

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
ZONEMULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 340, Bloomfield, New Mexico

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

At surface

1450 from the South and 1850 from the East

At proposed prod. zone

Same

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

30 Miles South east of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

2200

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

500'

16. NO. OF ACRES IN LEASE

24.00

19. PROPOSED DEPTH

3750

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

6373 Gr.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

June 16, 1978

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"	24#	120	Sufficient to circulate
7 7/8"	4 1/2"	10.5	4050	

Surface formation San Jose. No abnormal pressure or temperature anticipated. It is proposed to drill well to 4050' using gel based 9# mud. Float will be run in drill pipe at bit. ES Ind. and Density logs will be run in open hole. New 4 1/2" 10.5# H-40 casing will be cemented at TD with 700 sacks 50-50 pos cement containing 12 1/2# gel per sack followed by 100 sacks Neat cement. Casing will have rotating scratchers and centralizers thru Pictured Cliffs and Chacra. Baker Model "R" production packer will be run on 1 1/4" 1J 2.3# tubing. Tubing will be set at top of Chacra zone with packer below Pictured Cliffs perforations. New 1" NU 10rd thd. V-55 tubing will be run to top of Pictured Cliffs perforations. Pictured Cliffs and Chacra Zones will be sand water frac'ed to stimulate prod. A Shaffer 8" 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 hour day.

Gas is dedicated
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

Richard E. Cargill

TITLE

Superintendent

DATE

10-28-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OK

57

*See Instructions On Reverse Side

**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

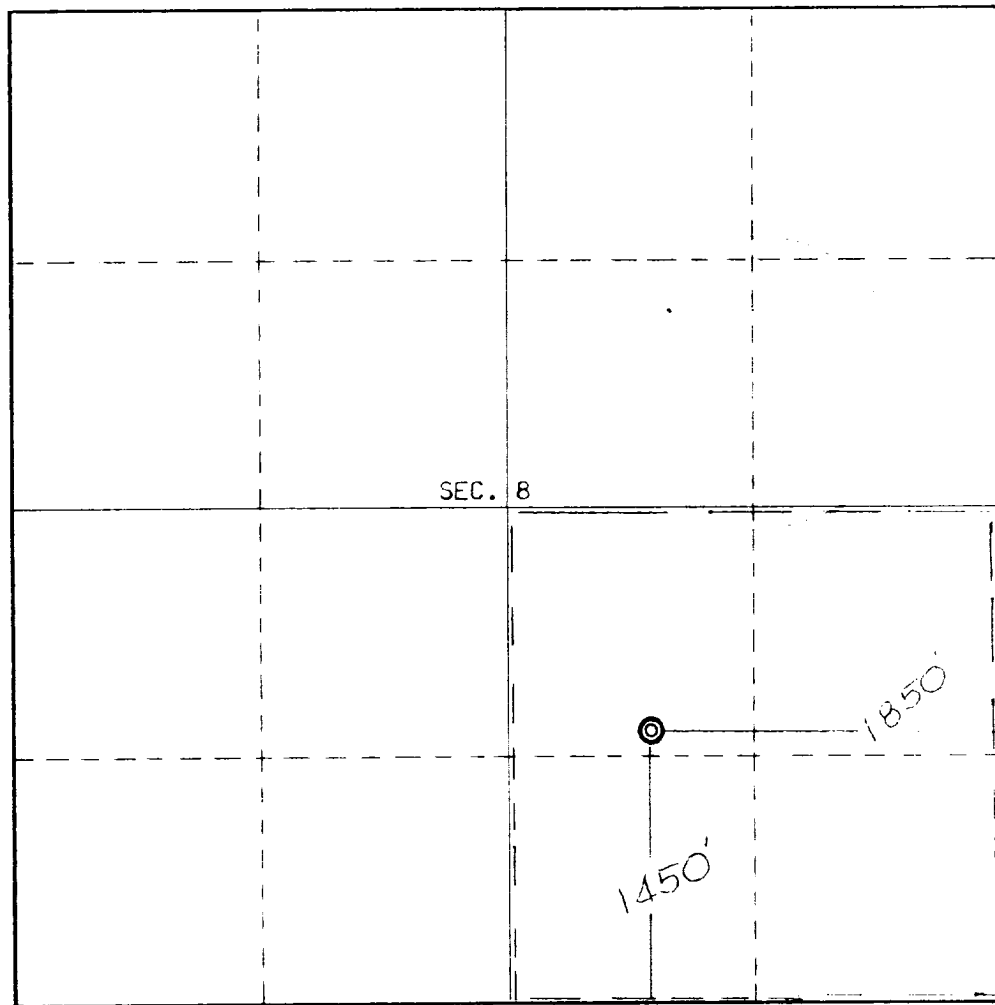
Operator Caulkins Oil Company			Lease SF 079035-A		Well No. 675
Range J	Section 8	Township 26 North	Range 6 West	County Rio Arriba	
Actual Portage Location of Well:					
1450	feet from the	South	line and	1850	feet from the East line
Ground Level Elev. 6373	Pictured Cliffs Chacra		Pool South Blanco Otero Chacra	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: *E. V. Echohawk*

