

RECEIVED BY
SEP 26 1985
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

88210 IN TR (CATE*)
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK ARTESIA, OFFICE
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
J. CLEO THOMPSON & JAMES CLEO THOMPSON, JR.

3. ADDRESS OF OPERATOR
P. O. BOX 6445, ODESSA, TEXAS 79767

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 660' FSL AND 2615' FWL OF SECTION 35
At proposed prod. zone 2485' ut. N

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 MILES NORTH-NORTHEAST OF LOCO HILLS, NEW MEXICO

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 660'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
635'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3790.7 GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<u>12-1/4"</u>	<u>8-5/8"</u>	<u>24#</u>	<u>500'</u>	<u>SUFFICIENT TO CIRCULATE</u>
<u>7-7/8"</u>	<u>5-1/2"</u>	<u>15.5#</u>	<u>3300'</u> <u>3995'</u>	<u>500 SACKS</u>

AFTER SETTING PRODUCTION CASING, PAY ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA
BOP SKETCH
SURFACE USE AND OPERATIONS PLAN

NMOC ORDER R-7816 GRANTED EXCEPTION TO RULE 104 C. I.

APPLICATION HAS BEEN MADE TO NMOC FOR ADMINISTRATIVE APPROVAL OF THIS UNORTHODOX WELL LOCATION.

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 Arthur R. Brown TITLE Agent DATE 6-17-85

(This space for Federal or State office use)

PERMIT NO. 015-25417 APPROVAL DATE 9-25-85

APPROVED BY Unorthodox TITLE See Instructions On Reverse Side DATE 9-25-85

CONDITIONS OF APPROVAL, IF ANY:

Subject to
Like Approval
by State

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

**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

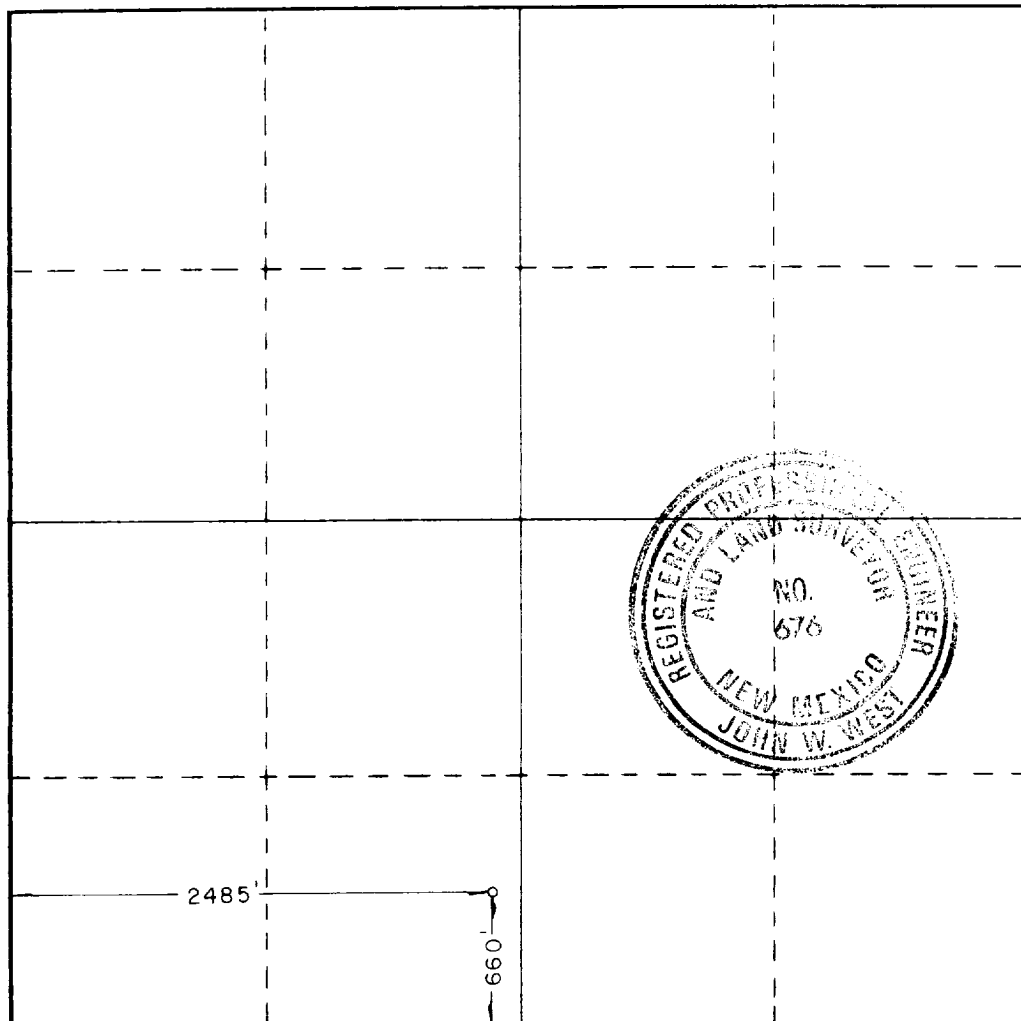
Operator J. CLEO THOMPSON & JAMES CLEO THOMPSON, JR., -A PARTNERSHIP UNIT OPERATOR			Lease WEST SQUARE LAKE UNIT TRACT 6		Well No. 8
Unit Letter N	Section 35	Township 16S	Range 30E	County EDDY	
Actual Footage Location of Well: 660 feet from the SOUTH line and 2485 feet from the WEST line					
Ground Level Elev. 3789.8	Producing Formation SA		Pool Square Lake G-SA	Dedicated Acreage: 40 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

