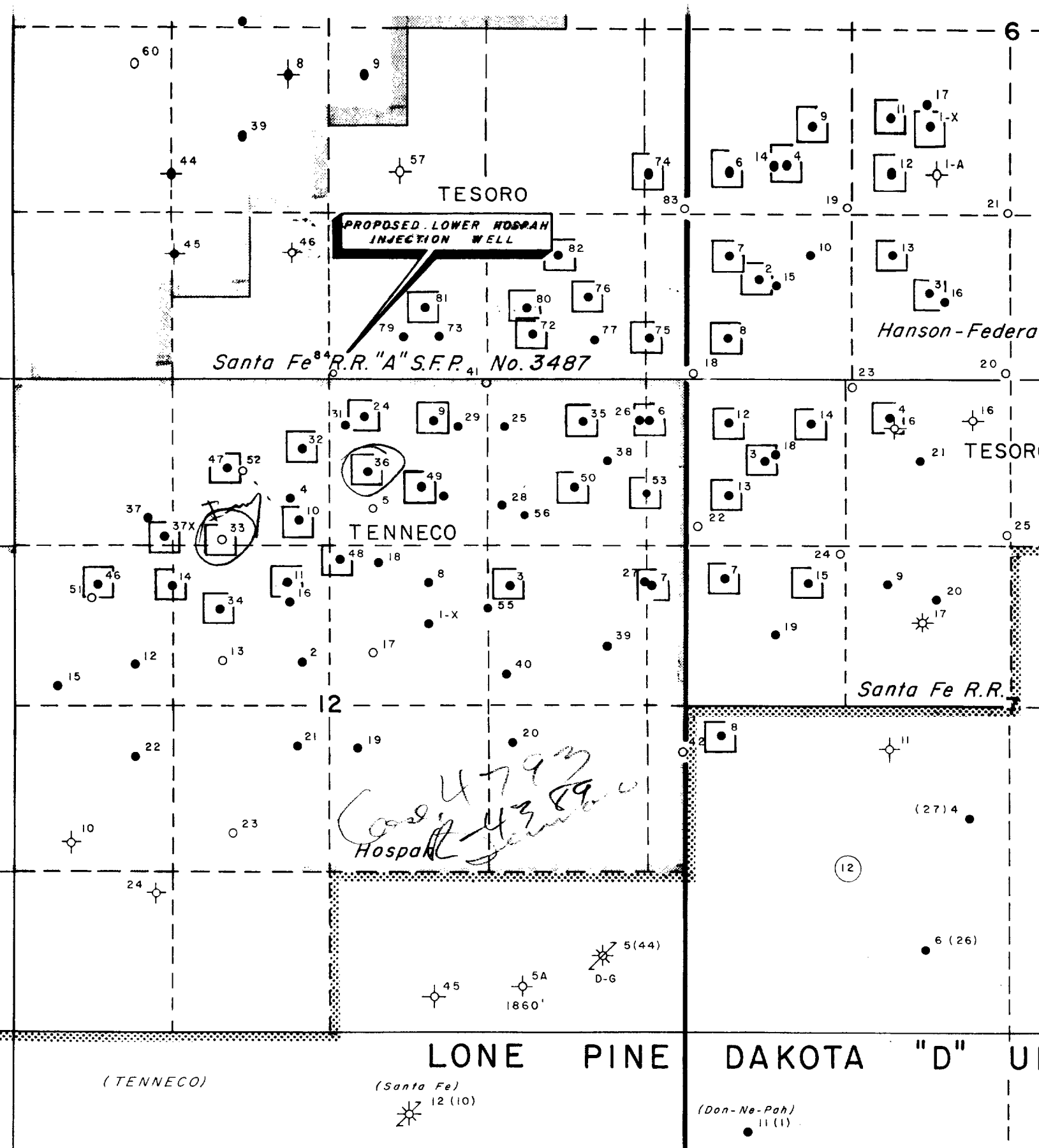




● PRODUCING WELL - L. HOSPAH ZONE

○ INJECTION WELL - L. HOSPAH ZONE

TESORO

4971

Geo. O'Brien

May 23, 1973

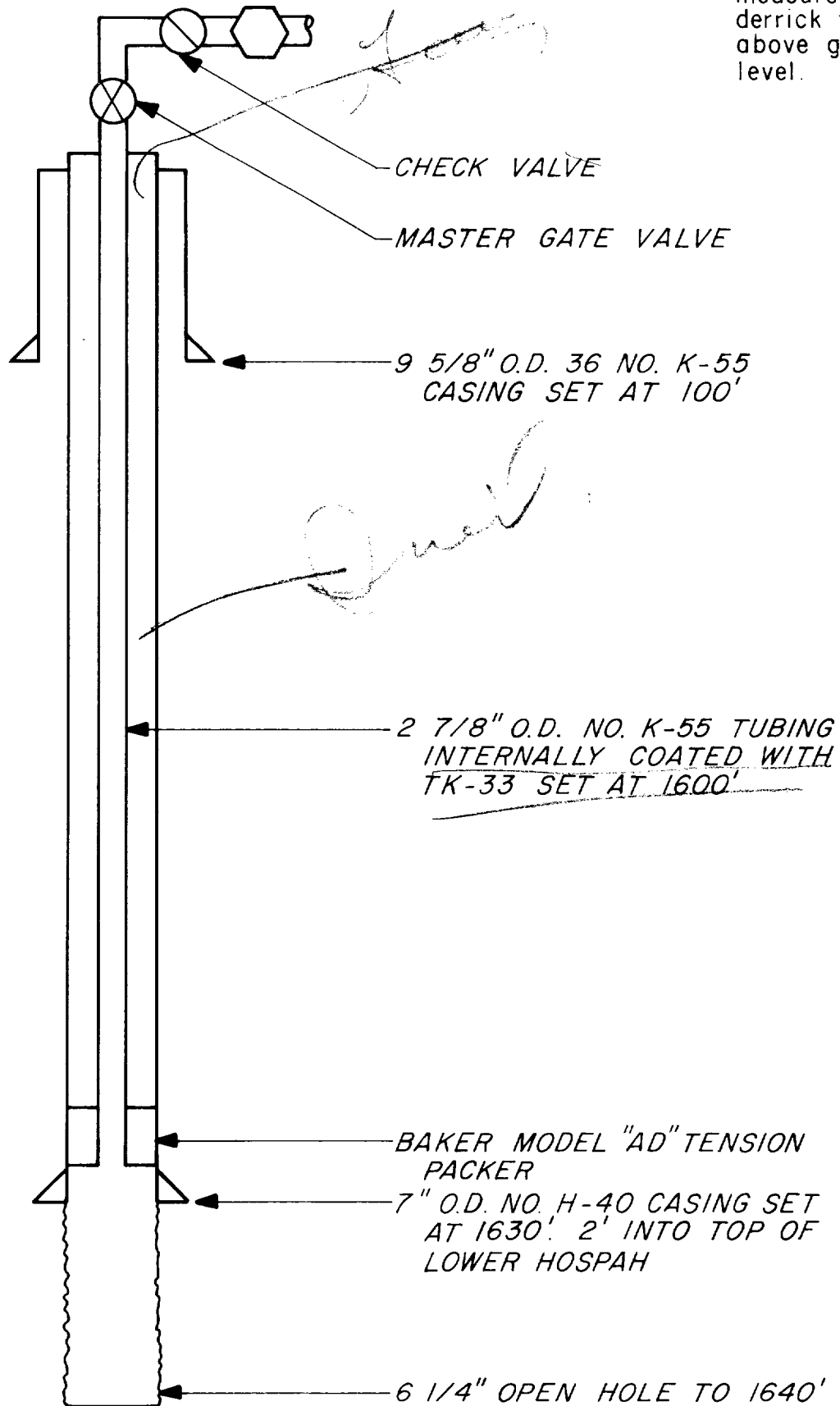
1/1/57

SANTA FE "A" No. 84

LOWER HOSPAH

GAS WATER INJECTION

NOTE: Approx. depths measured from derrick floor 10' above ground level.



TESORO

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Received

May 23, 1973

LEGEND

- Location - Drilg, Testing, or TA
- Oil Well - Dakota "D" Zone
- ⊙ Gas Well - Dakota "D" Zone
- ⊙ Oil Well - Upper Hospah Zone
- ⊙ Water Injection Well - 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
- ⊙ (Kdb)
- ⊙ Dry Hole

