

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20916

5. LEASE DESIGNATION AND SERIAL NO.

IM 03553

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech D

9. WELL NO.

383

10. FIELD AND POOL OR WILDCAT

South Blanco-Otero Chacra

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 21 26N 6 W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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-

P. O. Box 780, Farmington, New Mexico

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

At surface

790 from south and 1650 from east of Section 21 26 North 6 West

At proposed prod. zone

Same

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

35 miles southeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

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

790

16. NO. OF ACRES IN LEASE

1920

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

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

2140

19. PROPOSED DEPTH

3950'

20. ROTARY OR CABLE TOOLS

Rotary

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

6624 ground

22. APPROX. DATE WORK WILL START*

June 15, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4"	8 5/8"	21 1/2	120'	Sufficient to circulate
7 7/8"	4 1/2"	12.60	3950'	Approx. 400 sacks

It is proposed to drill well to approx. 4000'. 4 1/2" casing will be run to TD and cemented with sufficient cement to cover Alamo Sand. After cement sets 120 hours of more casing will be perforated opposite Chacra sand and then sand water fraced. Bridge plug will be set above Chacra perforations and then Pictured Cliffs will be perforated and sand water fraced. Bridge plug will be drilled out and the permanent type production packer will be set at approx. 3750'. 1 1/4" IH tubing will be run to production packer for Chacra production. 1" IJ tubing will be run to top of Pictured Cliffs pay.

A pressure 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

Charles E. Dejean

TITLE

Superintendent

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CAULKINS OIL COMPANY
Post Office Box 780
Farmington, New Mexico

May 30, 1974

United States 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 383, located in SE $\frac{1}{4}$ of section 21 26 north 6 west, Rio Arriba County, New Mexico:

- (1) Use existing road now used to service El Paso Natural Gas Company wells, Vaughn 13, Vaughn 19, Vaughn 23 and Vaughn 25.
- (2) Approx 200' of new road will be needed. See Topo map attached.
- (3) (4) See topo map attached.
- (5) No tank battery
- (6) Water will be hauled from Caulkins Water Hole (Water Well) located in SW $\frac{1}{4}$ of section 15 26 north 6 west.
- (7) All cuttings, trash, garbage and etc. will be confined in reserve pit shown on attached layout plat.
- (8) (9) No camp or airstrip.
- (10) Surface vegetation is sage brush, crested wheat 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. Approx. 6' cut will be required on high side of location.



Yours very truly,

Charles E. Verquer
Charles Verquer, Supt.
Caulkins Oil Company

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.

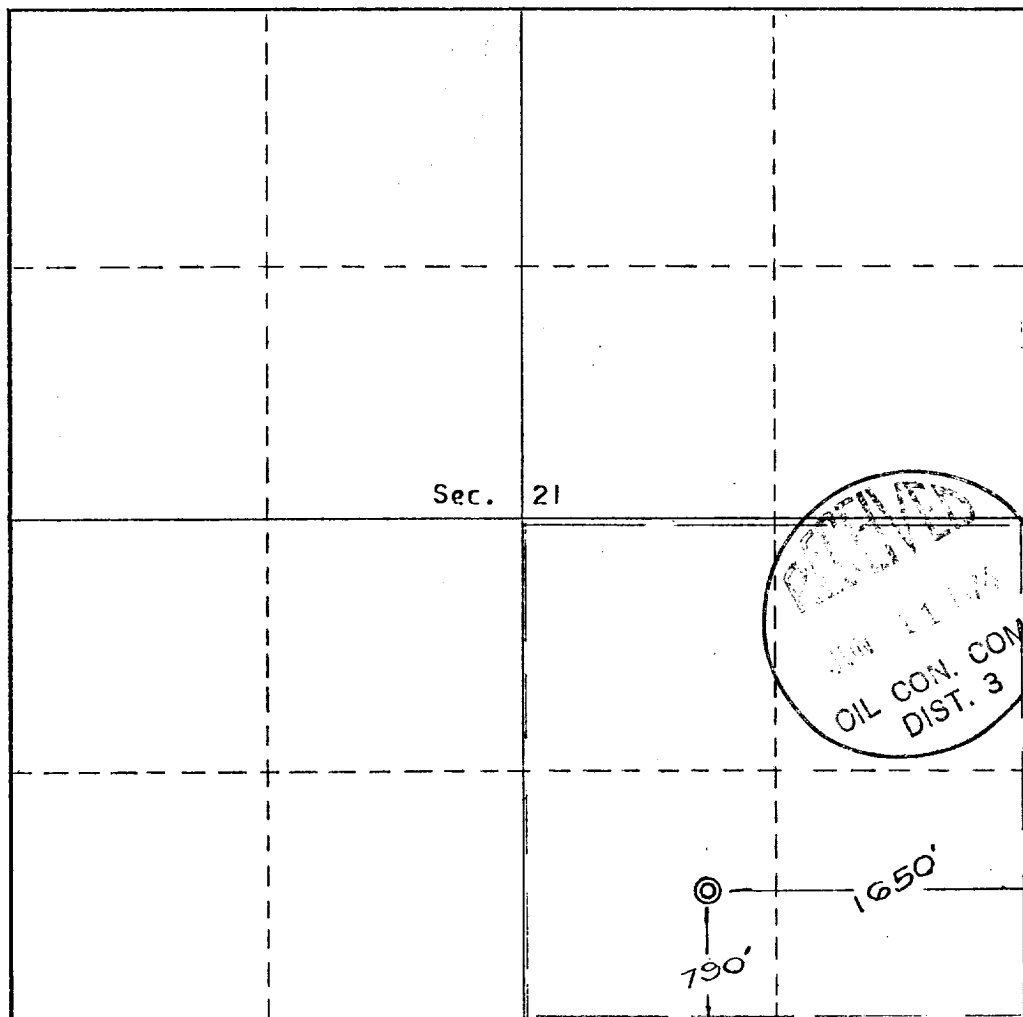
Operator Caulkins Oil Company			Lease NM 03553		Well No. 383
Unit Letter 0	Section 21	Township 26 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well: 790 feet from the South line and 1650 feet from the East line					
Ground Level Elev. 6694	Producing Formation Pictured Cliffs - Chacra		Pool South Blanco	Dedicated Acreage: 160 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

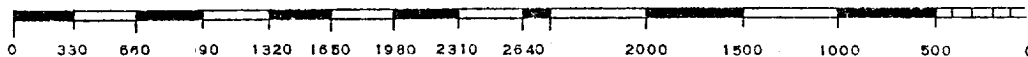
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

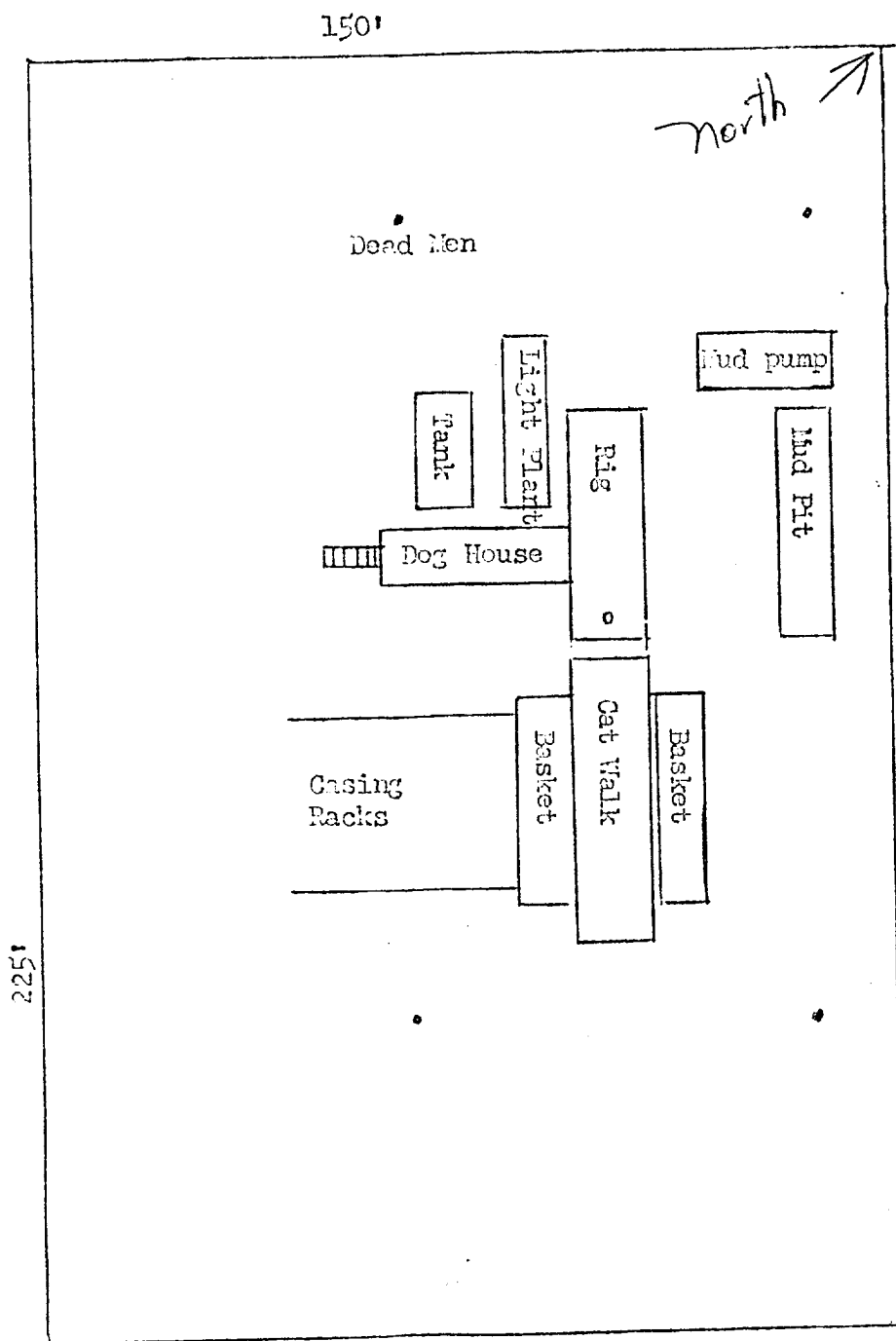
Name *Charles E. Viquez*
Position
Superintendent
Company
Caulkins Oil Company
Date
May 30, 1974

STATE OF NEW MEXICO
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
May 21, 1974
Registered Professional Engineer and/or Land Surveyor

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





Scale - 33 1/3 feet per inch

Well No. 383

Located SE $\frac{1}{4}$ section 21 26 north 6 west



Topographic map of the Ensenada area in Baja California, Mexico. The map shows contour lines, roads, and geographical features. Key labels include:

- ENSENADA** (large central area)
- Canyon** (multiple locations)
- Spring** (multiple locations)
- Gas Well** (multiple locations)
- Tapicito Creek** (bottom center)
- OIL** (lower right, near a circular feature)
- JUL** (lower right, near a circular feature)
- Tapicito** (bottom center)
- Creek** (bottom right)

The map is overlaid with a grid showing coordinates: 277000m.E, 278, 279, 2730', and 280.

Coast Kings Canyon
1 mi. E.
27°30'