Name
Position
Company
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 4/11/85	
Registered Professional Engineer and/or Land Surveyor <i>[Signature]</i>	
Certificate No. JOHN W. WEST, 676	RONALD J. EIDSON, 3239

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
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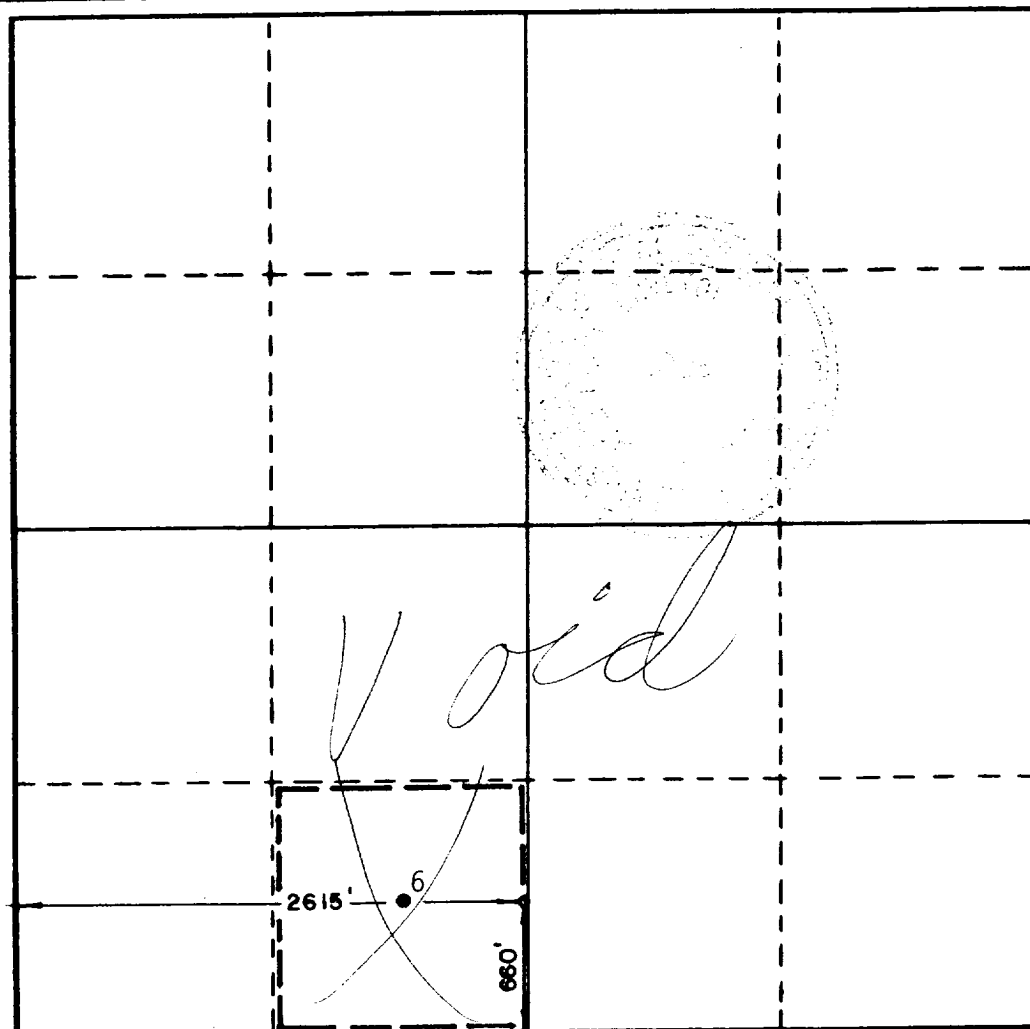
Operator J. CLEO THOMPSON & JAMES CLEO THOMPSON, JR., -A PARTNERSHIP UNIT OPERATOR			Lease WEST SQUARE LAKE UNIT TRACT 6		Well No. 8
Unit Letter N	Section 35	Township 16S	Range 30E	County EDDY	
Actual Footage Location of Well: 660 feet from the SOUTH line and 2615 feet from the WEST line					
Ground Level Elev. 3790.7	Producing Formation GRAYBURG-SAN ANDRES		Pool SQUARE LAKE GRAYBURG-SAN ANDRES		Dedicated Acreage: 40 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 _____

