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NEW MEXICO OIL CONSERVATION COMMISSION

30-031-20745
30-031-
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
2. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Santa Fe Railroad	
3. Name of Operator Tesoro Petroleum Corporation		9. Well No. 42	
4. Address of Operator 2000 1st of Denver Plaza, Denver, CO 80202		10. Field and Pool, or Wildcat South Hoshali Field Wildcat Entrada	
5. Location of Well UNIT LETTER F LOCATED 2310 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE OF SEC. 7 TWP. 17N RGE. 8W NMPM		11. County McKinley	
19. Proposed Depth 4000'		19A. Formation Entrada Sand	
20. Rotary or C.T. Rotary		21. Elevation (Show whether D.E., R.T., etc.) 7034' GL	
21A. Kind & Status Plug, Bond NM Blanket		21B. Drilling Contractor Salazar	
22. Approx. Date Work will start November 20, 1981			

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"	24#	250'	150 "G", w/3% CC	surface
7 7/8"	5 1/2"	15.5#	4000'	100 "G"	3500 ft.

1. Drill 12 1/4" hole to 250 ft. and set 250 ft. of 8 5/8", 24# casing. Cement to surface. WOC 12 hrs.
2. Drill 7 7/8" hole to 4000 ft. Use 2000#, annular type BOP w/choke and kill lines.
3. Run DIL-GR-SP, CNL-FDC-GR-CAL. and Sonic-GR logs from 4000 ft. - 1400 ft.
4. If Entrada sand is present and appears promising on logs, run a DST. If successful, run 4000 ft. 5 1/2", 15.5# csg. and cement to 500 ft. above Entrada.
5. Perforate Entrada and test. If stimulation is warranted, acidize and/or fracture stimulate and test for commercial production.

No additional surface disturbance is anticipated in doing this work.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 4-28-82



1. 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 W.J. P... Title District Operations Manager Date 10/20/81

(This space for State Use)

APPROVED BY Sam T. Gray TITLE SUPERVISOR DISTRICT # 3 DATE OCT 28 1981

CONDITIONS OF APPROVAL, IF ANY:

See accounting change

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

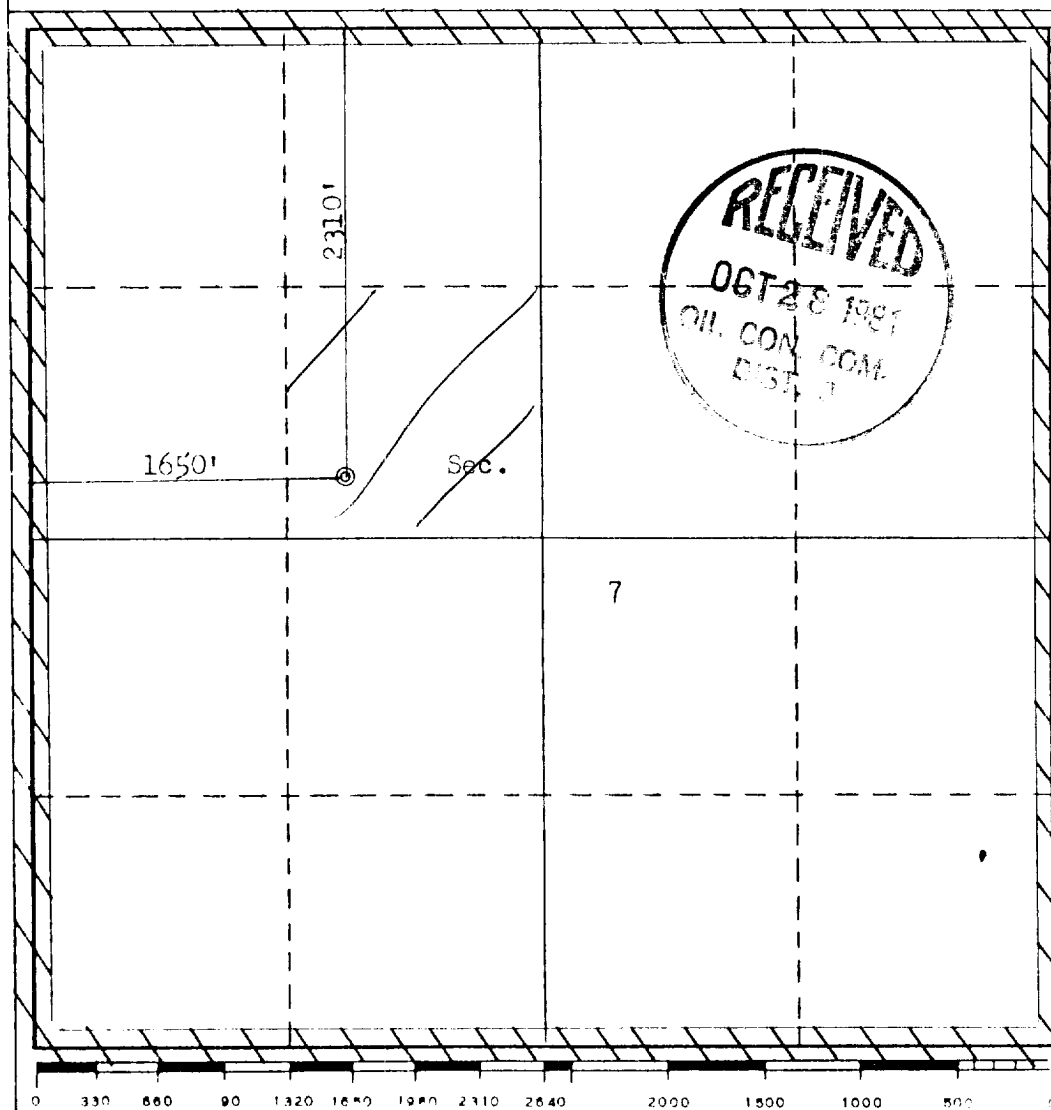
Operator TESORO PETROLEUM CORPORATION			Lease SANTA FE		Well No. 42
Unit Letter F	Section 7	Township 17N	Range 8W	County McKinley	
Actual Footage Location of Well: 2310 feet from the North line and 1650 feet from the West line					
Ground Level Elev. 7034	Producing Formation Entrada	Pool LOWER S. Hospah Entrada Sand		Dedicated Acreage: 840 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). One lease
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.

W. F. Parks
 Name
 W. F. Parks
 Position
 Dist. Operations Manager
 Company
 Tesoro Petroleum Corp.

Date
 10/20/81

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 14, 1981
 Registered Professional Engineer
 and/or Land Surveyor

 Fred B. Kerr Jr.
 Certificate No.

3950

59°00'00" N

T 18 N

T 17 N

38°10'00" S

42°00'00" W

