

Amarillo Exploration, Inc.
One Energy Square
4925 Greenville Ave.
Suite 660
Dallas, TX 75206

Ross #1-31
2970 FSL & 1320 FEL Sec. 31-27S-16W
Kiowa County, Kansas

API # 15-097-20689-0000

WELL DATA:

RTD: 4770'
LTD: 4766'
ZERO: 2131 KB (10' AGL)
COND: 0'
S.CSG: 468' 8-5/8"
LOGS: Superior .DI, CDN, Micro, Sonic

COMPLETION DATA:

PBTD: 4742 '
P.CSG: 4-1/2" 10.5# J-55, 113 jts.
DV None
PERFS:
TBG:
RODS:

CEMENT PRODUCTION CASING

3-27-11

Run 113 Jts. of new 4-1/2", 10.5, J-55, LT&C, range 3 casing as follows top to bottom:

KB to top of csg.	15.00'	
112 Jts new 4-1/2"	4725.89'	
1- ICF	0.00'	PBTD = 4742'
1-Shoe Jt. 5-1/2"	21.53'	
Guide Shoe	1.00'	
Total	4763.42'	6' off TD

Centralizers: 4742', 4703', 4616', 4574', 4489', 4405'

Basket 4615'

Circulate .25 hrs at 2,200, .5 hrs at TD rotate casing.

Allied Cement with 100 sx. ASC, 500 gal. mud flush ahead. Mix at 14.8, pump at 5 BPM. Good circulation. Rotated casing. Lifting pressure 500 psi. Displace with 76 bbls. fw. Plug down at 7:50 pm 3-27-11 with 1000 psi. Plug held. Plug rat and mouse hole w/ 50 sx. Seat slips. Release rig at 8:40 PM.