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CERTIFICATION

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

Name *Arthur R. Brown*
Arthur R. Brown

Position
Agent

Company J. CLEO THOMPSON & JAMES CLEO THOMPSON, JR.

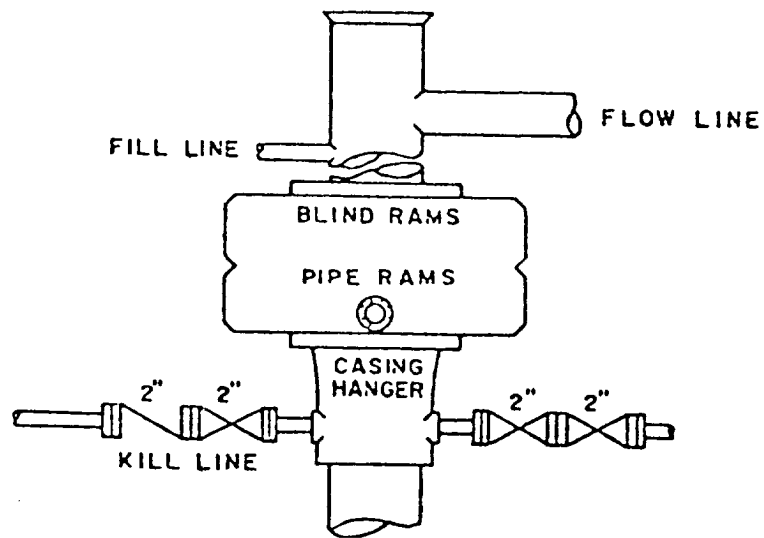
Date
JUNE 17, 1985

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
4/11/85

Registered Professional Engineer and/or Land Surveyor

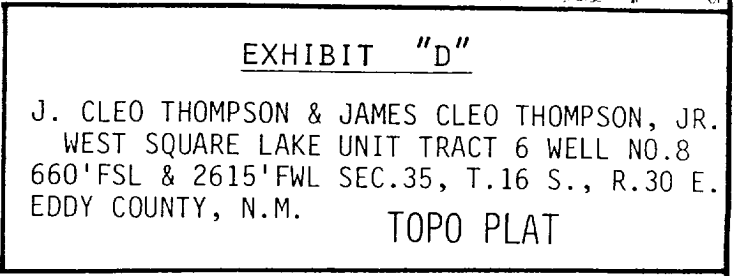
Ronald J. Eidson
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239



BOP STACK

2000 PSI WORKING PRESSURE

BOP ARRANGEMENT



SUPPLEMENTAL DRILLING DATA

J. CLEO THOMPSON & JAMES CLEO THOMPSON, JR.

WEST SQUARE LAKE UNIT TRACT 6 WELL NO. 8

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

Rustler	400'
Top Salt	550'
Base Salt	1300'
Grayburg	2750'
San Andres	3050'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Grayburg-San Andres Oil

4. PROPOSED CASING AND CEMENTING PROGRAM:

CASING SIZE	SETTING DEPTH		WEIGHT	GRADE	JOINT
	FROM	TO			
8-5/8"	0	500'	24#	K-55	STC
5-1/2"	0	3300'	15.5#	K-55	STC

8-5/8" casing will be cemented with approximately 250 sacks of cement.
Cement to circulate.

