

DETAILED WELL HISTORY THE TEXAS COMPANY
GAS WELLS IN JAL POOL
LEA COUNTY, NEW MEXICO

	<u>C.W.Shepherd (a) 1</u>	<u>C.W.Shepherd (b) 1</u>	<u>C.W.Shepherd (b) 2</u>	<u>C.W.Shepherd (b) 3</u>	<u>C.W.Shepherd (b) 4</u>
Location	SE $\frac{1}{4}$ of NE $\frac{1}{4}$ Sec. 6, T-26-S, R-37-E, U.S. Government Permit	NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 5, T-26-S, R-37-E, U.S. Government Permit	NE $\frac{1}{4}$ of SE $\frac{1}{4}$ Sec. 6, T-26-S, R-37-E, U.S. Government Permit	NE $\frac{1}{4}$ of NE $\frac{1}{4}$ Sec. 5, T-26-S, R-37-E, U.S. Government Permit	Center SE $\frac{1}{4}$ Sec. 5, T-26-S, R-37-E, U.S. Government Permit
Date Completed	August 10, 1929 Jan. 23, 1936 (P.B.)	May 8, 1933 Feb. 13, 1934 (Drld.Dpr.) Feb. 5, 1938 (P.B.)	November 24, 1934 May 2, 1940 (P.B. & perforated)	April 7, 1937 P.B. during comple- tion	June 25, 1937 P.B. during comple- tion
Elevation	2977'	2970'	2971'	2974'	2989'
Casing Record	18' - 20" 896' - 12 $\frac{1}{2}$ " 2665' - 8-1/4" 3150' - 6-5/8"	499' - 12 $\frac{1}{2}$ " 2679' - 9" 3100' - 7"	1518' - 10-3/4" 3124' - 7"	250' - 10-3/4" 2626' - 7-5/8" 3156' - 5-1/2"	250' - 10-3/4" 2624' - 7-5/8" 2990' - 5-1/2"
Total Depth	3318' P.B. 3295' P.B. 2836' & casing perf. 2759'-2823' 1-23-36	3262' 3355' after drlg. dpr. P.B. 3072'	3243' P.B. 2992'	3290' P.B. 3082 to shut off bottom water when completing.	3200' P.B. 2960' to shut off bottom water.
Tubing	2" at 2827' open end no perf.	2 $\frac{1}{2}$ " & packer at 3010' Perf. below packer	2 $\frac{1}{2}$ " at 2882'	None	None
Initial Production	15,600 MCF 702 Bbls. fluid 10% water 24 hours. Initial Rock Pressure 1400#	2,000 MCF 527 Bbls. fluid 37% water 24 hours. Initial Rock Pressure 1120# After drlg. deeper 2/13/34 2,332 MCF, 165 Bbls. fluid 50% water 24 hours. After P.B. 2/5/38 & perf. casing 2890'-3051' 7,168 MCF Gas, 72 Bbls. Oil, 500 Bbls. water 24 hours through tubing.	1,017 MCF 253 Bbls. fluid 10% B.S. $\frac{1}{2}$ " ck. 24 hrs. Est. 1440 Bbls./day On 5-2-40 csg. perf. 2910' - 2970' - 1,515 MCF with 600# back pressure after acid. Est. open flow 5,000 MCF, no oil.	10,000 MCF No Oil Perf. Casing 2730'-2750' during completion 2,890 MCF (9/10/39) No Oil	8,500 MCF No Oil No perforations 5 $\frac{1}{2}$ " casing cut & recovered to a T.D. of 2800' leaving a 5 $\frac{1}{2}$ " liner from 2800' to 2990' during completion. Producing from gas horizon behind liner. Initial Rock Pressure 1240#
Oil or Gas Zones	3206-3212' O. 3223-3300' O. & G.	3180-3200' O. 3262-3355' O.	2675-2706' G. 2954-2962' G. 3028-3034' G. 3105-3112' O. & G. 3126-3134' O. & G.	2708-2713' G. 2728-2747' G. 3190-3228' G.	2825-2860' G. 3075-3090' G. 3135-3150' G. 3195-3200' G.
Cumulative Produc-) Gas 2,986,659 MCF tion to 7-1-40) Oil 816,953 Bbls. Oil		3,246,078 MCF 145,844 Bbls. Oil	24,988 MCF 103,973 Bbls. Oil	865,177 MCF None	808,638 MCF None
Weighted G/O Ratio	3,655 Cu.Ft./Bbl.	22,250 Cu.Ft./Bbl.	240 Cu.Ft./Bbl.	-	-
Average Daily Pro-) Gas 738 MCF Gas duction (June 1940)) Oil 0		1,616 MCF Gas 7 Bbls. Oil	835 MCF Gas 0	458 MCF Gas 0	444 MCF Gas 0
June 1940 G/O Ratio	-	230,900 Cu.Ft./Bbl.	-	-	-

AEW-JRH 8-27-40