

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20913

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. MI 03733
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Caulkins Oil Company			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 780, Farmington, New Mexico			8. FARM OR LEASE NAME Breech
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790 from east 1550 from south Section 23 26N 7W At proposed prod. zone Same			9. WELL NO. 368
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 32 miles Southeast of Blanco, New Mexico			10. FIELD AND POOL OR WILDCAT South Blanco - Otero Chacra
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1550		16. NO. OF ACRES IN LEASE 2400	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23 26 North 7 West
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2500'		19. PROPOSED DEPTH 3750'	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6572		20. ROTARY OR CABLE TOOLS Rotary	13. STATE New Mexico
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#	120'	Sufficient to circulate
7 7/8"	4 1/2"	12.60#	3750'	Approx. 400 sacks

It is proposed to drill well to approx. 3750'. 4 1/2" casing will be run to TD and cemented with sufficient cement to cover Alamo Sand. After cement sets 120 hours or more, casing will be perforated opposite Chacra Sand and then sand water fraced with approx. 50,000# sand. 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 then permanent type production packer will be set at approx. 3550'. 1 1/4" 2.4# IJ tubing will be run to production packer for Chacra production. 1" 1.7# 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. Dargatzis

TITLE

Superintendent

DATE

5-30-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

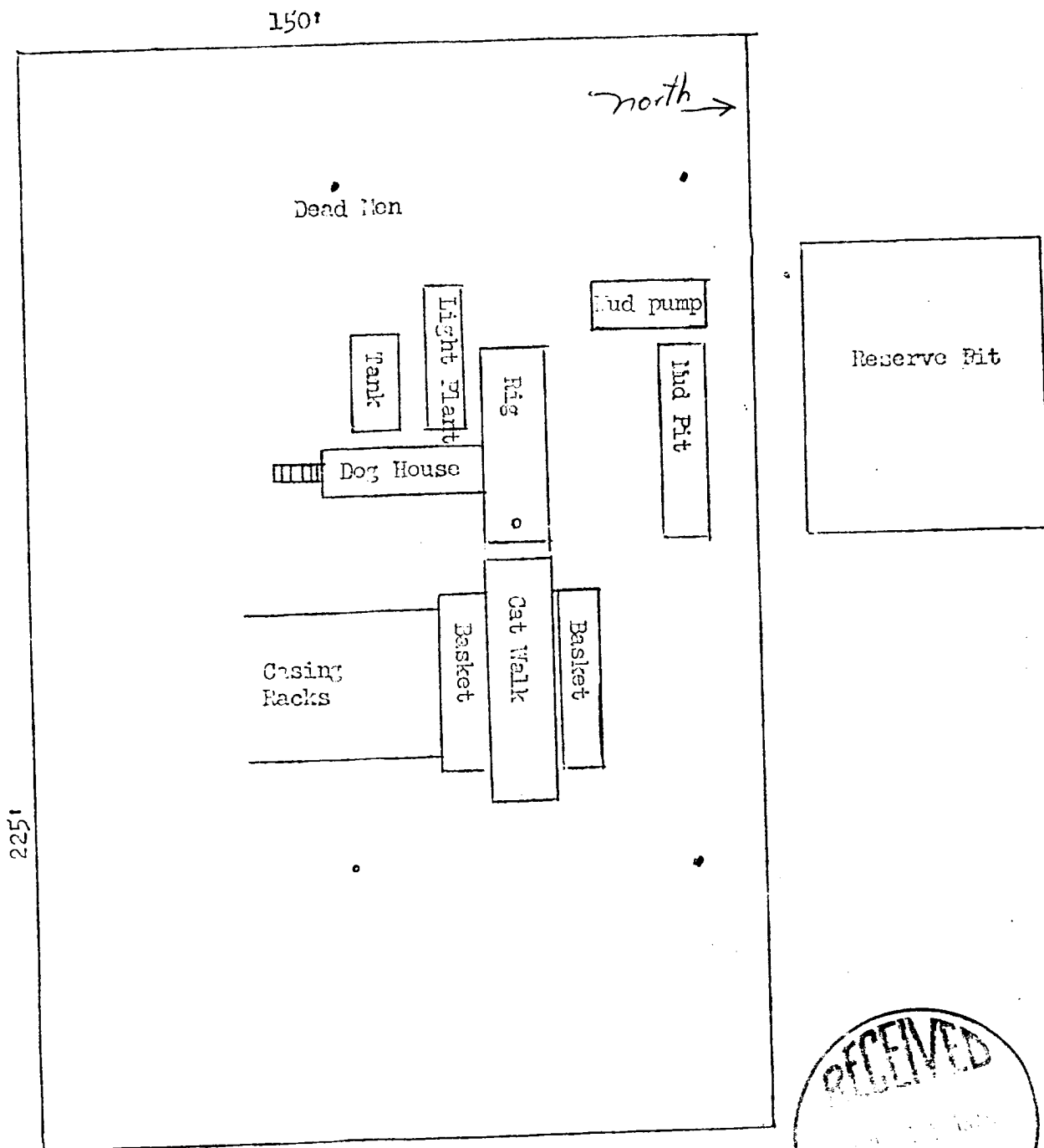
APPROVED BY

CA

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



Scale - 33 1/3 feet per inch

Well Number 382

Located SE $\frac{1}{4}$ section 23 26 north 7 west



**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.

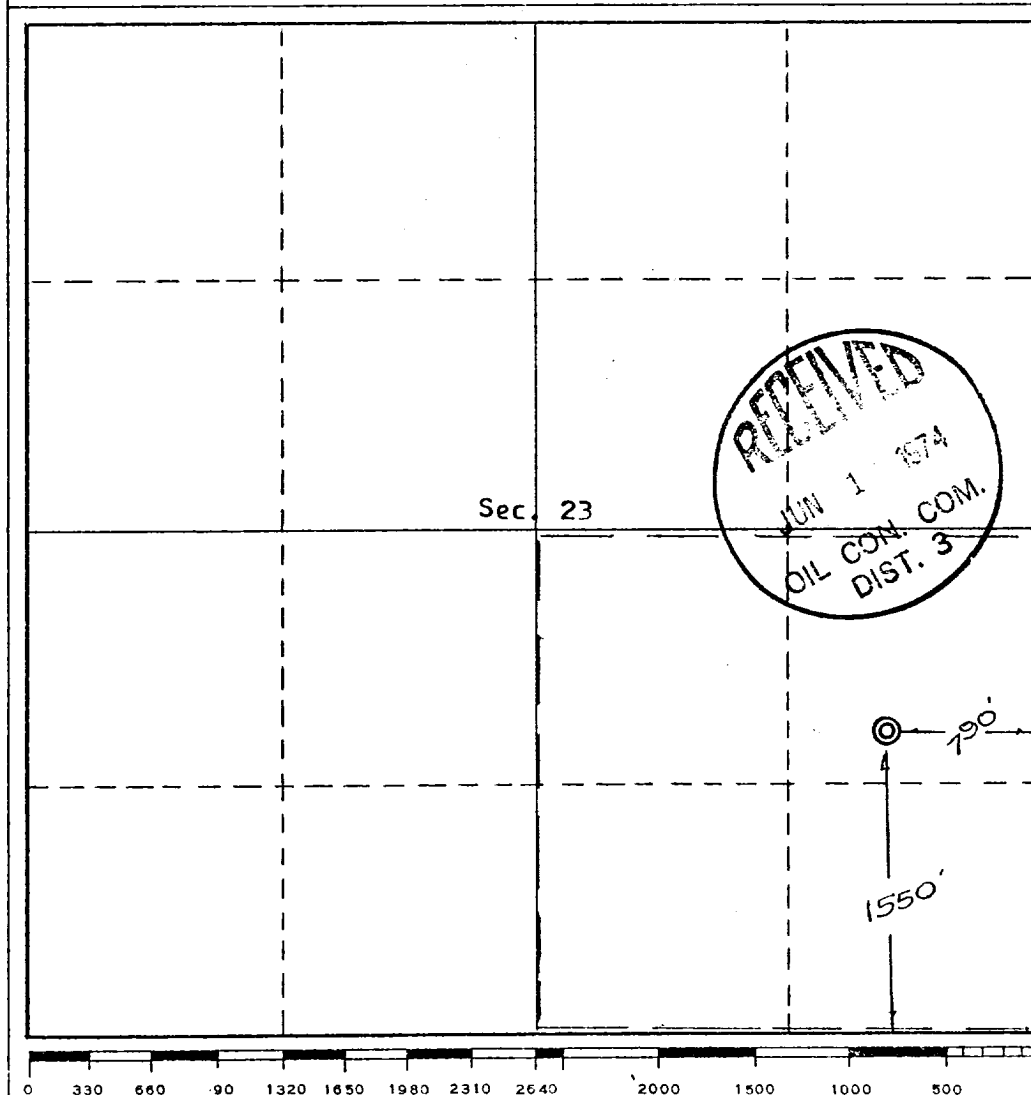
Operator Caulkins Oil Company			Lease NM 03733		Well No. 368
Unit Letter I	Section 23	Township 26 North	Range 7 West	County Rio Arriba	
Actual Footage Location of Well: 1550 feet from the South line and 790 feet from the East line					
Ground Level Elev. 6572	Producing Formation Pictured Cliffs-Chacra		Pool South Blanco 40 acres		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 _____

