XTO ENERGY

Well:	Arrowhead Grayburg #328	**WI:**	55.59%
Area:	Eunice	**NRI:**	46.9882%
Location:	1465' FSL & 1240' FEL Sec 35 T21S R36E	**Spud:**	9/6/2005
County:	Lea	**State:**	New Mexico
Elevation:	3562' GL; 3573' KB; 11' KB		

Well History:
Date Completed: Initial Completion
Initial Formation: Grayburg/San Andres
Completion Data: Drill to 4210'. Logged with GR/Cal/DSN/CDL/DLL/MGRD/BCS/Flex. Ran and cemented 5 1/2" csg.Released Rig 9/8/05
Initial Stimulation:
This is the initial completion
Workover History:
9/21/05 – Perf 4080-90 and 4110-30. Acidize w/2,750 gals of 15% NEFE Acid.
10/14/05 – Perf 3940-50. Acidize w/1,000 gals of 15% 90/10 Acid Mutual Solvent; Swabbing 6-8% oil cut.
10/18/05 – Acidize 3940-50 w/ 750 gals of 15% 90/10 Acid/Mutual Solvent. Swabbed 96 BF in 6 hours w/ 10% Oil Cut. Final Swabbing 10/19/05: 108 BF w/15-20% OC.
10/20/05 – Set RBP @ 3932'. Perf 3881-88, 3892-3903, 3910-12, 3918-24, Acidize w/ 1,750 gals 90/10 Acid/Mutual Solvent. Swabbed 248 bbls fluid, 0% OC, FL @1200' Constant
12/23/05 – Squeeze perfs 3881-3924 with 200 sx of Cl C Neat and 350 sx of Cl C w/ 2% CaCl2.
12/29/05 – Drld out hard cmt 3881 to 3958. Squeezed perfs from 3940-50 showing communication between upper and lower perfs.
12/30/05 – Perf 3842-44, 3870-72, and 3974-78. Could not pump into 3870-72. Stim 42-44 with 250 g 15% NEFE.
1/4/06 – Perf 3981-89, 3860-64, and 3824-26. Stim each zone with 500 g 15% NEFE. Note 3974-3989 broke down at 2615 psi.
1/10/06 – Hung well on Rod Pump and RWTP.
4/21/06 – Squeeze 3974-3989 with Diamond Seal. Perf 3940-50, 3975-84, and 3790-97 6 JSPF. Acidize 3940-50 w/ 250 gals 20% NEFE. Swab. 47 BW 0% OC. Acidize 3775-3797 w/ 500 gals 20% NEFE. Swab 118 BW 5% OC. RWTP on ESP
4/28/06: Run Test ESP with IP of 22/397/11.

8 5/8" 24#, J-55; Set at 1179'.
Cemented with Lead - 350 sx Cl "A" (4% Gel, 2% CaCL, ¼# flocele; Tail 175 sx Cl "H"(2% CaCl).
Did not circulate-TOC 85' by TS.
Topped off with 100 sx thru 1".

Zone Tops:

Anhydrite	
Salt Base	
Yates	
7 Rivers	
Queen	
Penrose	
Grayburg	
Zone 1	3735'
Zone 2	3770'
Zone 2a	3800'
Zone 3	3830'
Zone 4	3865'
Zone 5	3920'
Zone 6	3972'
San Andres	4030

Tubing Detail:

KB	11.00'
117 jts.2-7/8" tubing	
1	2-7/8" SN
1	4' 2-7/8" Sub
1 Woods TD-1750 ESP	
Landed @	3766.04"

Zone 2: 3775-84 (9' – 6 JSPF; 54 holes)
Zone 2: 3790-97 (7' – 6 JSPF; 42 holes)
Zone 2A: 3824-26 (2' – 2 JSPF; 4 holes)
Zone 3: 3842-44 (2' – 2 JSPF; 4 holes)
Zone 3: 3860-64(4' – 2 JSPF; 8 holes)
Zone 4: 3870-72 (2' – 2 JSPF; 4 holes)

Pool 3775-3872

CIBP@3876'
Short Joint @ 3493-3515
CIBP@3955'
CIBP/Cmt 4035-70'
FC @ 4163'

Zone 4: 3918-24, 3910-12, 3892-3903, 3881-88, 4 JSPF, (26'-52 holes) 90 deg phasing
Zone 5: 3940-50 (10' – 4 JSPF; 40 holes) Squeezed. Reperf'd, 4/12/06
Zone 6: 3974-78, 3981-89 (12' – 2 JSPF; 24 holes)
Upper SA: 4080-90 & 4110-30

PBTD 4163'
TD 4210'

5 1/2" 17#, J-55; Set at 4208'.
Cemented with Lead - 625 sx interfill "A" w/0.25 pps flocele, Tail w/275 sx "C" w/ 0.5% LAP, 0.4% CFR-3, 0.25 pps D-Air, 3 pps Microbond
Circulated 75 sx. to pit.

PREPARED BY: Greg Hicks **DATE:** 5/1/06

MW Roswell Hobbs OCD