

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

Post Office Box 780, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1835 from North and 1100 from West of Section 33 27N 6W

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

35 miles south east of Blanco, New Mexico

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1100

18. NO. OF ACRES IN LEASE

1600

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

905

19. PROPOSED DEPTH

3200

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

6592

Ground

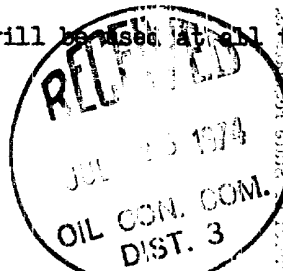
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	28#	120'	Sufficient to circulate
7 7/8"	3 1/2"	9.30	3200'	Approx. 300 sacks.

It is proposed to drill well to approx. 3200'. 3 1/2" casing will be run to TD and cemented with sufficient cement to cover Alamo Sand. After cement has set 120 hours or more, 3 1/2" will be perforated opposite Pictured Cliffs Sand and then Sand Water fraced. 1" IJ tubing will be run to top of Pictured Cliffs pay.

Apressure operated double blowout preventor will be used at all times while drilling below 120'.



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

TITLE Superintendent

DATE July 24, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL & GAS CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section.

Operator Caulkins Oil Company		Lease NM 03547		Well No. 13
Unit Letter E	Section 33	Township 27 North	Range 6 West	County Rio Arriba
Actual Footage Location of Well:				
1835 feet from the North line and		1100 feet from the West line		
Ground Level Elev. 6592	Producing Formation Pictured Cliff	Pool South Blanco	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

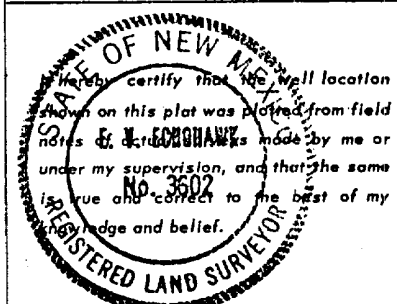
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Charles Verquer

Position
Sunt.

Company
Caulkins Oil Co

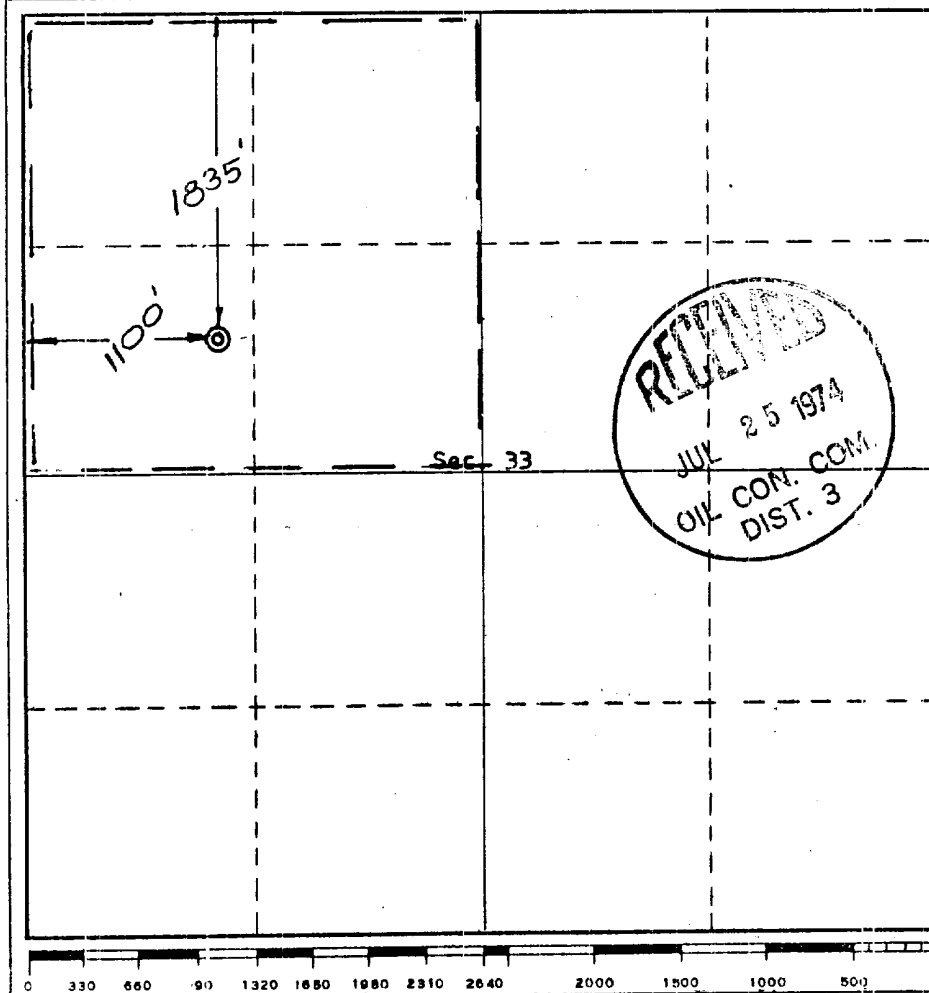
Date
July 24, 1974



Date Surveyed
July 23, 1974

Registered Professional Engineer and/or Land Surveyor

E.V. Echohawk
Certificate No. **3602**
E.V. Echohawk LS



CAULKINS OIL COMPANY
POST OFFICE BOX 780
FARMINGTON, NEW MEXICO

July 24, 1974

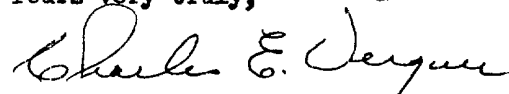
United State Dept. of the Interior
Geological Survey
Post Office Box 1809
Durango, Colorado 81301

