

KCS MEDALLION RESOURCES, INC.

STATE OF NEW MEXICO 20 #1

**AFE # 535
LEASE # 7747**

API # 30-015-29353

990' FNL & 990' FEL
SECTION 20 - T20S - R28E
EDDY COUNTY, NEW MEXICO

SUPPLEMENTAL COMPLETION PROCEDURE

TUBULARS

SUBSURFACE DATA

DATUM

20" Conductor @ 40'
13-3/8", 48 #, H-40 @ 534'
8-5/8", 32 #, J-55 @ 3000'
5-1/2", 17#/20# @ 11425'
2-7/8", 6.5#, P-110, AB Modified Tubing @ 11002'.

BHP = 3500 psi est. @ 11120'
BHT = 180 °F @ 11120'

GL = 3242'
KB = 3257'

PRODUCTION CASING DETAILS (as run)

17#, P-110	11425' - 9884'	1541'
17#, N-80	9884' - 497'	9387'
20#, L-80	497' - 0'	497'

Plug was bumped with 2% KCl water and 2750 psi. First 1000 gals has clay stay.

DIRECTIONS TO LOCATION: From Artesia, NM go 12 miles East on Hwy 82 to C206 (Illinois Camp Rd.), go 14.5 miles South to Angel Ranch Rd, go 2 miles East, 1.5 miles Southeast then West into location.

PURPOSE: Isolate the Morrow "ZZ" depleted zone with sand and cement, perforate the Morrow "B" 2 11118' - 11128', flowback and test.

PROCEDURE:

1. Shut-in well.
2. MI & RU Western Atlas electricline unit (WA - Hobbs - David Kassisieh - (505) 393-4181).
3. Make gauge ring / junk basket run to X nipple (ID = 2.313") @ 11001'. POOH.
4. Dump bail 5 sacks of 20/40 mesh frac sand at TD of 11349'. This should provide 38' of sand plug to 11311'.
5. Dump bail 3 sks. of Class H cement on top of sand plug. This should provide 22' of cement on top of sand plug to 11289'. WOC overnight.
6. RIH with sinker bar on EL and tag PBSD to insure sufficient cement. If not dump bail additional cement. RD ELU.
7. Load hole with produced water from water tank. Record amount of water required to load. Pressure test plug and tubing to 1000 psi for 30 minutes. Record and report results. Monitor tubing/casing annulus to insure tubing not leaking.
8. RU swab unit and swab well down to 4500'. Should recover 26 bbls.