5-1/2" casing will be cemented with approximately 500 sacks of cement.
Cement to tie back to surface casing.

5. PRESSURE CONTROL EQUIPMENT:

A 2000 psi working pressure, double ram type preventer will be in use while drilling below the surface casing.

A BOP sketch is attached.

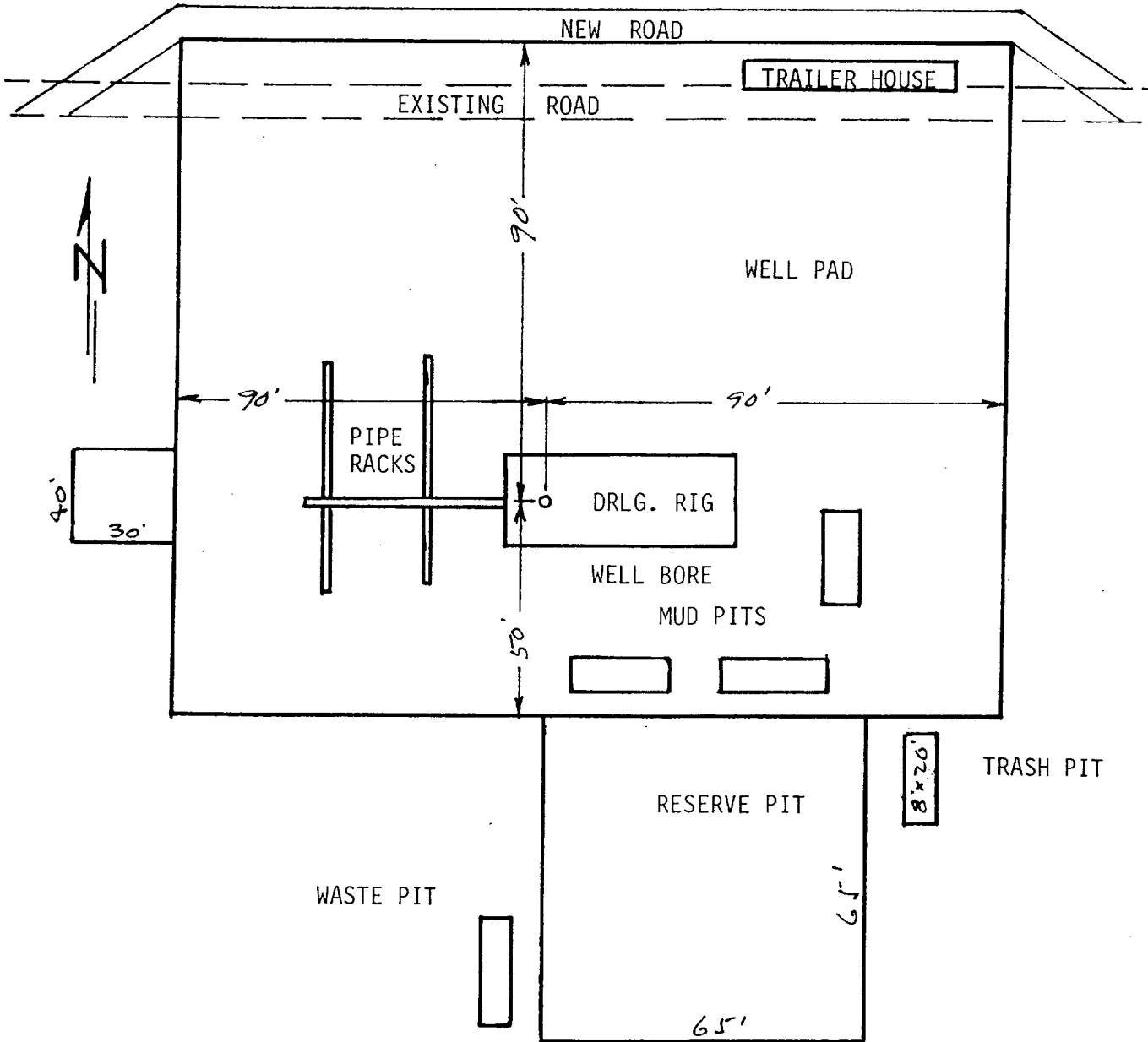


EXHIBIT "C"

J. CLEO THOMPSON & JAMES CLEO THOMPSON, JR.
WEST SQUARE LAKE UNIT TRACT 6 WELL NO.8

DRILLING RIG LAYOUT

SCALE: None