



Proposed

Spud Date 11/10/1999

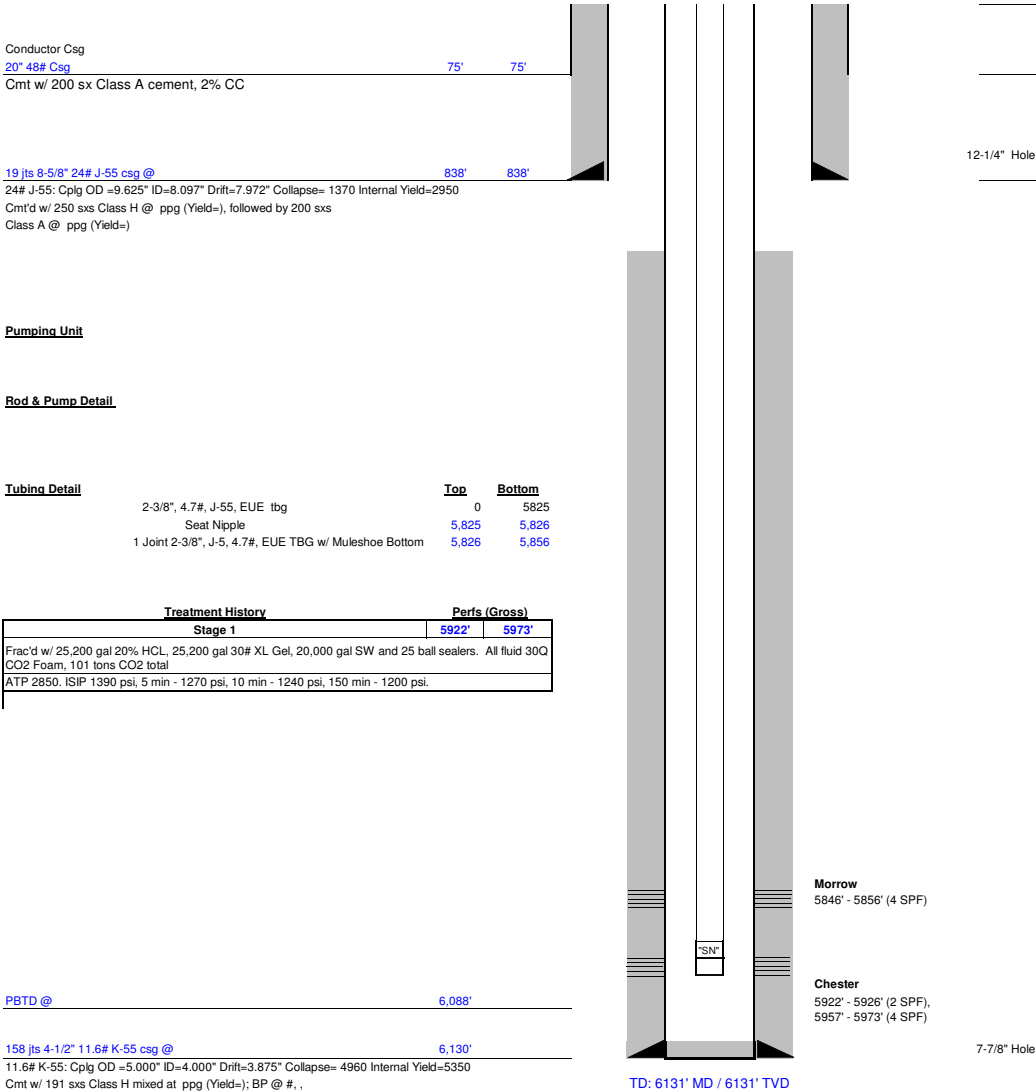
Field McKinney
 County Clark
 State KS
 Well **Theis W 3-5**
 SH Location SEC 5, TWP 35S, RNG 25W
 Elevations 2085' KB; 2073' GL

Wellbore Schematic

15-025-21187
 API No.

Original Completion (12/14/1999)	<input type="checkbox"/>
Current as of 12/3/2008	<input type="checkbox"/>
Workover	<input type="checkbox"/>
Proposed	<input checked="" type="checkbox"/>

Well Bore Data **MD** **TVD**



Conductor Csg
 20" 48# Csg 75' 75'
 Cmt w/ 200 sx Class A cement, 2% CC

19 Jts 8-5/8" 24# J-55 csg @ 838' 838'
 24# J-55: Cplg OD =9.625" ID=8.097" Drift=7.972" Collapse= 1370 Internal Yield=2950
 Cmt'd w/ 250 sx Class H @ ppg (Yield=), followed by 200 sx Class A @ ppg (Yield=)

Pumping Unit

Rod & Pump Detail

	Top		Bottom	
	MD	TVD	MD	TVD
2-3/8", 4.7#, J-55, EUE tbg		0	5825	5825
Seat Nipple			5,825	5,826
1 Joint 2-3/8", J-5, 4.7#, EUE TBG w/ Muleshoe Bottom			5,826	5,856

Treatment History	Perfs (Gross)	
	MD	TVD
Stage 1	5922'	5973'
Frac'd w/ 25,200 gal 20% HCL, 25,200 gal 30# XL Gel, 20,000 gal SW and 25 ball sealers. All fluid 30Q CO2 Foam, 101 tons CO2 total		
ATP 2850. ISIP 1390 psi, 5 min - 1270 psi, 10 min - 1240 psi, 150 min - 1200 psi.		

PBTD @ 6,088'

158 Jts 4-1/2" 11.6# K-55 csg @ 6,130'
 11.6# K-55: Cplg OD =5.000" ID=4.000" Drift=3.875" Collapse= 4960 Internal Yield=5350
 Cmt w/ 191 sx Class H mixed at ppg (Yield=); BP @ #, ,

TD: 6131' MD / 6131' TVD