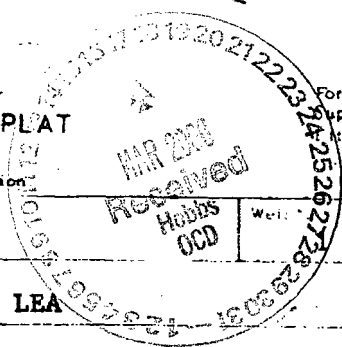
Approval Date:

Expiration Date:

MAR 20 2006
Conditions of Approval Attached ☐

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section



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

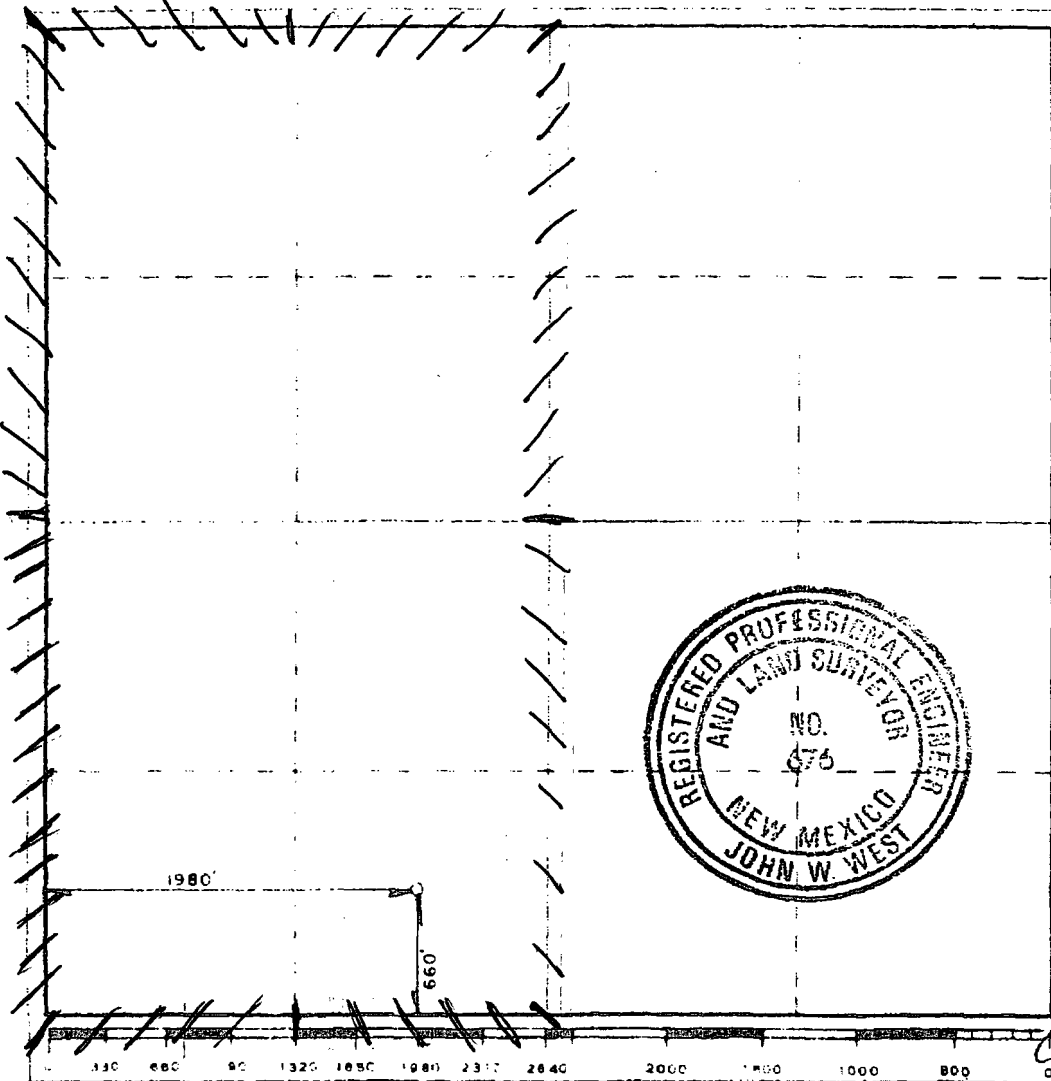
Marbob Energy Corporation		Flaming Tres		Well
N	24	14 SOUTH	34 EAST	LEA
660	feet from the	SOUTH	feet from the	WEST
4074.8		Morrow	UNDESIGNATED	320
ESTACADO (97345)				

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (that is to working interest and royalty).
- 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 (if so reverse side of this form if necessary) _____

No allowable well be assigned to the well until all interests have been consolidated and no force 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 here is true and complete to the best of my knowledge and belief.