Position: **Superintendent**

Company: **Caulkins Oil Company**

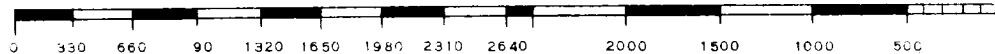
Date: **Oct. 26, 1977**

By _____ I certify that the location shown on this plat was plotted from field notes 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.

Date surveyed: **October 18, 1977**

Registered Professional Engineer
and/or Land Surveyor

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



CAULKINS OIL CO.

Post Office Box 780
Farmington, New Mexico 87401

Date Oct. 26, 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. 675, located in SE $\frac{1}{4}$ of Section 8, 26 North, 6 West, Rio Arriba County, New Mexico.

- (1) (3) Existing roads and wells in area shown on Topo Map.
- (2) 500' of New Road required. Water bars will be placed in road on slope. Road will be no wider than 20'.
- (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 NW $\frac{1}{4}$ of Section 9, 26 North, 6 West, Rio Arriba County, New Mexico. Water well identified on Topo Map with red Circle. Roads used to transport water also marked in red.
- (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 area.
- (8) No Camp required.
- (9) Layout plat for location and reserve pit attached. Location lays on 7% slope. A 8' cut on South 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.
- (10) All disturbed area will be cleaned up then reseeded with BLM recommended seeding program, 2 1/2# Crested Wheatgrass, 2 1/2# Smooth Brome, 1/2# Fourwing Saltbrush (dewinged) and 1# 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 Grey, Number 36357.

(11) New location will be 500' from existing road. Vegetation
on area to be disturbed for roads and location is Blue Gama

(12) Operator's representative:

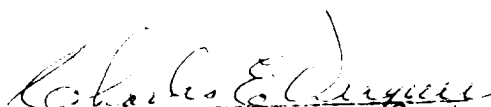
Charles E. Verquer, Supt.
Post Office Box 780
Farmington, New Mexico 87401

