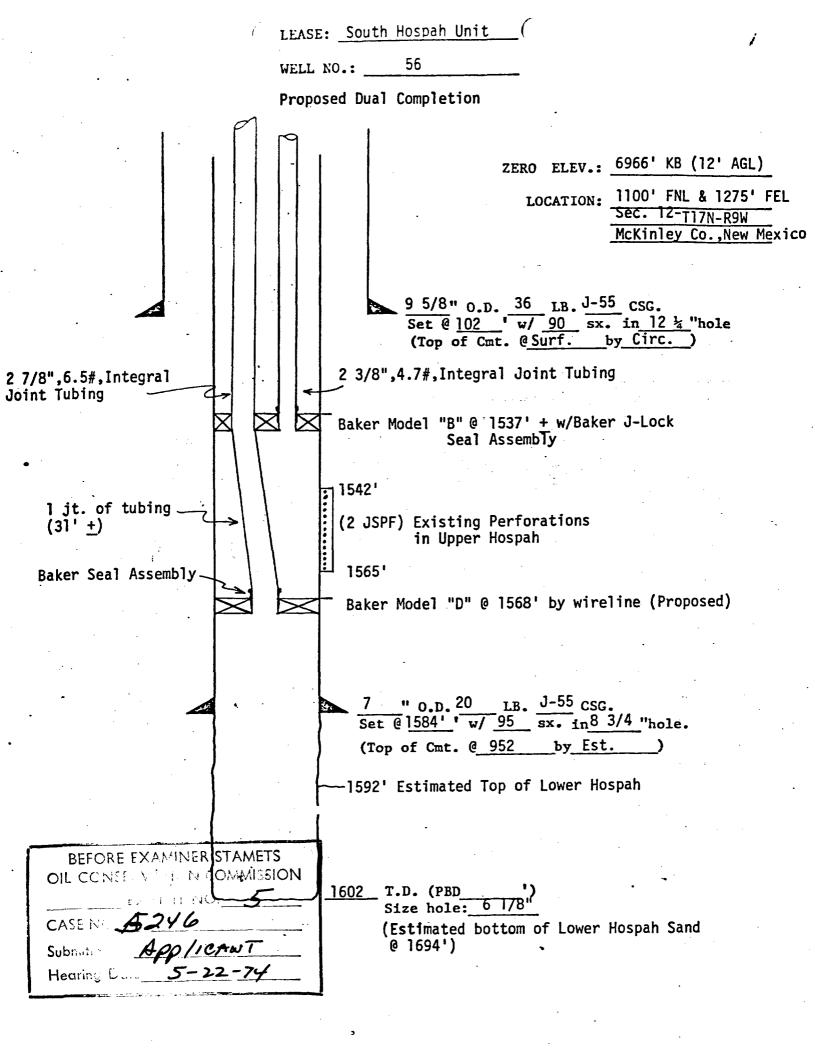


PROGNOSIS DUAL HOSPAH NO. 41

- 1. MI and RU WOR
- 2. POH with tubing and "Lok-Set" packer.
- 3. GIH with bit and drill collars. Drill from PBTD of 1607 to 1615 5' below casing shoe.
- 4. GIH with retrievable packer and set at 1605. Inject down annulus into perfs 1566 thru 1597 and monitor tubing for communication.
- 5. If communication is present, reset packer \pm 1200 feet and squeeze perfs and casing shoe with 75 sacks of cement. POH. If no communication, proceed to step 8 and skip step No. 9.
- 6. GIH with bit and drill collars. Drill out cement to 1615 feet. Test squeeze to 1000 psi.
- 7. If squeeze not okay, POH and resqueeze.
- 8. If squeeze okay, drill out and penetrate Lower Hospah sand 10 feet. Est. top of Lower Hospah 1627 feet and est. TD 1637'. POH.
- 9. Rig up Wireline Company. GIH and reperforate Upper Hospah 1574 1598 feet.
- 10. GIH and set Baker Model "F" packer at 1605 feet.
- 11. GIH with long string (2 3/8" integral joint) with Baker Model "B" snap set dual tension packer, and Baker seal assembly for Model "F" packer.
- 12. Sting into Model "F" and land long string. GIH with short string (1 1/2" integral joint) with Model "C" J-lock seal nipple. Sting into the Model "B" packer with J-lock nipple and take an upstrain to set Model "B" in tension.
- 13. Connect injection lines and begin injection. Connect dual pin recorder and monitor pressures to show separation between Upper and Lower zones. Acidize if necessary to obtain injection.

