

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21362

LEASE DESIGNATION AND SERIAL NO.
NM 03553

6. LEASE INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

7. UNIT AGREEMENT NAME

2. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

8. FARM OR LEASE NAME

Breech D

9. WELL NO.

358

10. FIELD AND POOL OR WILDCAT

South Blanco-Otero Chac

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

Section 21 26N 6W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mex.

3. NAME OF OPERATOR

Maulkins Oil Company

4. ADDRESS OF OPERATOR

Post Office Box 730, Farmington, New Mexico

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

At surface

1750' from the North and 1850' from the 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)

1750

16. NO. OF ACRES IN LEASE

1920

17. DISTANCE FROM PROPOSED LOCATION*

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

2000

18. PROPOSED DEPTH

4050

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

19. ROTARY OR CABLE TOOLS

Rotary

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

6634 Ground

22. APPROX. DATE WORK WILL START*

May 25, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 3/4	3 5/8	24#	120	Sufficient to circulate
7 7/8	4 1/2	10.5	4050	450 sacks

Surface formation San Jose. No abnormal pressure or temperature anticipated. It is proposed to drill well to 4050' using gel based 2" mud. Float will be run in drill pipe at bit. SS ind. and Density logs will be run in open hole.

Now 4 1/2" 10.5# H-40 casing will be cemented at TD with 350 sacks 50-50 nos cement containing 12% gel per sack followed by 100 sacks neat cement. Casing will have rotating scratchers and centralizers thru Pictured Cliffs & Chacra.

Baker Model "A" production packer will be run on 1 1/4" ID 2.3# tubing. Tubing will be set at top of Chacra zone with packer below Pictured Cliffs perforation.

Now 1" KU 10 rd thd. V-55 tubing will be run to top of Pictured Cliffs perforation. Pictured Cliffs and Chacra Zones will be sand water frac'd to stimulate prod.

A Shaffer 3" Model LWP, 6000# test, 3000# WP Blowout preventor will be in use at all times while drilling below 120'. Blowout preventor will be tested at least once during each 24 hours day.

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. Chapman

TITLE

Superintendent

DATE

March 17, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**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.

