

CURRENT WBD

FIELD: WHITE CITY PENN

WELL NAME: WCPU 3-1

FORMATION: MORROW

LOC: 2310' FNL & 2310' FWL
TOWNSHIP: 24-S
RANGE: 26-E

SEC: 28
COUNTY: Eddy
STATE: NM

CURRENT STATUS: Producing
API NO: 30-015-21937
CHEVNO: EP2240

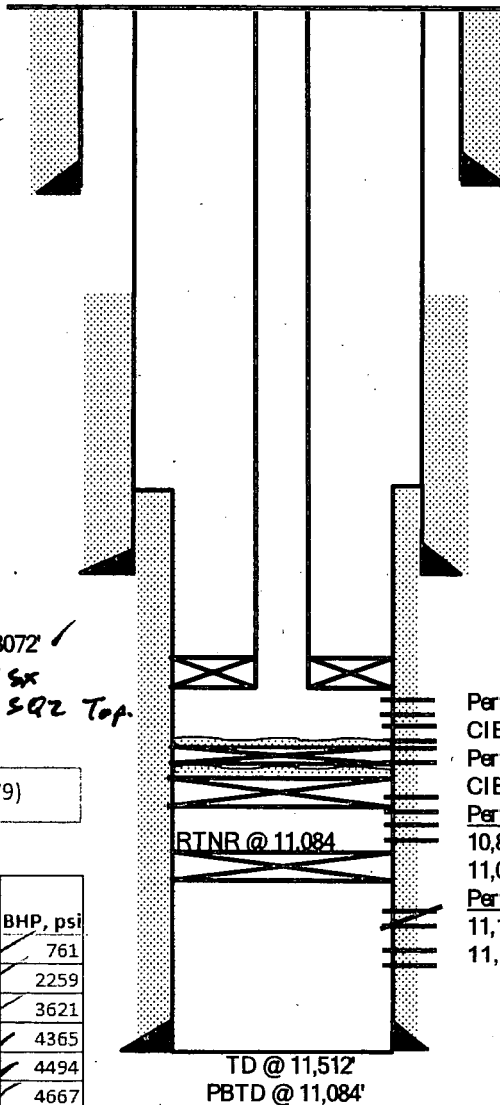
17 1/2" hole
13 3/4" Hole ✓
10 3/4" OD, 40.5#/ft ✓
Surf. Pipeset @1900' ✓
w/ 1200 sxs cmt. - drc. ✓
TOC @ surface ✓

9 1/2" Hole ✓
7 5/8" OD, 26.4#/ft ✓
Pipeset @ 8336' ