

HARVEY E. YATES COMPANY WELLBORE SCHEMATIC & PROCEDURE SHEET By RAY F. NOKES

OPERATOR: HARVEY E. YATES COMPANY
WELL NAME: McDONALD UNIT # 2
LEASE #: FEE API # NA
LOCATION: D. 660' EN & WL
SEC. 3, T-14S, R-36E LEA CO., NM
FIELD: McDONALD DEVONIAN
ELEVATION: 3945.4' EL (15.4' KB)

SPUD DATE: 3/28/82
COMP DATE: 7/8/82
TD: 14,592'
PRD: 14,584'

SURFACE	
WT & GRD	13 3/8" 48# H-40
DEPTH	377'
SXS CMT	400 SXS
TCC	CIRC. 50 SXS
BIT SIZE	17 1/2"
INTERMEDIATE	
WT & GRD	8 5/8" 24, 28 & 32# K-55
DEPTH	4,630'
SXS CMT	1400 + 200 SXS
TCC	CIRC. 100 SXS
BIT SIZE	11"

PROCEDURE

1. POH w/ TBG, CAVITY, & PKR.
2. SET CTR @ 14,500' w/ 35' COT ON TOP
3. PMP 100' PLUG FROM 12,261'-12161' (AUKA)
4. FREE POINT CSG. ATTEMPT TO PULL APPROX. 10,200' CSG. POH LAYING DOWN CSG TALLEY & NUMBER JOINTS.
5. PMP 35 SX PLUG (50' IN/OUT CUT OFF) TAG PLUG.
6. PMP 35 SX PLUG FROM 9764-9664' (WOLFPAW)
7. PMP 35 SX PLUG FROM 6107-6007' (GRIFFIN)
8. PMP 35 SX PLUG ACROSS INTERM. SHOE @ 4630' (PMP FROM 4680-4580' AT LEAST) TAG THIS PLUG ALSO.
9. PMP 100' PLUG FROM 2280-2180' (TOP SALE)
10. PMP 100' PLUG ACROSS SURFACE SHOE FROM 425' TO 325' (SHOE AT 377').
11. 10 SX PLUG AT SURFACE. CUT OFF WELL HEAD AND INSTALL DRY HOLE PARKER.
12. CUT OFF ANCHORS, CLEAN LOCATION & FILL PITS. APPROVED 12-4-91 PER RAY W/ OGD II

PRIOR TO STARTING

CALL OGD II 24 HOURS PRIOR TO START: 393-6161 HOBBS
NOTIFY: HENCO: BOB WILLIAMS 624-1818 UT. 867.
ALSO NOTIFY LEONARD CARPENTER @ 623-6601

TUBING: TOTAL

SIZE: 316 JTS 2 3/8" 4.7 N-80 AS OF 5-28-86 REPORT

DEPTH: CAVITY EST @ 10,250'

PKR/ANCHOR: LOK SET EST. @ 10250' AS OF 5-28-86 REPORT

14,584 PRD
14,592 TD

17-7-82 TBG CONVEY 14556-64' &
14564-68'
5-5-83 ADDZ w/ 3000 GALS MCD 101.

LOC SET EST. @ 10250' AS OF 5-28-86 REPORT

TCC @ 10,360' BY CEL 7-2-82

CASING: 6-25-82 DRLG REPORT= 363 JTS. RAN			
106 JTS 5 1/2" 17# S-95	4,246.77 FT		
175 JTS 5 1/2" 17# N-80	6,979.20 FT		
36 JTS 5 1/2" 17# S-95	1,448.65 FT		
46 JTS 5 1/2" 17# N-80	1,938.30 FT		
363 TOTAL JTS= TOTAL FEET>>	14,612.92 FT		

PRODUCTION:	
WT & GRD	5 1/2" 17# S-95 N-80
DEPTH	14,592'
SXS CMT	125 + 1534 SXS
TCC	10,360' BY CEL 7-2-82
BIT SIZE	7 7/8"
DV TOOL @	14,226'
PARKER JOINT	14,124 TO 14,135'