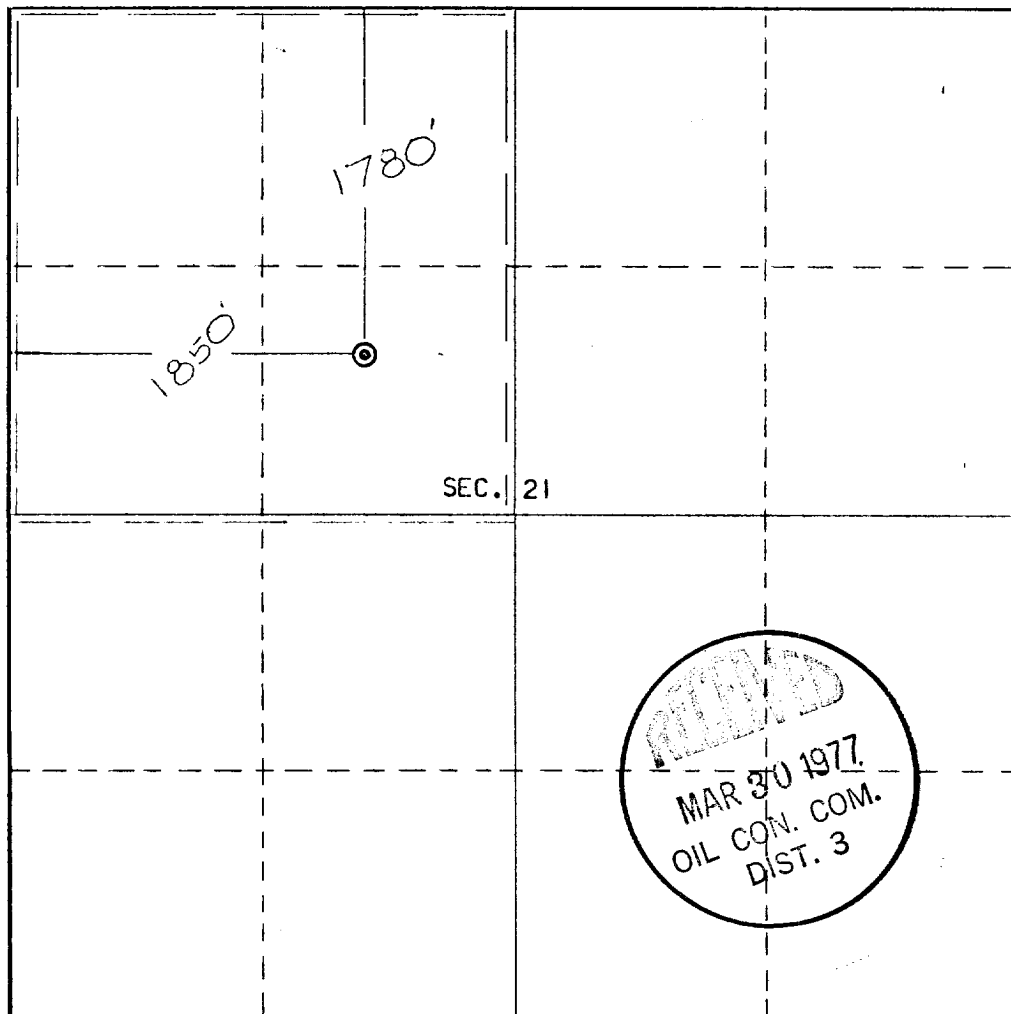
Operator Caulkins Oil Company			Lease NM 03553		Well No. 358
Dist Letter F	Section 21	Township 26 North	Range 6 West	County Rio Arriba	
Actual Plotage Location of Well:					
1780 feet from the North line and		1850 feet from the West line			
Ground Level Elev. 6684	Producing Formation Pictured Cliffs-Chacra	Pool Otero	Dedicated Acreage: 160 each <small>Acres</small>		

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 C. Arguier*
Position
Superintendent

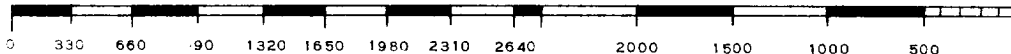
Company
Caulkins Oil Co.

Date
March 17, 1977

Date Surveyed
March 6, 1977

Registered Professional Engineer
and/or Land Surveyor

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



CAULKINS OIL CO.

Post Office Box 780
Farmington, New Mexico 87401

March 17, 1977

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

Gentlemen:

Following is our multi-point development plan for surface use and restoration for our well No. 358, located in Northwest Quarter of Section 21 26N 6W, Rio Arriba County, New Mexico.

- (1) Existing roads in area shown on Topo Map.
- (2) 1500' of new road will be required with this location. 5 water bars will be installed in road on slopes. New road will be no wider than 20'. Proposed new road and existing roads shown on topo map.
- (3) Location of existing wells shown on topo map.
- (4) No tank battery or production facilities required. Note: Gas Company of New Mexico as purchaser of gas will apply for permit for pipelines and production equipment.
- (5) Water will be hauled from Caulkins Oil Company well No. 130, located in Northwest Quarter of Section 9 26N 6W, Rio Arriba County, New Mex., identified by red circle on topo map. Roads on federal lands used to haul water from water well to location also shown on topo map.
- (6) No construction materials needed for roads or location.
- (7) All cuttings, trash, garbage and etc. will be confined to reserve pit and small fenced pit on location. After rig is moved out, area will be cleaned up, small pit covered and reserve pit fenced until fluid in pit evaporates. Reserve pit will be covered as soon as it dries sufficiently to proceed without damage to outside surface.
- (8) No camp required.
- (9) Layout plat for location and reserve pit attached. Location lays on 7 $\frac{1}{2}$ slope. A 6' cut on East side of location will be required to build location. Reserve pit will be built from earth materials, banks will be packed by tractor. Reserve pit will not be lined.

