

# JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

COMPANY: Chama Petroleum Company

WELL: Pennzoil Federal, No. 2

FIELD: Undesignated North Quail Ridge

## CHRONOLOGICAL PRESSURE DATA

Morrow

DATE	STATUS OF WELL	TIME	ELASPED TIME		SURFACE PRESSURE		BHP @ (-9528 .)		
			HRS.	MIN.	TBG	CSG	13322'PSIG		
1980 2/16	Shut in 73.0 hrs. Run Static Gradient w/ Tandem Bombs & Hung Bombs @ 13200'.	10:30 AM	73	00	4025 DWT	PKR			6157
						CHOKE			
						SIZE	MCF/D	BD/D	
	Started 1st Rate Flowing	11:00	73	30	4025 DWT				6157
	Finished 1st Rate & Started 2nd Rate Flowing	12:00 N	1	00	3955 DWT	7/64"	1075.83	60.48	6093
	Finished 2nd Rate & Started 3rd Rate Flowing	1:00 PM	1	00	3910 DWT	11/64"	2252.86	282.24	6019
	Finished 3rd Rate & Started 4th Rate Flowing	2:00	1	00	3850 DWT	13/64"	3091.37	241.92	5969
	Finished 4th Rate & Shut in	3:00	1	00	3790 DWT	15/64"	4117.20	403.20	5897
	Pulled Bombs & Ran Static Gradient	3:30	0	30	4100 DWT				6148

OIL CONSERVATION DIV.

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PHONES 505 393-5396 — 393-8274

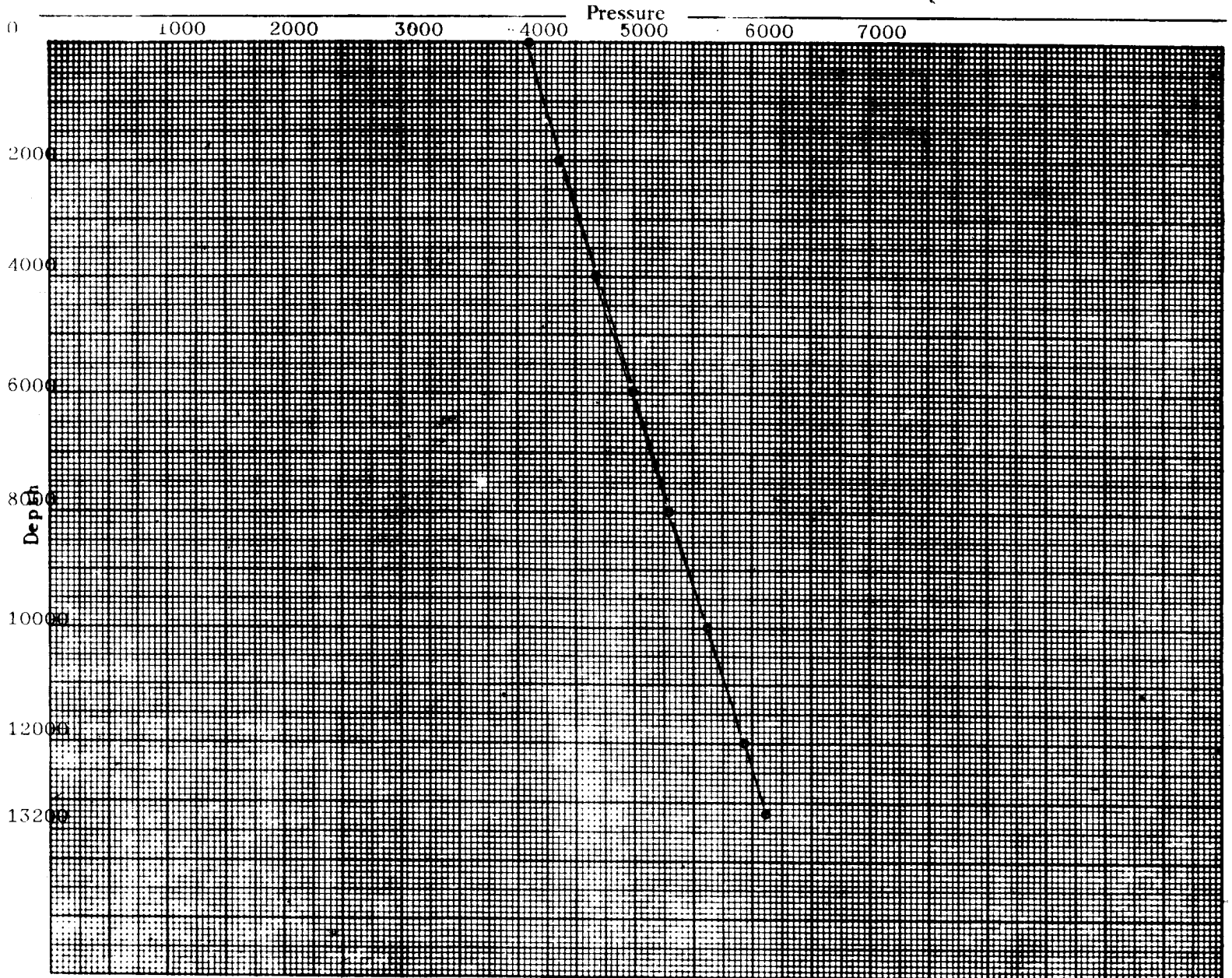
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## BOTTOM HOLE PRESSURE RECORD

OPERATOR Chama Petroleum Company  
 FIELD Undesignated North Quail Ridge  
 FORMATION Morrow  
 LEASE Pennzoil Federal WELL #2  
 COUNTY Lea STATE New Mexico  
 DATE Feb. 16, 1980 TIME 3:30 PM  
 Status Shut in  
 Test Depth 13200'  
 Time S. I. 0.5 hrs. Last test date 2/16/80  
 Tub Pres 4100 DWT BHP last test 6157  
 Cas. Pres. PKR BHP change 9# Loss  
 Elev. 3794' KB Fluid top None  
 Datum (-9528) Water top None  
 Temp. @ 206° F Run by JSI #13  
 Cal. No. A14421N Chart No. 2

Depth	Pressure	Gradient
0	4100	-
2000	4372	.136
4000	4680	.154
6000	4990	.155
8000	5302	.156
10000	5618	.158
12000	5936	.159
13200	6128	.160
13322 (-9528)	6148 * **	(.160)

\* EXTRAPOLATED PRESSURE  
 \*\* MIDPOINT OF CASING PERFORATIONS



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