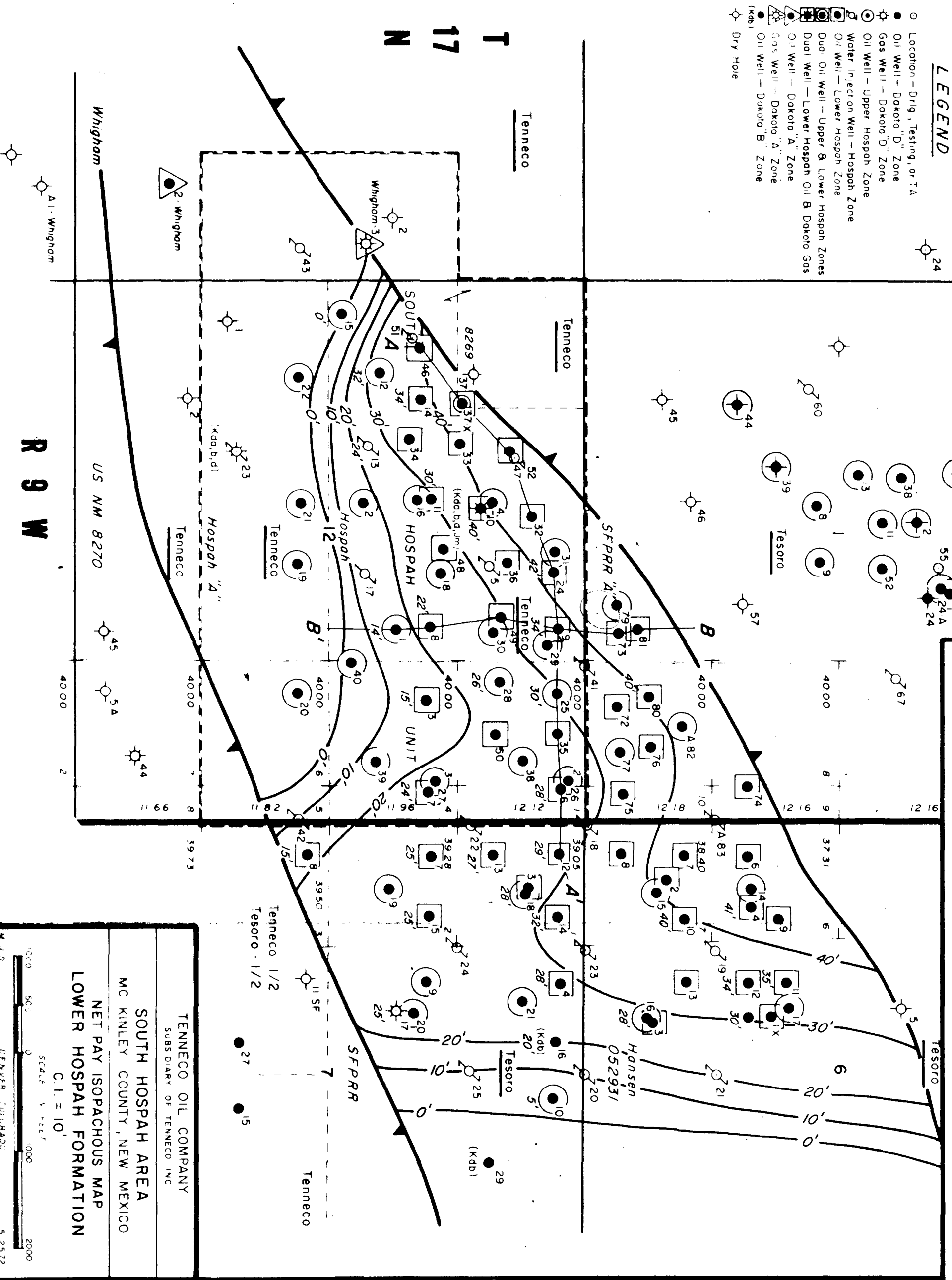


Figure 2

TESORO

ITEM NO. 3

4971

Geo. O'Brien

May 23, 1973

Case No.	4
TESORO	
Case No.	4971
Case No.	Geo. O'Brien
Hearing Date	May 23, 1973

B

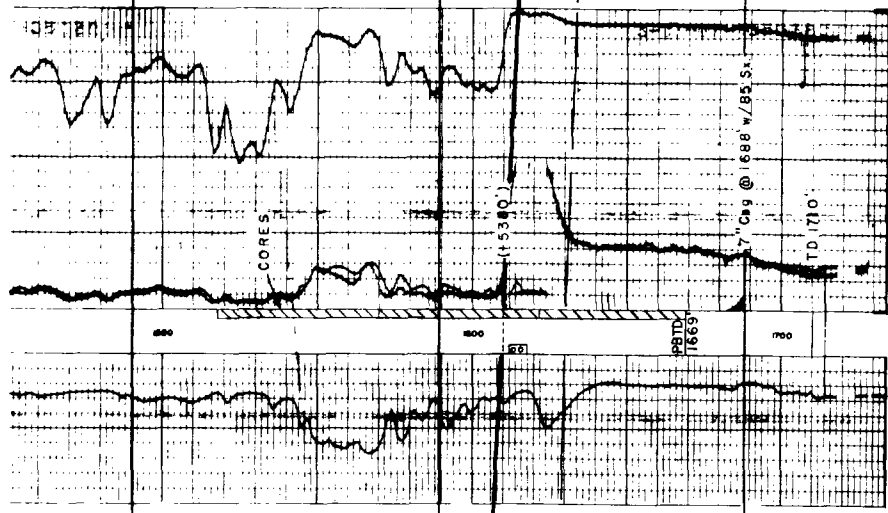
