

DATE 1968

MARATHON OIL COMPANY

Jicarilla
FIELD Basin Dakota

HISTORY OF OIL OR GAS WELL

WELL NO. 14 LEASE Jicarilla Apache BLOCK 34 Unit Letter M NE SW SW
SEC. 26N R. 5W
STATE New Mexico PARISH Rio Arriba COUNTY 900' FSL and 900' FWL

Measurements Taken From { KB Elev. 6554' History Prepared By P. F. Patterson
Grd Elev. 6541' (All measurements from KB) Title Petroleum Engineer
Typed: EMH

DATE	IT IS OF THE GREATEST IMPORTANCE TO HAVE A COMPLETE HISTORY OF THE WELL. USE THIS FORM IN REPORTING THE HISTORY OF ALL IMPORTANT OPERATIONS AT THE WELL, TOGETHER WITH THE DATES THEREOF, INCLUDING SIZE OF HOLE, SIZE AND NUMBER OF BITS, COMPLETE DESCRIPTION OF CASING, CEMENTING, FISHING OR DRILLING DIFFICULTIES, SURVEYS, ALL TESTS, ALL COMPLETION OPERATIONS AND PROCEDURE, ETC..			
	OVERALL LENGTH	EFFECTIVE LENGTH	SETTING DEPTH FROM	TO
1968				
	79 jts 5½", 15.5#, 8-R, J-55, ST&C, Rg 2, Cond 1	2,572.60	2,553.68	3,196.12 642.44
	19 jts 5½", 15.5#, 8-R, J-55, LT&C, Rg 2, Cond 1	608.58	603.03	642.44 39.41
	One jt 5½", 17#, 8-R, J-55, LT&C, Cond 1	26.70	26.41	39.41 13.00 KB
	224 JOINTS TOTAL:		7,327.00'	
	Casing equipped with 30 Baker Model "M" centralizers at: 2705, 2771, 2804, 2835, 2900, 2932, 2963, 3030, 3097, 3163, 3229, 4390, 4487, 5073, 5170, 5331, 5396, 6809, 6851, 6893, 6934, 6976, 7018, 7058, 7100, 7142, 7184, 7245, 7287, and 7324, and two Baker canvas insert metal petal cement baskets at 5138' and 4454'.			
9-27	Loffland rig 231 moved off. Frac tanks (10 - 400-barrel) on location. Leveled and cleaned location with Phillips Construction Company caterpillar.			
9-28 to 9-29	Completed filling frac tanks with water.			
9-30	Signal Oil Field Services rig #4 moved on and rigged up BOP and rotating head assembly.			
10-1	Ran 4-3/4" Varel HI bit on 2-7/8" American Open Hole DP. Drilled out cement 3178'-3192' and stage collar 3192'-3194' (DP measurements) with water. Ran additional DP and drilled out cement 5351'-5365' and stage collar 5365'-5367'. Ran additional DP and drilled cement from 7230'-7306', (rubber plug in fillup collar), PBTD 7306' by DP measurement. Circulated hole clean with fresh water. Filled casing with frac water by Dowell through DP. Closed rams and pressure tested casing and rams with 4,000 psi, held OK for five minutes. Spotted 250 gallons 7½% HCl acid on bottom. Pulled bit. Ran Schlumberger Gamma Ray Correlation log, tagged bottom at 7305' KB.			
10-2	Perforated lower Dakota as follows by Schlumberger:			