

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21355  
5. LEASE DESIGNATION AND SERIAL NO.

IM 03381

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breesh "P"

9. WELL NO.

193

10. FIELD AND POOL, OR WILDCAT

South-Blanco-Otero Chacra

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

Section 7 26N 6W

12. COUNTY OR PARISH 13. STATE

San Arriba New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL

160 160.60

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

June 23, 1977

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 710, Farmington, New Mexico 87401

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

At surface

660 from the South and 950 from the West

At proposed prod. zone

Same

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

25 miles Southeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

950

16. NO. OF ACRES IN LEASE

1120

17. NO. OF ACRES ASSIGNED TO THIS WELL

160 160.60

18. DISTANCE FROM PROPOSED LOCATION\*

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

3400

19. PROPOSED DEPTH

3900

20. ROTARY OR CABLE TOOLS

Rotary

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

6500 Gr.

22. APPROX. DATE WORK WILL START\*

June 23, 1977

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	120	Sufficient to circulate
7 7/8	7 1/2	10.5	3900	150 Sacks

surface formation San Jose. No abnormal pressure or temperature anticipated.

It is proposed to drill well to 3900' using gel based 9' mud. Float will be run in drill pipe and bit. ES Incl. and Density logs will be run in open hole.

Run 1 1/2" 10.5# H-40 casing will be cemented at TD with 250 sacks 50-50 pas cement containing 1% gel per sack followed by 100 sacks Heat cement. Casing will have rotating scratchers and centralizers thru Pictured Cliffs and Chacra.

Later Model "R" production packer will be run on 1 1/4" IS 2.3/ tubing. Tubing will be cemented to top of Chacra Zone with packer below Pictured Cliffs perforation.

Run 1" NU 10 rd thd. 7-55 tubing will be run at top of Pictured Cliffs perforation.

Pictured Cliffs and Chacra Zones will be sand water frac'ed to stimulate prod.

A Saffler "M" Model LMP, 6000# test, 3000# WP Blowout preventer will be in use at all times.

Blowout preventer will be tested at least once during each 24 hr. period while drilling below 120'. Blowout preventer will be tested at least once during each 24 hr. period.

24.

SIGNED

Charles E. Vergara

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 O-128  
Supersedes O-128  
Effective 1-1-77

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

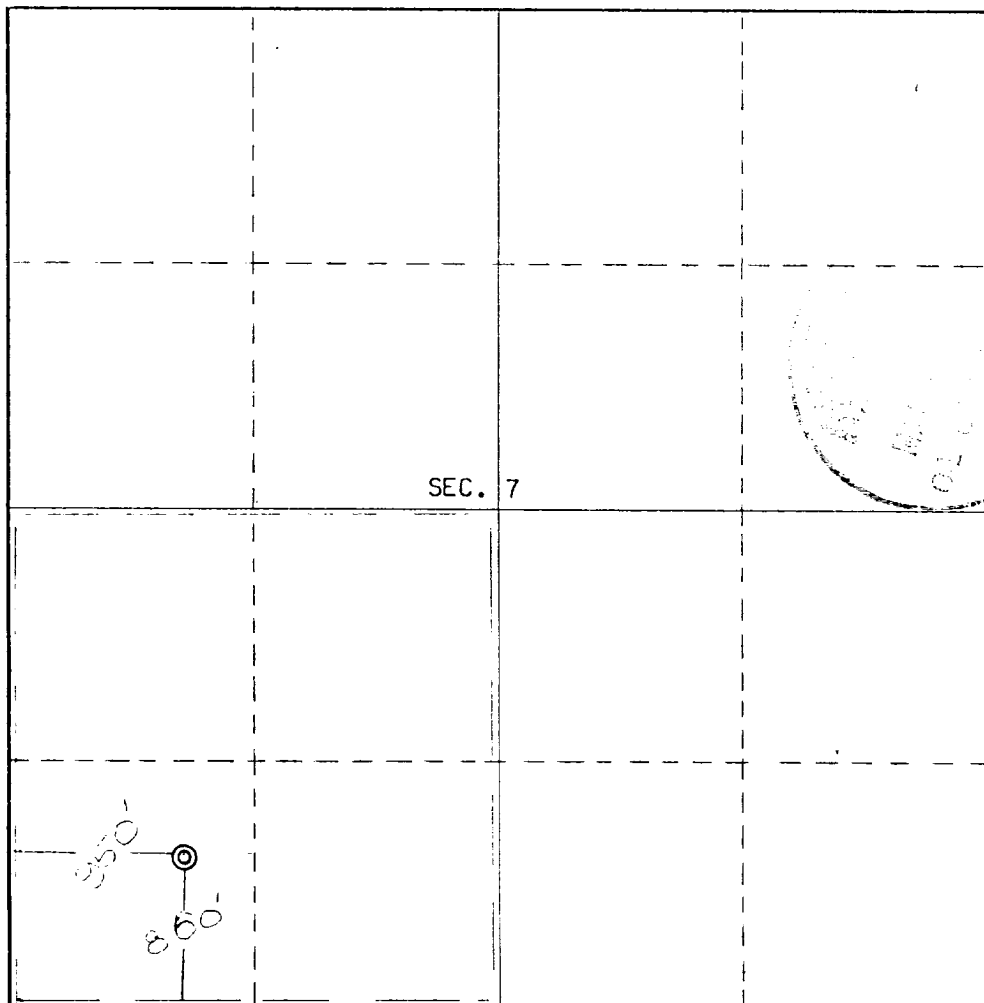
Caulkins Oil Company			Lease NM 03331		Well No. 193
M	7	26 North	6 West	Rio Arriba	
Well Location of Well:					
860	feet from the	South	line and	950	feet from the West line
6500	ft. Elevation	Pictured Cliffs Chacra		Pool	South Blanco Otero Chacra
					Dedicated Acreage <del>160</del> 160.60

