

OIL CONSERVATION COMMISSION
Artes DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 6-20-77

RE: Proposed MC ✓
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 6-20-77
for the Tenneco Oil Co. Hospital # 32 C-12-17A-9W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

approve

Yours very truly,

N. E. Madwell

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Tenneco Oil Company		County McKinley		Date 6-10-77
Address 1860 Lincoln, Suite 1200, Denver, Co. 80295		Lease NM-8269		Well No. Hospah #32
Location of Well C	Unit 	Section 12	Township 17 North	Range 9 West

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐ **Tenneco Oil Company**
2. If answer is yes, identify one such instance: Order No. **R-3943** ; Operator Lease, and Well No.: **Hospah 37X**

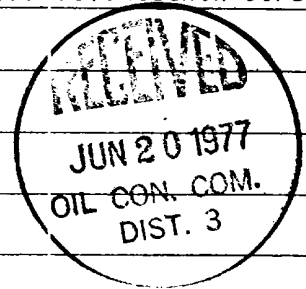
3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Upper Hospah		Lower Hospah
b. Top and Bottom of Pay Section (Perforations)	2 JSPF 1560' - 1585'		Open hole
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

**Tesoro Petroleum Co., Suite 2000 First of Denver Plaza Building, 633 Seventeenth Street,
Denver, Colorado 80202**



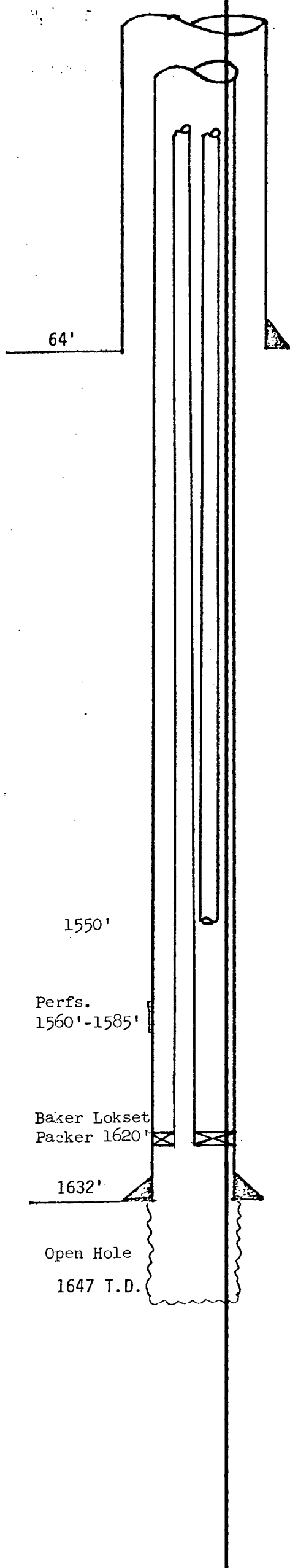
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification **6-10-77** .

CERTIFICATE: I, the undersigned, state that I am the **Div. Production Manager** of the **Tenneco Oil Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