Gentlemen:

Following is our 12 point development plan for surface use on our well number 13, located in NW $\frac{1}{4}$ of Section 33 27 North 6 West, Rio Arriba County, New Mexico:

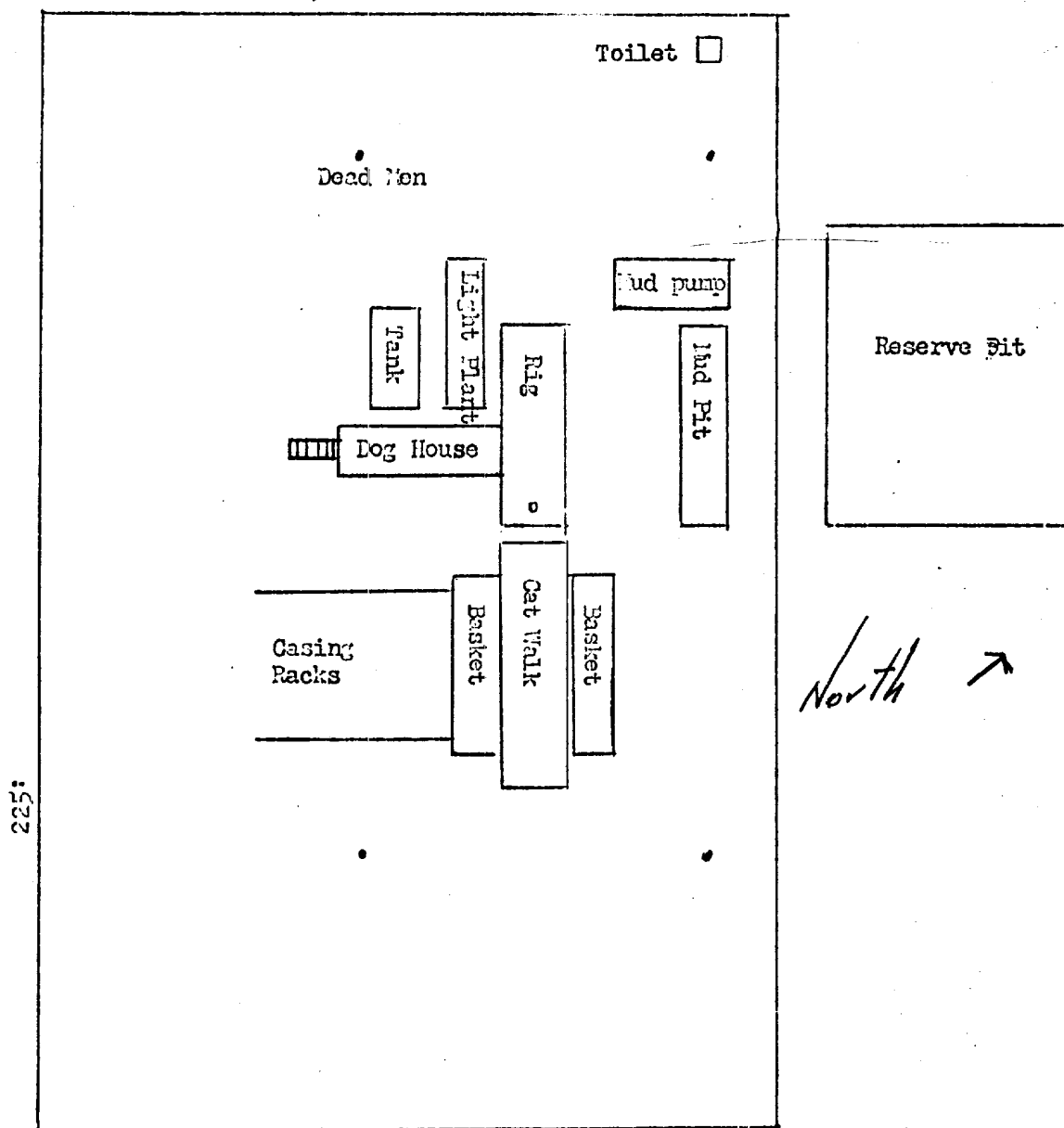
- (1) Use existing road now being used to service Caulkins Oil Company, Breech F, number 1. (Dakota Well)
- (2) See Topo map attached. Approx. 500' new road from existing road to new location.
- (3) (4) See Topo Map attached.
- (5) (8) (9) No tank battery, camp or airstrip.
- (6) Water will be hauled from Caulkins Water Hole, located in SW $\frac{1}{4}$ of Section 3, 26 North 6 West.
- (7) All cuttings, trash garbage, and etc. will be confined in reserve pit shown on attached layout plat.
- (10) Surface vegetation is sage brush and native grama.
- (11) Reserve pit will be cleaned up and leveled, then complete location area will be reseeded with BLM approved seed mixture.
- (12) Location will be on gentle hillside.

Yours very truly,



Charles Verquer, Supt.
Caulkins Oil Company

150'



Scale - 33 1/3 feet per inch

Well Number 13

Located in NW $\frac{1}{4}$ of Section 33 27 North 6 West

