

27-Dec-89

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

OPERATOR: HARVEY E. YATES COMPANY
 WELL NAME: CAVINESS 10 FED. # 4
 LEASE #: NM-53380 API# 30-025-30330
 LOCATION: 990' FNL & 660' FEL
 SEC. 10, T-18S, R-33E, LEA CO. NM
 FIELD: MESCALERO ESCARPE BONE SPRING
 ELEVATION: 4007' GL (12.5' KB)

SPUD DATE: 4/11/89

COMP DATE: 6/6/89

TD 8864'

PBTD: 8826'

SURFACE

WT & GRD 13 3/8" 54.5H
 DEPTH 419'
 SXS CMT 425
 TOC CIRC. 67 SXS
 BIT SIZE 17 1/2"

INTERMEDIATE

WT & GRD 8 5/8" 24 & 32H J-55
 DEPTH 3100'
 SXS CMT 1300 + 1" 110 SXS
 TOC CIRC 3 SXS
 BIT SIZE 11"

PROCEDURE**PLUGGING PROCEDURE**

1. POOH w/ RODS, TBG & ANCHOR. WAREHOUSE RODS.
2. SET 5 1/2" CIBP @ 8350' PLUS 50' CMT ON TOP.
3. CUT 5 1/2" @ 7,000' + OR - & PULL CASING.
4. PUMP 100' PLUG (50' IN & 50' OUT) ACROSS CUT OFF & TAG.
5. PUMP 100' PLUG @ 5114' (TOP OF SAN ANDRES)
6. PUMP 100' PLUG AT 3150' (ACROSS SHOE JT.)
7. PUMP 100' PLUG @ 1588' (TOP OF SALT)
8. PUMP 100' PLUG @ 470' TO 370'. ACROSS SHOE JT.
9. 50' plug
10 SXS SURFACE PLUG. & INSTALL DRY HOLE MARKER. CLEAN UP LOCATION.

TOC @ 7240' BY CBL

ANCHOR @ 8290'

3 6-22-89 PERFS:
 8400-12', 8424-28',
 & 8435-50'. (65 HOLES)

- 1 ACDZ w/ 1950 gals 20% + 3000 gals GELLED 20%
- 2 ACDZ w/ 10,000 gals 28% NEFE & 5000 gals FW

2 5-25-89 PERFS:
 8524-30' & 8555-74'.
 (74- .38" HOLES)

- 1 ACDZ w/ 4000 gals 20%
- 2 ACDZ w/ 10,000 gals 20% + 4000 FW

1 5-18-89 PERFS. CARB.
 8629', 36, 51, 55, 69,
 75', 82' & 86'. (.38" DIA)

- 1 ACDZ w/ 3100 gals 20%
- 2 ACDZ w/ 6000 gals 20% + 3000 gals FW

PRODUCTION:

WT & GRD 5 1/2" 17H J-55
 DEPTH 8866'
 SXS CMT 250
 TOC 7240' BY CBL
 BIT SIZE 7 7/8"
 DV TOOL @ NA
 MARKER JOINT 6002'

TUBING:

SIZE: 2 3/8" 4.7H J-55
 DEPTH: SN @ 8761'
 PKR/ANCHOR: ANCHOR @ 8290'

SN @ 8761'

8826' PBTD

8866' TD

RECEIVED

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