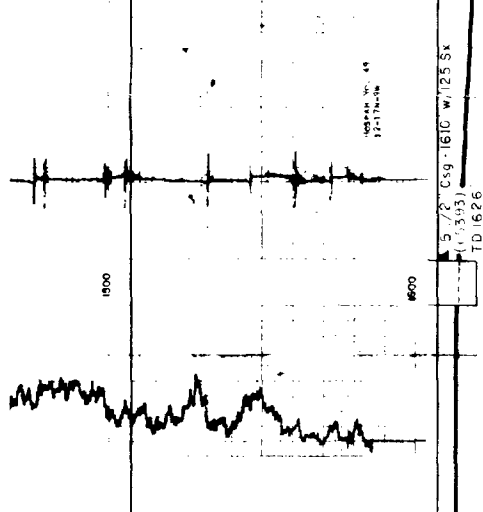
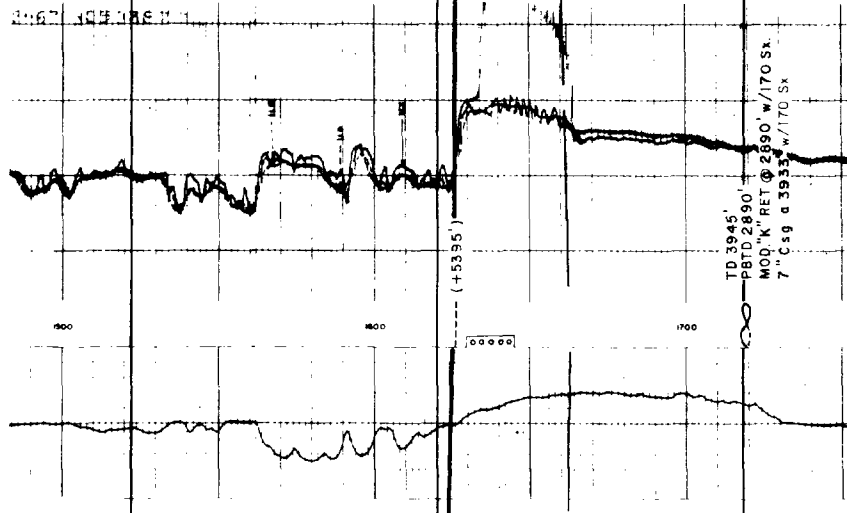
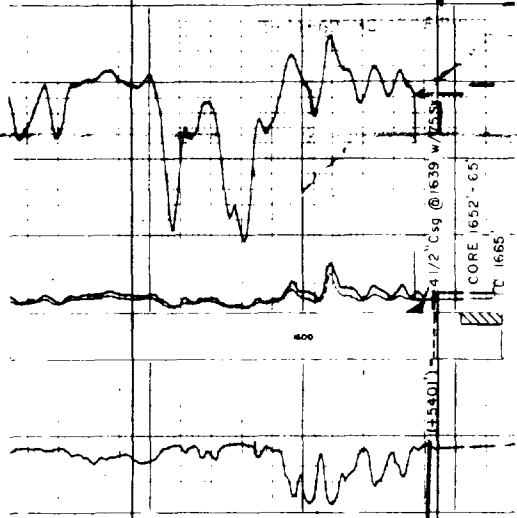
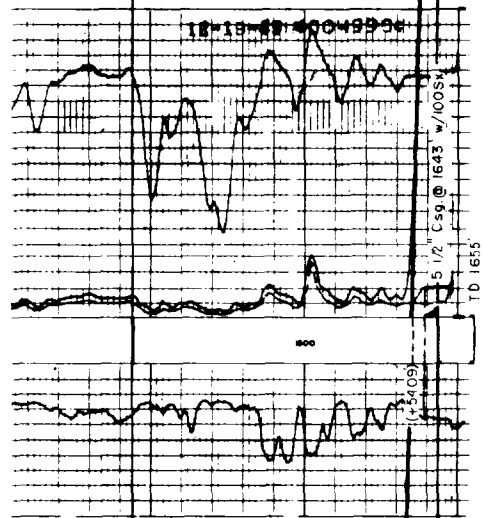
TESORO
SANTA FE "A" NO. 81
360' F/S & 2000' F/L
Sec. 1, T17N & R9W
Elev: 7044' KB

