

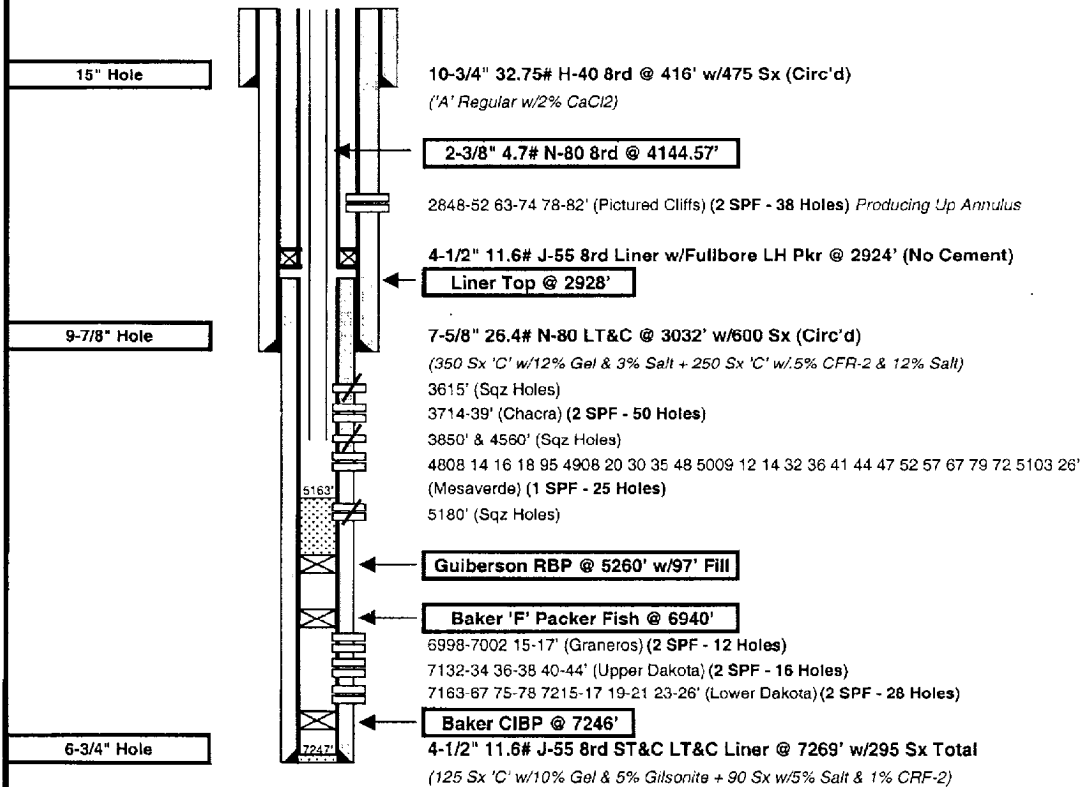


**MARATHON OIL COMPANY
MID-CONTINENT REGION
MIDLAND OPERATIONS NORTHWEST NEW MEXICO**

**FIELD: JICARILLA
LEASE: JICARILLA APACHE
COUNTY: RIO ARriba**

**DATE: 01/09/02
BY: TL CHASE
WELL: 11
STATE: NEW MEXICO**

API: 30-039-08149 REACHED TD: 01/19/67 GL = 6465'
SPUD DATE: 01/09/67 COMPLETED: 02/01/67 KB = 6478'
LOCATION: 1040' FSL & 800' FWL, SECTION 28, TOWNSHIP 26N, RANGE 5W, UNIT LETTER "M"



**PBTD: 7247'
TD: 5163'**

Formation Tops

2818'	Pictured Cliffs	6612'	Sanastee
2894'	Lewis Shale	6920'	Greenhorn
3710'	Chacra	6970'	Graneros
4518'	Cliffhouse	6996'	Graneros Sand
5212'	Mancos Shale	7093'	Dakota
6140'	Niobrara	7238'	Morrison

Well History

Jan '67 Perf'd Lower Dakota (2 SPF) @ 7163-67 75-78 7215-17 19-21 23-26'. Acdd w/500 gal 15% MCA & 1500 gal 7-1/2% acid. Frac'd w/20,000 gal 1% Kcl water w/60,000# 20-40 sand. Perf'd Graneros (2 SPF) @ 6998-7002 7015-17' and Upper Dakota (2 SPF) @ 7132-34 36-38 40-44'. Acdd Graneros/Upper Dakota 6998-7144' w/1000 gal MCA. Frac'd same w/20,580 gal 1% Kcl water w/50,000# 20-40 sand. Perf'd Pictured Cliffs (2 SPF) @ 2848-52 63-74 78-82'. Frac'd same w/12,180 gal 1% Kcl water w/50,000# 10-20 sand. (TOC outside 4-1/2" liner @ 5193' by TS).

Feb '67 CAOPF = 2336 mcfpd.

Aug '00 Tbg parted while POOH, leaving lower 1/2 of safety jt, 1 jt 2-3/8", Baker 'E' locator assy & Baker 'F' pkr. Top/fish @ 6935' & top/pkr @ 6970'. Set RBP @ 5312'. Ran CBL & found TOC outside 4-1/2" (upper liner) @ 5200'. RIH w/Fullbore LH pkr on 68', its new 4-1/2" liner & set @ 2924' (no cmt). Perf'd 4-1/2" (lower liner) (4 SPF) @ 4560' & 5180'. Sqzd perfs @ 5180' w/55 sx down to TOC @ 5200'. DOC. Sqzd perfs @ 4560' w/25 sx. DOC to 4931'. Perf'd 4-1/2" (lower liner) (4 SPF) @ 3615' & 3850'. Sqzd same w/70 sx to top of 4-1/2" (lower liner). DOC. "

Sep '00 Re-sqzd perfs @ 4560' w/18 bbls 'B' cmt w/.4% Hald 344 & perfs @ 3615' w/21 bbls same. DOC & C/O to 5312'. POOH LD RBP. Rec'd safety jt. D/O the 1 jt of 2-3/8" tbg to pkr @ 6970'. Unable to recover pkr. Left pkr @ 6940'. Perf'd Perf'd Mesaverde (1 SPF) @ 4808 14 16 18 95 4908 20 30 35 48 5009 12 14 32 36 41 44 47 52 57 67 69 72 5103 & 26'. Acdd same w/1000 gal 15% NaFe Hcl w/40 BS's. Frac'd same w/116,388 gal GBW w/115,000# 20-40 Brady sd. Perf'd Chacra (2 SPF) @ 3714-39'. Acdd same w/1000 gal 10% acetic acid. Frac'd same w/12,587 gal 70 Quality N2 foam w/ 65,000# 20-40 Brady sd. Left Guiberson RBP @ 5260' w/fill @ 5163'. Ran 2-3/8" tbg w/SN & notched collar to 4144.57'. Ret to flwg as dual producer from DHC perfs in Chacra/Mesaverde & from perfs in Pictured Cliffs. **Pictured Cliffs is producing up 4-1/2" (upper liner) x 7-5/8" annulus.