Nancy T. Bratcher

Nancy T. Bratcher

Land Department

2-15-06

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 of Survey

DECEMBER 8, 1983

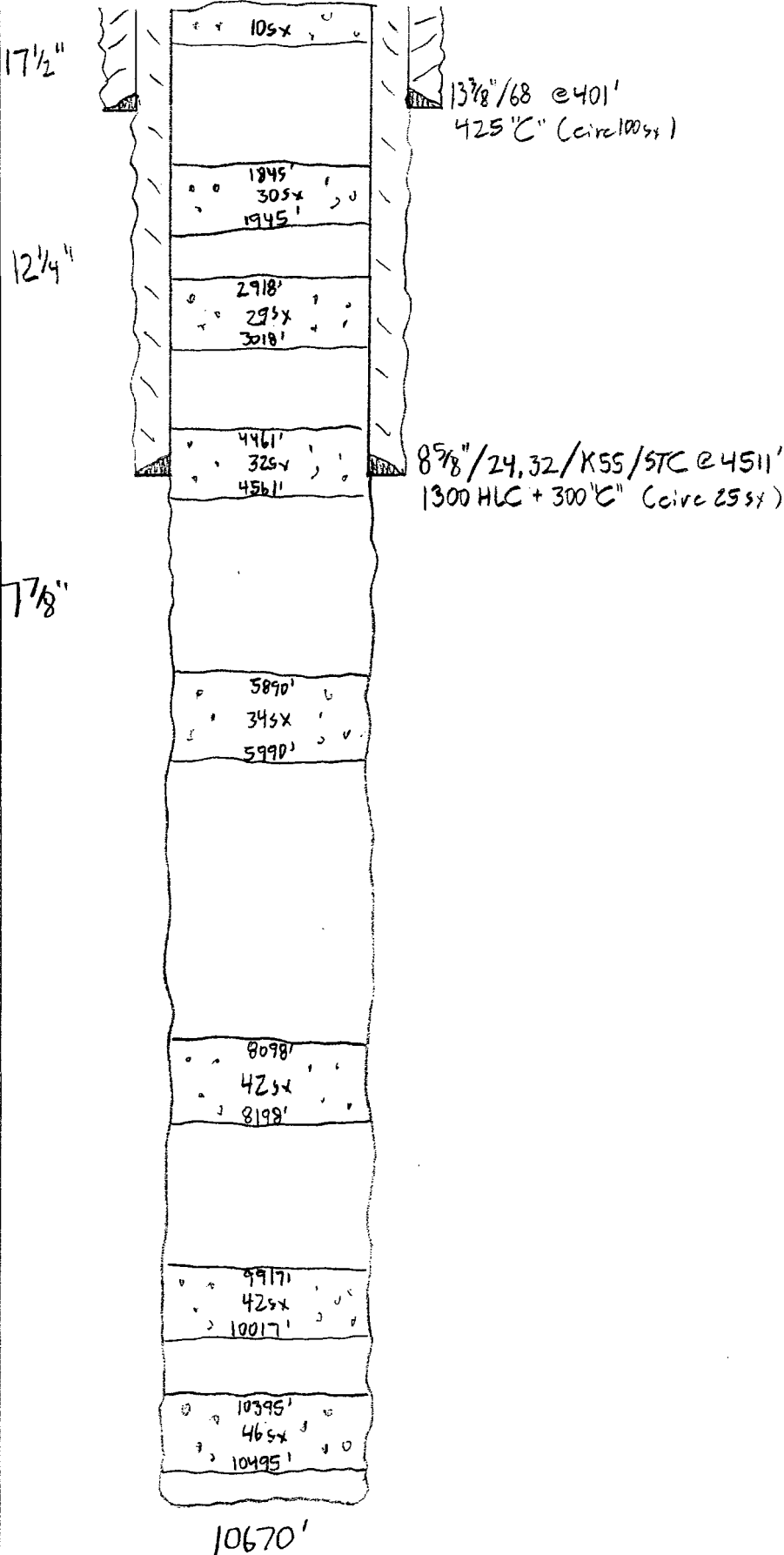
Registered Professional Engineer and Land Surveyor

John W. West

Certificate No.