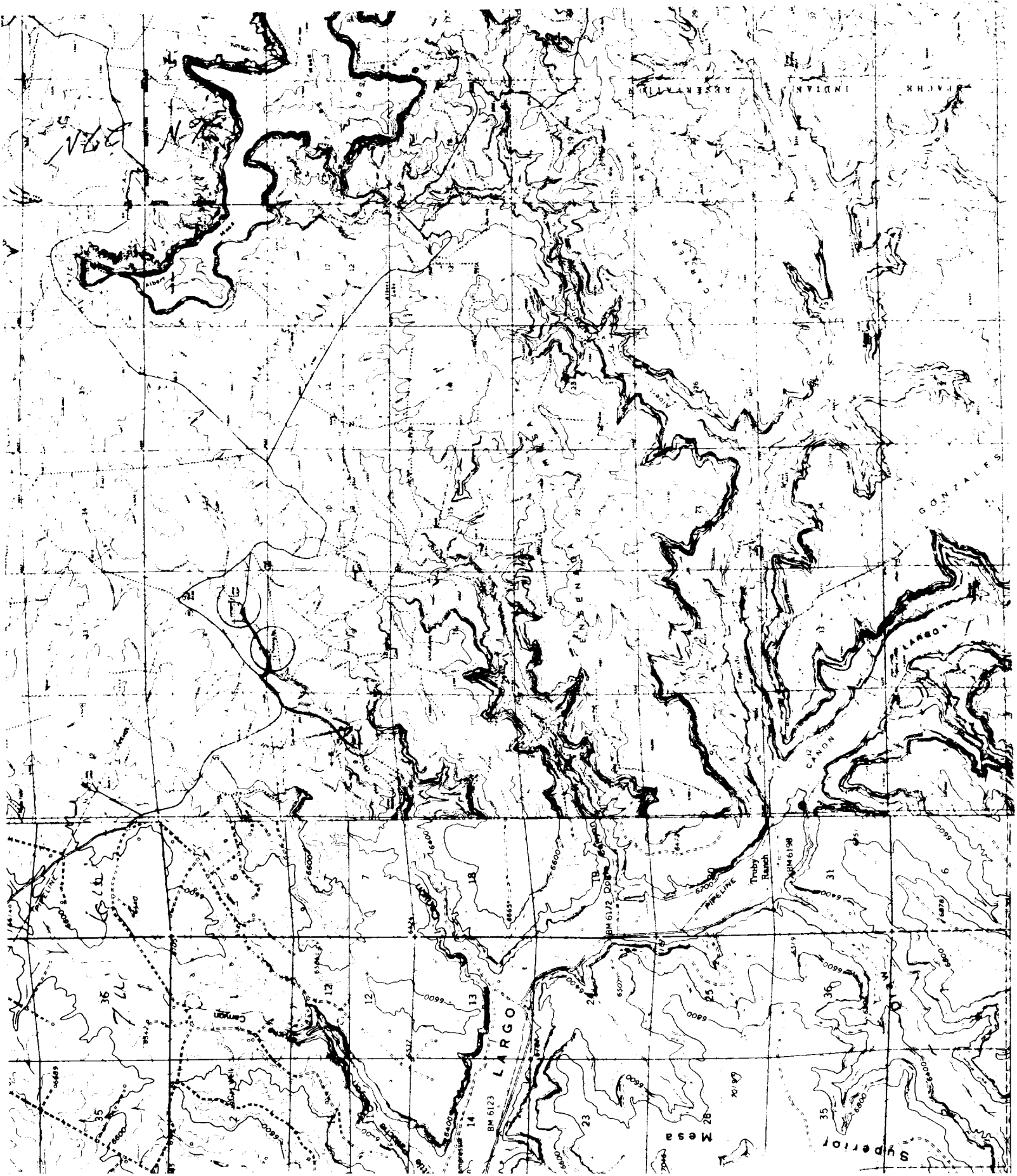
Phone: 325 0481

(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.

Oct. 26, 1977
Date


Charles E. Verquer, Supt.
Caulkins Oil Company



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF-079035-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Caulkins Oil Company	8. FARM OR LEASE NAME Breech A
3. ADDRESS OF OPERATOR P.O. Box 730 Farmington, New Mexico	9. WELL NO. 675
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1450 from the South and 1350 from the East	10. FIELD AND POOL OR WILDCAT South Blanco P.O. Otero-Chacra
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 8 26N 6W
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 3673 GR	12. COUNTY OR PARISH Rio Arriba
	13. STATE N Mex.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

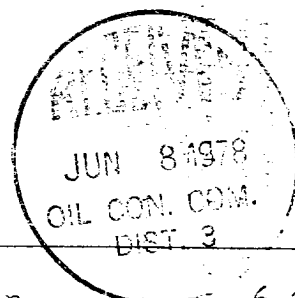
Spud at 2:30 PM 5-31-78

Drilled 12 1/4" hole to 102'

Cemented 3 5/8" New 24# K-55 casing at 102' with 35 sacks 2% CACL.
Cement circulated to surface.

Plug down 1:45 AM 6-1-78

Tested surface casing 6-1-78 with 500# for 30 minutes.
No decrease in pressure.



18. I hereby certify that the foregoing is true and correct

SIGNED Danilo Blonetto

TITLE Prod. Foreman

DATE 6-2-78

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

RECEIVED
JUN 7 1978

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
BOSTON, MASS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 079035-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech A

9. WELL NO.

675

10. FIELD AND BOOTH OR WILDCAT

South Blanco PC

Otero-Chacra

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

Sec 8 26N 6W

12. COUNTY OR PARISH

Rio Arriba N Mex.

1.

OIL WELL ☐ GAS WELL ☒ OTHER

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.*
See also space 17 below.)
At surface

1450 from the South and 1850 from the East

14. PERMIT NO.

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

6373 Gr

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 3765' TD Reached 6-6-78

Ran ES Induction Log

Ran 4 1/2" 10.5# K-55 new casing to 3690' and cemented with 422 sacks of 50/50 Poz., 6% Gel, 12 /12# Gils. per sack followed by 290 sacks Class "B" Neat.

Plug down 11:50 AM 6-7-78.

Cement circulated to surface.

18. I hereby certify that the foregoing is true and correct

SIGNED Diante B. Bennett

TITLE Prod. Foreman

DATE 6-10-78

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

RECEIVED

JUN 16 1978

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
BUREAU OF MINERAL RESOURCES