TESORO
SANTA FE "A" NO. 73
330' F/S & 2000' F/L
Sec. 1, T17N & R9W
Elev: 7044' KB

TENNECO OIL COMPANY
HOSPAN NO. 9
330' F/S & 2051' F/L
Sec. 1, T17N & R9W
Elev: 7021' KB

TENNECO OIL COMPANY
HOSPAN NO. 9
385' F/S & 2111' F/L
Sec. 1, T17N & R9W
Elev: 6990' KB

TENNECO OIL COMPANY
HOSPAN NO. 8
1050' F/S & 2051' F/L
Sec. 1, T17N & R9W
Elev: 6990' KB



TD: 1055'
PMTD: ---
Csg. & Cat.: 5-1/2" @ 1643' w/100 sx.
Perfs: OH 1643' - 1655'
Init. Stim.: Natural
Init. Pot.: 12/69: P 89 BOPD, 0 wtr.
Rem. Work: None
Latest Test: 12/71: P 47 BOPD, 58 BWPD
Cum. Prod.: 1/1/72: 36,474 BO, 19,574 BW

TD: 1005'
PMTD: ---
Csg. & Cat.: 4-1/2" @ 1039' w/75 sx
Perfs: OH 1039' - 1005'
Init. Stim.: Natural
Init. Pot.: 3/69: P 30 BOPD, 0 wtr.
Rem. Work: None
Latest Test: 1/71: P 34 BOPD, 114 BWPD
Cum. Prod.: 1/1/72: 107,024 BO, 400,488 BW

TD: 3945'
PMTD: 2890' (Mod "K" Retainer)
Csg. & Cat.: 7" @ 3933' w/510 sx.
Perfs: Ret. set w/170 sx.
Init. Stim.: Natural
Init. Pot.: 4/67: P 42 BOPD, 0 wtr.
Rem. Work: 3/68: Perf. 1630'-44' w/25PF.
Latest Test: 2/72: P 43 BOPD, 301 BWPD
Cum. Prod.: 3/1/72: 70,781 BO
392,512 BW

TD: 1620'
PMTD: ---
Csg. & Cat.: 5-1/2" @ 1610' w/125 sx.
Perfs: 1610'-26' (OH)
Init. Stim.: Natural
Init. Pot.: 12/71: P 76 BOPD, 0 wtr.
Rem. Work: 1/72: Deepened 6' to 1626' Pump 35 BOPD, 140 BWPD
Latest Test: 2/72: P 24 BOPD, 144 BWPD
Cum. Prod.: 3/1/72: 2703 BO, 7800 BW

TD: 1710'
PMTD: 1669'
Csg. & Cat.: 7" @ 1688' w/ 85 sx.
Perfs: 1612'-18' w/25PF
Init. Stim.: Natural
Init. Pot.: 6/67: P 30 BOPD, 0 wtr.
Rem. Work: 5/67: Sq. single perf. @ 1613' w/25 sq. diesel oil cat. & rev. OH 5' sx. 'rf. 1613'-16' w/25PF.
3/68: Perf. 1613'-18' w/25PF
9/69: Installed Reda Pump
Latest Test: 2/72: P 54 BOPD, 882 BWPD
Cum. Prod.: 3/1/72: 18,898 BO
714,553 BW

TENNECO OIL COMPANY
HOSPAN SOUTH AREA
MCKINLEY COUNTY, TEXAS
NORTH - SOUTH CROSS SECTION
B-B
1 WER HOSPAN SAND

TESORO		
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Geo. D. Poirier		
May 23, 1973		