[Signature]
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



LEASE LOWER HOSPAH UNIT

WELL NO. #32

10-3/4" OD, 32.75 LB, CSG.W/ 70 SX
TOC @

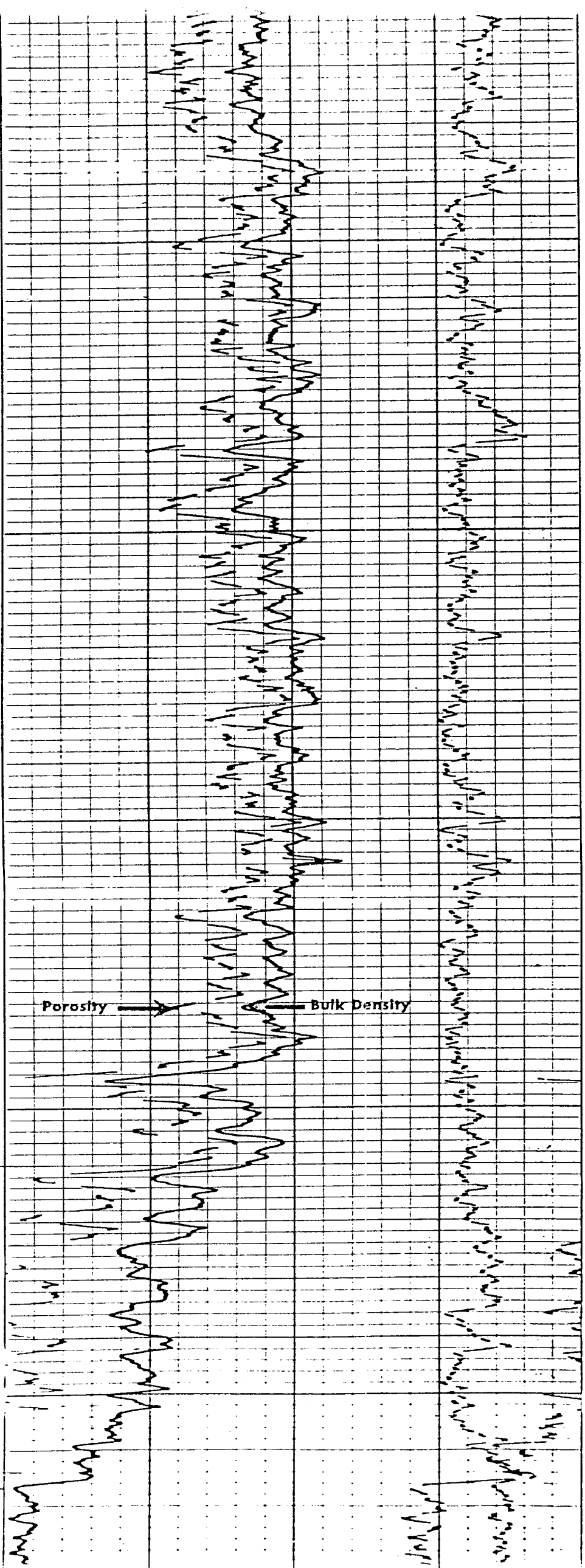
7" OD, 20 LB, J-55 CSG.W/ 125 SX
TOC @

DETAILED PROCEDURE

1. MIRUPU. Pull rods, tubing, pump.
2. Set RBP at 1620'. Test BP. Spot sand on top of BP. Spot 250 gallons 15% HCL.
3. Perforate interval 1560' to 1585' with 2 SPF, using 4" cased gun.
4. Break down perforations with 1000 gallons 15% BDA, staged with 400# BAF. Do not exceed 950#. Do Not Exceed 18 PSI
5. Run tubing to 1530' and swab back load.
6. Recover RBP.
7. Run Baker Lok-set packer on 2-3/8" 4.6# J-55 NUE 10 RD tubing and set packer at 1620'.
8. Run short string of 2-3/8" 2.6# J-55 NUE 10 RD tubing to 1550'.
9. Run pump and rods in both strings.
10. Install dual wellhead and suitable surface equipment. Install 54" unit for short string. Place on production.

Logs of Lower Hospah zone were not taken at the time of the original completion. These will be taken when the Upper zone work is being done. They will then be mailed to your office.

SCHLUMBERGER		COMPENSATED FORMATION DENSITY LOG Gamma-Gamma	
COUNTY <u>MC KINLEY, N.M.</u> FIELD or LOCATION <u>HOSPAH</u> WELL <u>HOSPAH #32</u> COMPANY <u>TENNECO OIL CO.</u>	COMPANY <u>TENNECO OIL COMPANY</u>		
	WELL <u>HOSPAH #32</u>		
	FIELD <u>HOSPAH</u>		
	COUNTY <u>MC KINLEY</u> STATE <u>NEW MEXICO</u>		
Location: <u>550' FNL 2370' FWL</u>		Other Services:	
Sec. <u>12</u> Twp. <u>17N</u> Rge. <u>9W</u>		NONE	
Permanent Datum: <u>GL</u> ; Elev.: <u>7049</u>		Elev.: K.B. <u>7060</u>	
Log Measured From <u>KB</u> , <u>11.5</u> Ft. Above Perm. Datum		D.F. <u>7059</u>	
Drilling Measured From <u>KB</u>		G.L. <u>7049</u>	
Date	<u>9/6/69</u>		
Run No.	<u>ONE</u>		
Type Log	<u>FDC/GR</u>		
Depth—Driller	<u>1620</u>		
Depth—Logger	<u>1618</u>		
Bottom logged interval	<u>1617</u>		
Top logged interval	<u>72</u>		
Type fluid in hole	<u>FGM</u>		
Salinity, PPM Cl.	<u>--</u>		
Density	<u>9.0</u>		
Level	<u>FULL</u>		
Max rec. temp., deg F.	<u>TLTM</u>		
Operating rig time	<u>1 HR.</u>		
Recorded by	<u>OREN</u>		
Witnessed by	<u>MR. JONES</u>		
RUN		CASING RECORD	
No.	Bit	From	To
<u>1</u>	<u>9 7/8</u>	<u>CSG</u>	<u>TD 10 3/4</u>



1400

1500

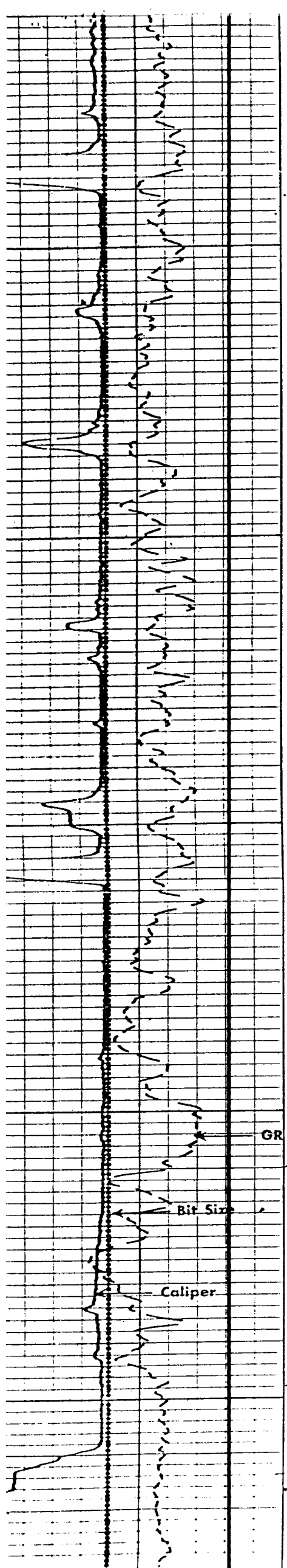
1600

UPPER
HOSPAN

GR

Bir Size

Caliper



- Location - Drilling, Testing, or
- Oil Well - Dakota "D" Zone
- Gas Well - Dakota "D" Zone
- Oil Well - Upper Hospah Zone
- Water Injection Well - Upper Hospah Zone
- Oil Well - Lower Hospah Zone
- Dual Oil Well - Upper & Lower Hospah Zones

- Dual Well - Lower Hospah Oil & Dakota Gas
- Oil Well - Dakota "A" Zone
- Gas Well - Dakota "A" Zone
- Oil Well - Dakota "B" Zone
- Dry Hole
- Unit Outline

- Water Injection Well - Lower Hospah Zone

- "D" Zone gas injection well
- "D" Zone water injection well