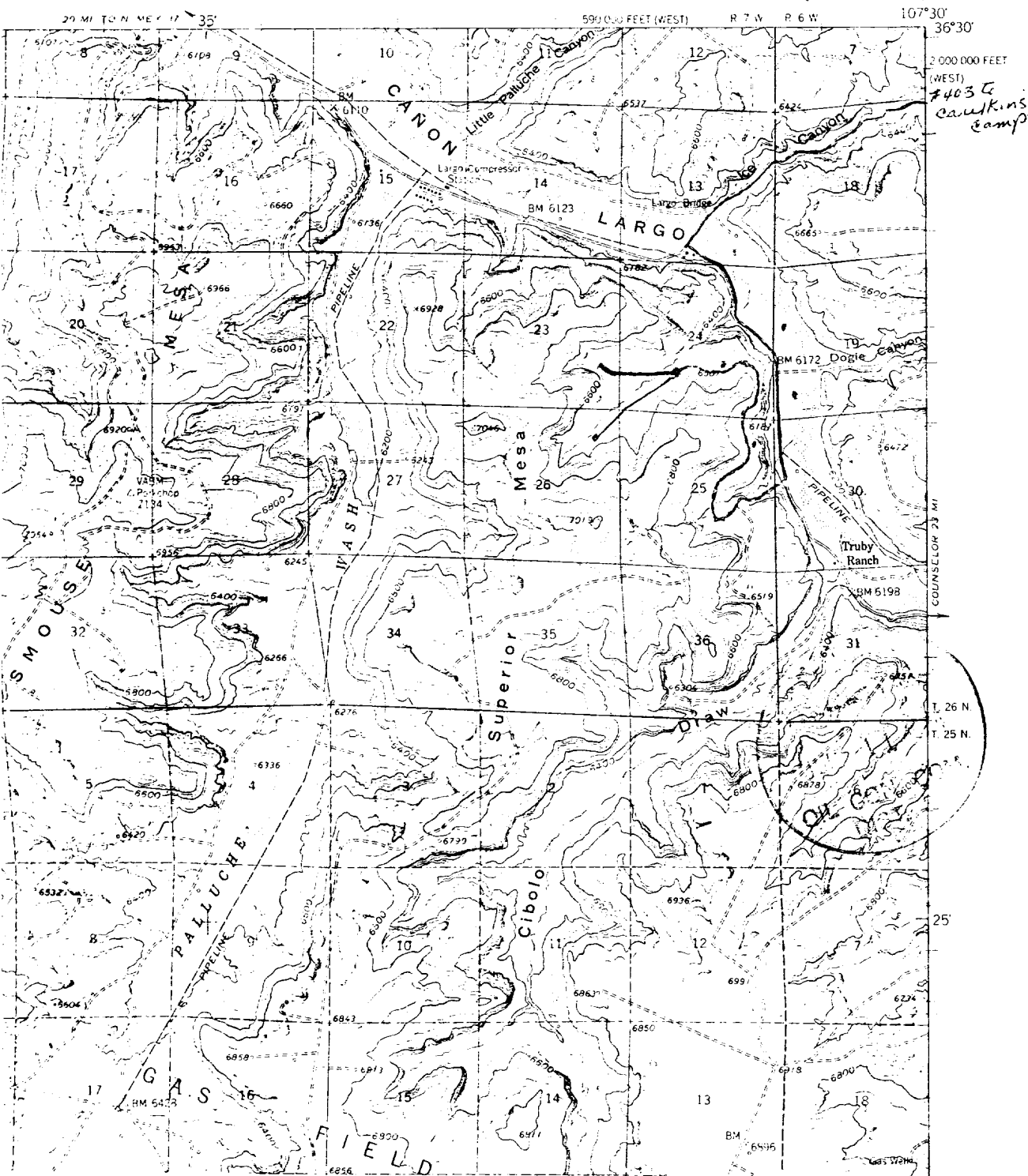
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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 <i>Charles E. Wagner</i>	Position Superintendent
Company Caulkins Oil Company	
Date May 30, 1974	
Date Surveyed May 21, 1974	
Registered Professional Engineer and/or Land Surveyor <i>E.V. Echoshawk</i>	
Certificate No. 3602 E.V. Echoshawk LS	

NAGEEZI QUADRANGLE
NEW MEXICO
15 MINUTE SERIES (TOPOGRAPHIC)



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 368, located in SE $\frac{1}{4}$ of section 23 26 North 7 West, Rio Arriba County, New Mexico:

- (1) Existing roads will be used to point where New Location for Well No. 382 is built.
- (2) Approx. 2500' of new road will be required for this new location. Proposed plans call for new road to follow same right o way for Southern Union Gas Co. pipeline. This proposed right o way would follow ridge from new well location being drilled in section 24 (# 382 in SW $\frac{1}{4}$ of section 24 26 7W) to a point approx. 500' south of this location then on to location. See Topo map attached.
- (3) See Topo map attached.
- (4) Ditto
- (5) No tank batteries.
- (6) Water will be hauled from pit in Largo Canyon. Pit is located at bridge near Largo Canyon School.
- (7) All cuttings, trash, Garbage and etc. will be confined in reserve pit shown on attached layout plat.
- (8) (9) No camps or airstrip
- Ø 10) Surface vegetation is sage brush, and nativegrama. Road may require some Cedar trees to be removed.
- (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 on high side of location will be required.



Yours very truly,

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