676

EIK Unit 1
 660' FSL, 1980' FWL
 N- 24-143-34 e
 Lea Co., NM



BEFORE



42-351 50 SHEETS EYE EASY 5 SQUARE
 42-352 100 SHEETS EYE EASY 5 SQUARE
 42-353 200 SHEETS EYE EASY 5 SQUARE
 42-354 100 RECYCLED WHITE 5 SQUARE
 42-355 200 RECYCLED WHITE 5 SQUARE
 Made in U.S.A.



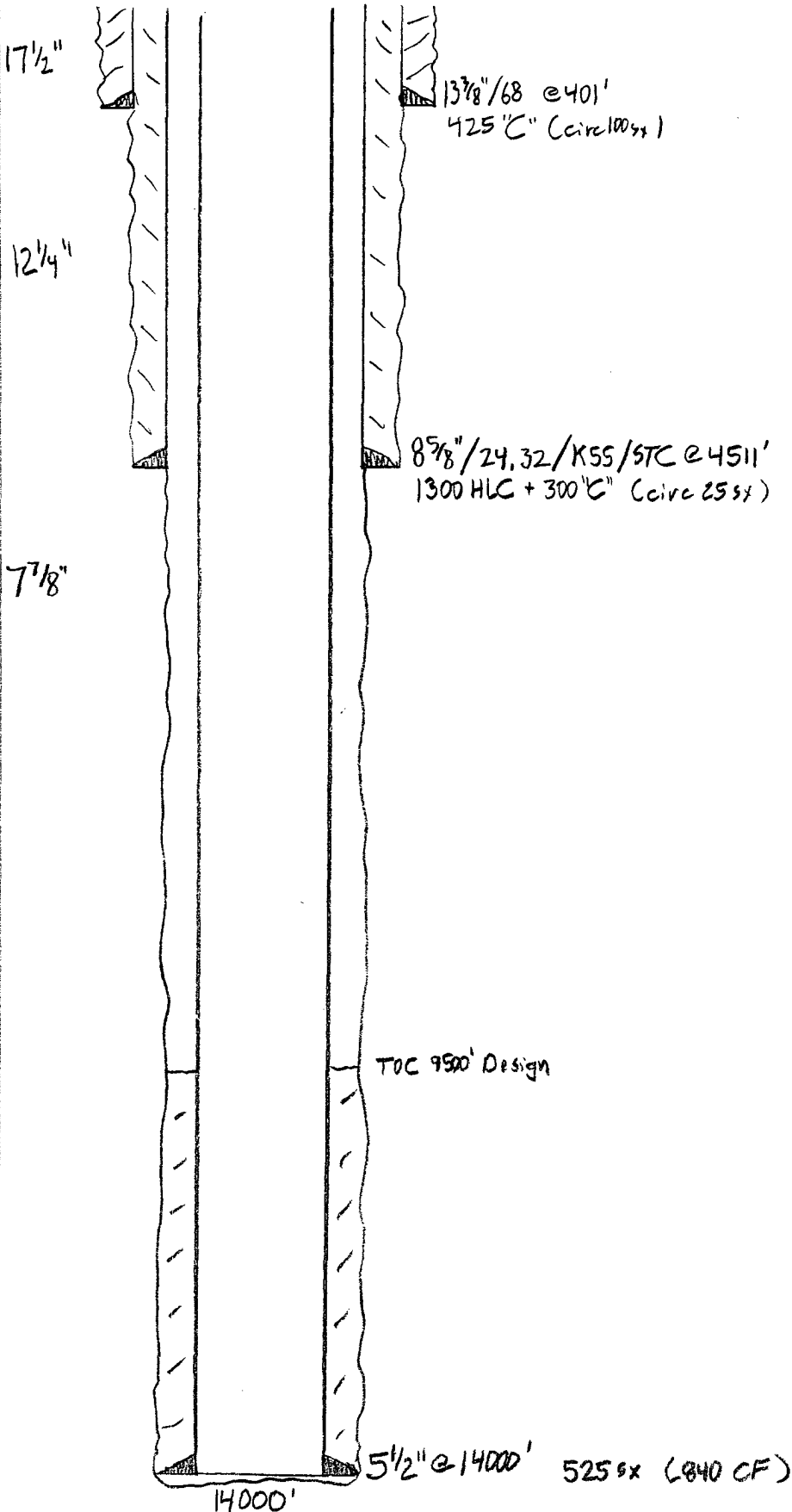
Flaming Trees No. 1

(EIK Unit 1)

660' FSL, 1980' FWL

N-24-143-34e

Lea Co., NM



AFTER