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as 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. (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  
*Carlton E. Unger*  
Position  
Superintendent  
Company  
Caulkins Oil Company  
Date  
March 17, 1977

LAND SURVEYOR  
I hereby certify that the location shown on this plat was plotted in the field as of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.  
ERNEST V. ECHENHAWK  
REGISTERED LAND SURVEYOR  
NO. 3602

Date Surveyed  
March 7, 1977  
Registered Professional Engineer and Land Surveyor

*Ernest V. Echenhawk*  
Certificate No. 3602  
F.V. Echenhawk I.S.

# 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. 193, located in Southwest Quarter of Section 7 26N 6W, Rio Arriba County, New Mexico.

- (1) Location to be built 2000' from existing road. Copy of topo map showing proposed location and existing roads in area.
- (2) 2000' of new road will be bladed along existing trail used by ranchers to within 100' of new location, then turn up grade on location. Road will be no wider than 20'. Water bars will be installed approx. every 200' on new road. (10 water bars)  
Access road from Erkan Camp to new location marked on topo map.
- (3) Location of existing wells shown on topo map.
- (4) No tank battery or production equipment. Note: Gas Company of New Mexico as purchaser of gas will apply for permit for pipeline 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 Mexico, well 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 road 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 area.
- (8) No Camp required.
- (9) Layout plat of location and reserve pit attached. Location lays at crest of a 10% slope on west side and a 20% slope on east side. Surface will be cut 7' at stake to build location. Reserve pit will be built with earth material, banks will be packed by tractor. Reserve pit will not be lined.

- (10) Reserve pit will be covered and cleaned up then reseeded with BLM recommended seeding program with  $2\frac{1}{2}$  Crested Wheatgrass,  $2\frac{1}{2}$  Smooth Brome,  $1\frac{1}{2}$  Fourwinged Saltbrush (dewinged) and  $1\frac{1}{2}$  Nomad Alfalfa per acre. Reseeded area will include all location and reserve pit area to within 5' of all facilities. Seeding shall be done between July 15 and Oct. 15. All facilities maintained by Caulkins Oil Company shall be painted Green, Number 34127.
- (11) New location to be built 2000' from existing road. Area to be disturbed for road has been chained and reseeded by BLM. Also location area has been chained and reseeded.
- (12) Operator's representative:

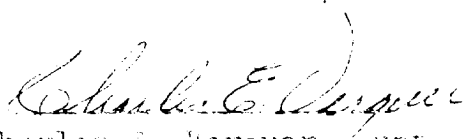
Charles E. Verquer, Supt.  
Post Office Box 730  
Farmington, New Mexico 87401

Phone: 325 0481

(13) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed will be performed by CAULKINS OIL COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

March 17, 1977

  
Charles E. Verquer, Supt.

