

30-031-20612

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

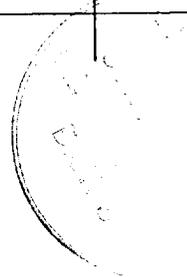
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 DRILL DEEPEN PLUG BACK
 b. Type of Well
 OIL WELL GAS WELL OTHER Injection Well SINGLE ZONE MULTIPLE ZONE
 2. Name of Operator: Tesoro Petroleum Corp.
 3. Address of Operator: 2000 1st of Denver Plaza, 633 17th St. Denver, CO 80202
 4. Location of Well: UNIT LETTER J LOCATED 2390 FEET FROM THE south LINE AND 1475 FEET FROM THE east LINE OF SEC. 36 TWP. 18N RGE. 9W NMPM
 7. Unit Agreement Name: Hospah Sand Unit
 8. Farm or Lease Name: Hospah Sand Unit
 9. Well No.: 90
 10. Field and Pool, or Wildcat: Hospah - Upper Sand
 12. County: McKinley
 19. Proposed Depth: 1840'
 19A. Formation: U. Hospah
 20. Rotary or C.T.: Rotary
 21. Elevations (Show whether DF, RT, etc.): 7129' GR
 21A. Kind & Status Plug. Bond: NM Blanket
 21B. Drilling Contractor: Salazar Drilling Co.
 22. Approx. Date Work will start: 7/1/80

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"	23	40'	30 sx	surface
7 7/8"	5 1/2"	14	1840'	125 sx	1100'

1. Drill 12 1/4" hole to 40', set 8 5/8" csg. and cement to surface.
2. Drill 7 7/8" hole to TD using fresh water and gel-chemical mud.
3. Run Dual Induction Laterlog from TD to 40'.
4. Run and set 5 1/2" casing string at TD and cement w/125 sx.
5. Well will be completed through perforations as injection well.



An application for administrative approval to expand the H.S.U. waterflood with the drilling of this well is being filed with the Secretary-Director of the N.M.O.C.C.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 9-23-80

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 Kary J. Kaltenbach Title District Engineer Date 6/23/80

(This space for State Use)

APPROVED BY Frank S. Chang TITLE SUPERVISOR DISTRICT # 9 DATE JUL 1 1980

CONDITIONS OF APPROVAL, IF ANY:

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

Operator TESORO PETROLEUM CORPORATION		Lease HOSPAN SAND		Well No. 90
Unit Letter J	Section 36	Township 18N	Range 9W	County McKinley

Actual Footage Location of Well:
2390 feet from the South line and 1475 feet from the East line

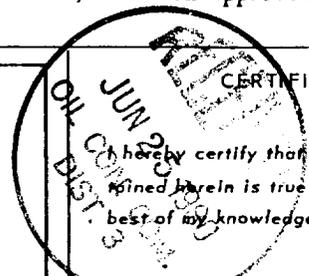
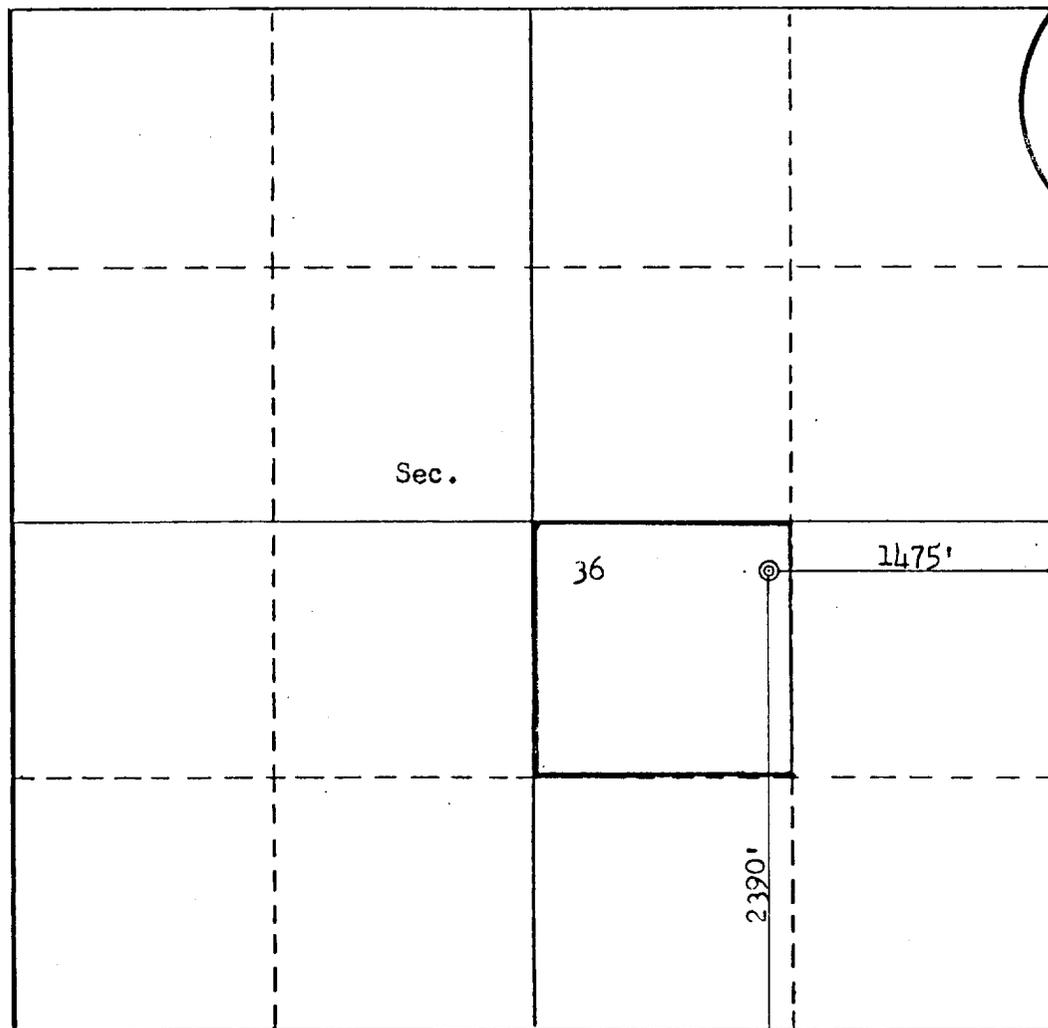
Ground Level Elev. 7129	Producing Formation Upper Hospah	Pool Hospah Upper Sand	Dedicated Acreage: 40 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated 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.



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

Name: King J. Kaltbacher
Position: District Engineer
Company: Tesoro Petroleum Corp.
Date: 6/23/80

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: June 21, 1980
Registered Professional Engineer and/or Land Surveyor:
Fred B. Kerr, Jr.
Certificate No. 3950
B. KERR, JR.