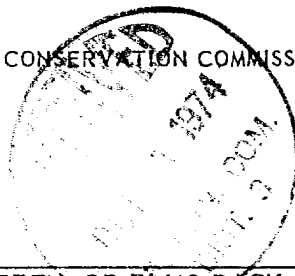


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NEW MEXICO OIL CONSERVATION COMMISSION



30-031-20425

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Santa Fe RR 'B'
2. Name of Operator Tesoro Petroleum Corporation		9. Well No. 38
3. Address of Operator 1776 Lincoln St. Suite 1012, Denver, Colorado 80203		10. Field and Pool, or Wildcat Hospah Dakota
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>5</u> TWP. <u>17N</u> RGE. <u>8W</u> NMPM		12. County McKinley
19. Proposed Depth 2800'		19A. Formation Dakota
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 6890' GL	21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Young
22. Approx. Date Work will start 10/20/74		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	20#	100'±	100	Circ.
7 7/8"	5 1/2"	14#	2800'±	360	1100'

Tesoro Proposes to drill and complete the above captioned development well using the following procedure:

1. Drill a 12 1/4" surface hole to 100'±, run 8 5/8" casing and cement to surface w/approx. 100 sx. containing 2% CaCl. Wait on cement 8 hours. Test 8 5/8" casing to 600 psi for 30 minutes.
2. Install BOP equipment and test to 2000 psi for 30 minutes.
3. Drill a 7 7/8" hole through the 8 5/8" casing to 2800'±. Hole will be mudded up at approx. 1300' w/ a low water loss drilling fluid to protect the U. Hospah interval.
4. Run electric logs to evaluate productive formations; run and set 5 1/2" casing at approx. 2700'. Wait on cement 12 hours. Test 5 1/2" casing to 1425 psi.
5. Perforate the porous Dakota 'D' intervals, swab well in and test.

APPROVAL VALID
FOR 90 DAYS
DATE 1-9-75

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed L. C. Marguerat Title District Engineer Date 10/16/74

(This space for State Use)

APPROVED BY Emory E. Amos TITLE SUPERVISOR DIST. #3 DATE OCT 11 1974

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.

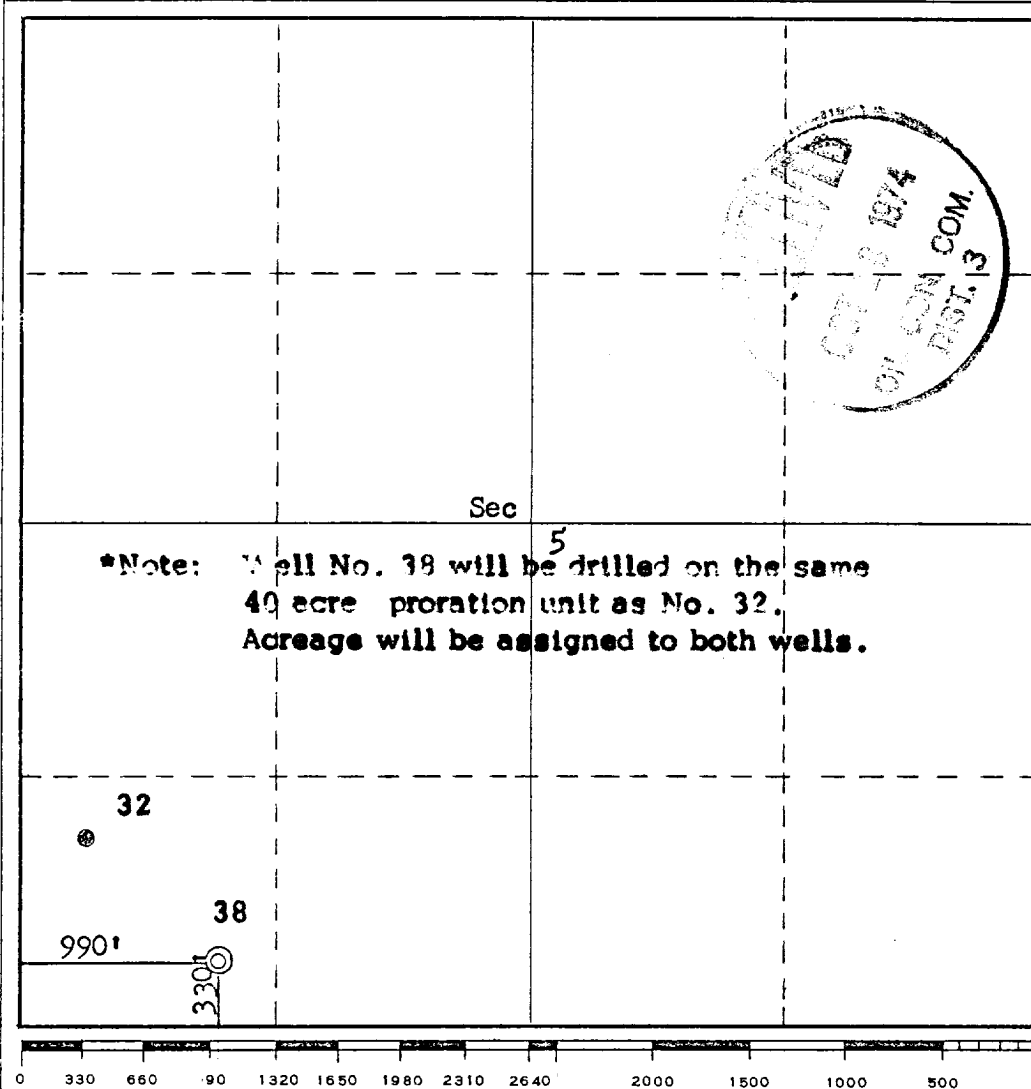
Operator Tesoro Petroleum Corporation			Lease Santa Fe RR B		Well No. 38
Unit Letter M	Section 5	Township 17N	Range 8W	County McKinley	
Actual Footage Location of Well: 330 feet from the South line and 990 feet from the West line					
Ground Level Elev. 6890	Producing Formation Dakota 'D'		Pool Hospah Dakota		Dedicated Acreage: 40* Acres

- 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.

L. Charles Marquart
Name

L. Charles Marquart

Position
District Engineer

Company
Tesoro Petroleum Corporation

Date
10/16/74

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
October 10, 1974

Registered Professional Engineer and/or Land Surveyor

Fred B. Kern
Fred B. Kern

Certificate No.

3950