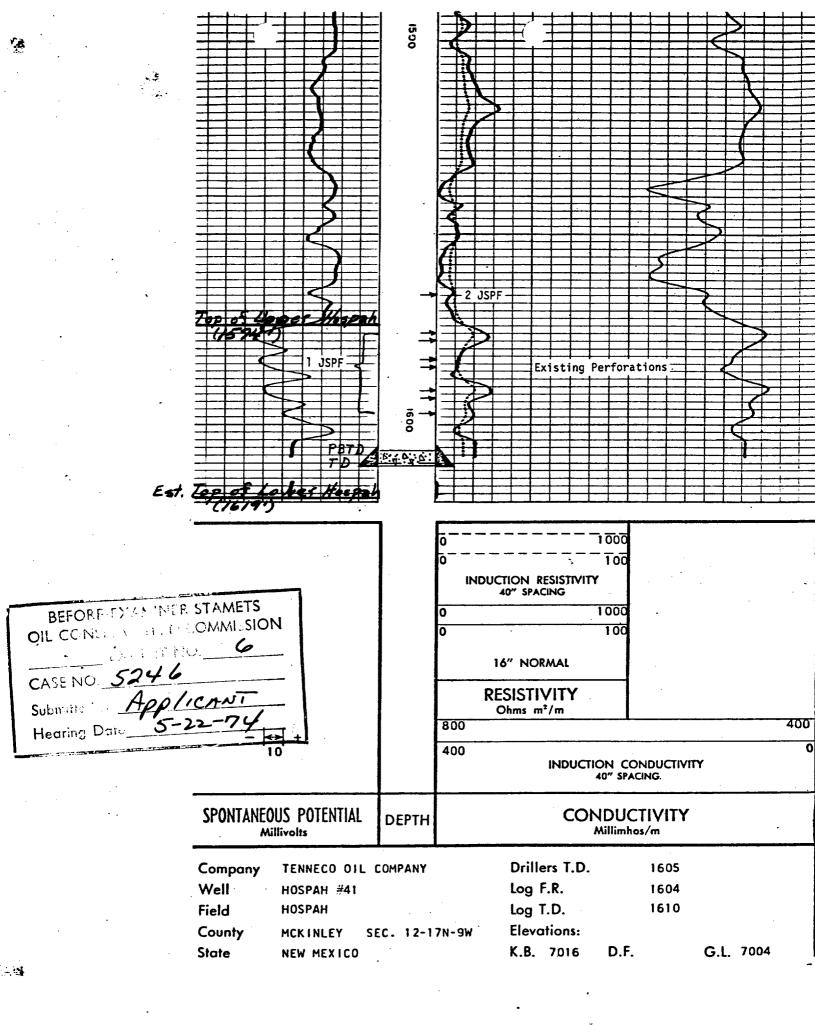
🗸 W. T. Jones April 17, 1974

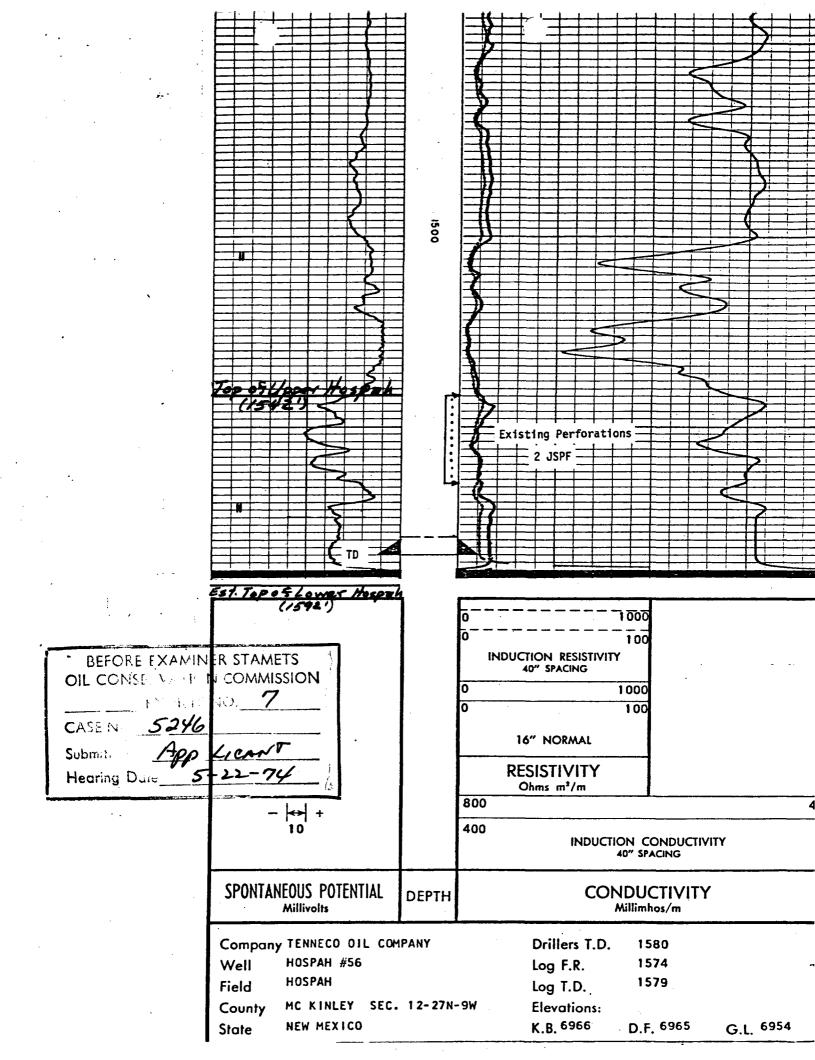


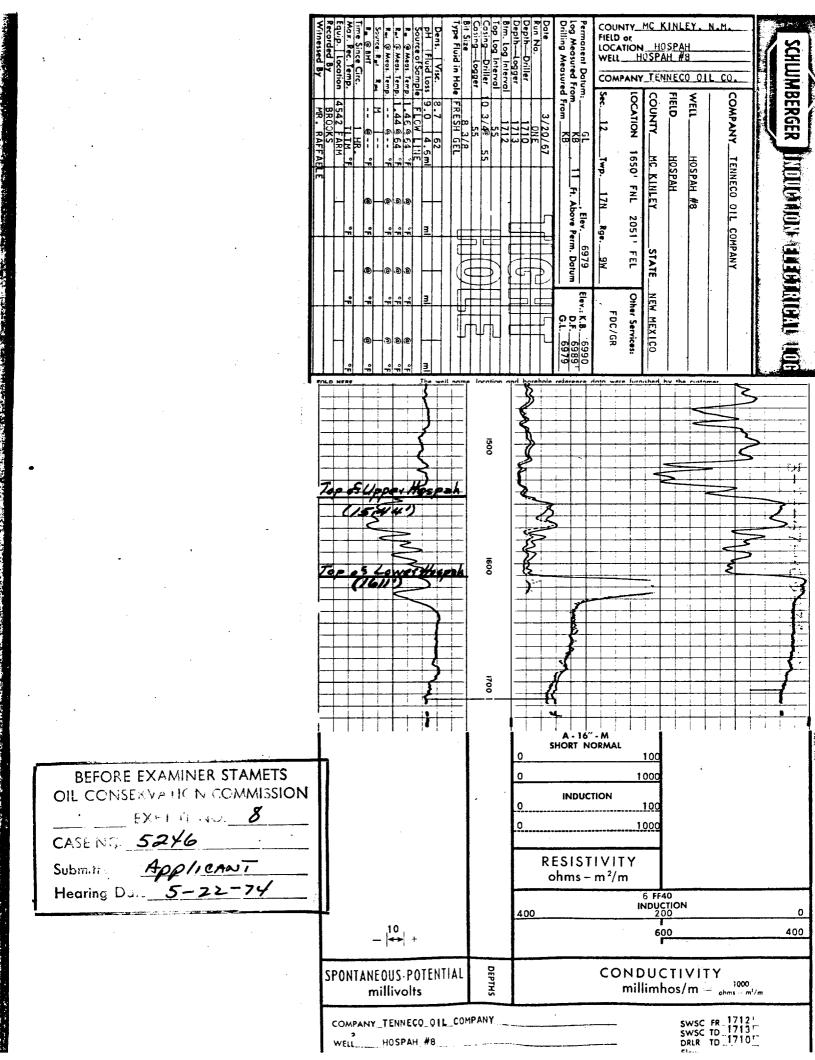
PROGNOSIS DUAL HOSPAH NO. 56

- 1. MI and RU WOR.
- 2. POH with fiberglass tubing and Model "A" packer. Lay down fiberglass tubing.
- 3. GIH with bit and drill collars. Drill from PBTD of 1577 to 1586 2' below casing shoe. POH.
- 4. GIH with retrievable packer and set at 1570 feet. Inject down annulus into perfs 1542 65 and monitor tubing for communication.
 - 5. If communication is present, reset packer at \pm 1200 feet and squeeze perfs and casing shoe with 75 sacks of cement. POH. If no communication, proceed to step 8 and skip step No. 9.
 - 6. GIH with bit and drill collars. Drill out cement to 1586. Test squeeze to 1000 psi.
 - 7. If squeeze not okay, POH and resqueeze.
 - 8. If squeeze okay, drill out and penetrate Lower Hospah Sand 10 feet. Est. top of Lower Hospah 1592, est. TD 1602 feet. POH.
- 9. GIH and perforate Upper Hospah 1542 65.
- 10. GIH with Wireline and set Baker Model "D" packer at 1575 \pm .
- 11. GIH with long string (2 7/8" integral joint tubing) with Baker Model "B" snap set dual tension packer and Baker seal assembly for Model "D" packer.
- 12. Sting into Model "D" with seal assembly and land long string. GIH with short string (2 3/8" integral joint tubing) with Model "C" J-lock seal nipple. Sting into the Model "B" packer with J-lock nipple and take an upstrain to set Model "B" in tension.
- 13. Connect injection lines and begin injection. Connect dual pin recorder and monitor pressures to show separation between Upper and Lower zones. Acidize if necessary to obtain injection.

JJU W. T. Jones April 17, 1974







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

			Care 52:	
		County	Vimlau	
Tenneco Oil Company Address		MC	Kinley	4/10/74 Well No.
1200 Lincoln Towers Denver, Colo. 80203			pah	41
Location	Section	Township		Range
of Well A	12	17 No		9 West
 Has the New Mexico Oil Conservat zones within one mile of the subject If answer is yes, identify one such 	ct well? YES X	NO R-3943	As a produce	a well in these same pools or in the same er d Well No.: Tenneco, Hospah #37X
3. The following facts are submitted: Upper Zone			Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Upper Hospah	հոյի	ard and a start	Lower Hospah (Gallup)
b. Top and Bottom of	1574' (Top)			1627' (Est. Top)
Pay Section	1595' (Bottom)		(:AY -1 1974	1735' (Est. Bottom)
(Perforations)	(Perfs 1566-15	<u>97')</u>		Opn. Hole:top 10' of fmt
c. Type of production (Oil or Gas)	Water Injectio		CONSERVATION COM	Gas & Water Injection
d. Method of Production		Cil	CONSERVATION COM	
(Flowing or Artificial Lift) 4. The following are attached. (Pleas		· · · · · · · · · · · · · · · · · · ·		<u>N/A</u>
 izers and/or turbol diameters and setti b. Plat showing the lo of operators of all l X. c. Waivers consenting tors have been furn 	izers and location thered ing depth, location and ty ocation of all wells on a leases offsetting applica to such multiple compl nished copies of the app he well or other accepta such log is not availabl se on which this well is ., 8520 Crownhil 2 Petroleum Cente	of, quantities ype of packet pplicant's lease. etion from ea olication.* ble log with e at the time located toge 1, San Ar er Bldg.,	used and top of cement, pe s and side door chokes, and s ase, all offset wells on off ach offset operator, or in lie tops and bottoms of produc application is filed it shal ther with their correct mailin tonio, Texas Farmington, New M	exico
Beard Oil Co., 2000 C				

date of such notification_

CERTIFICATE: I, the undersigned, state that I am the Petroleum Engineer 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.

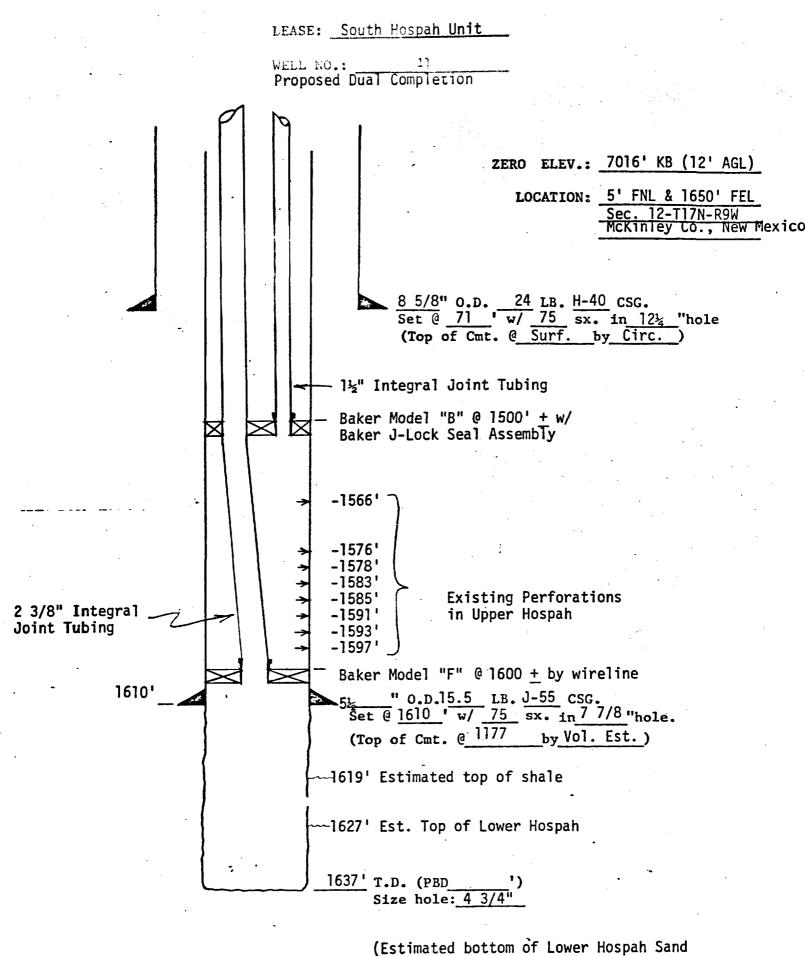
Frederick E. Kastner Frederick E. Kastnersignature

Form C-107

5-1-61

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commis-sion 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 proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



@ 1735').

Care 5-246

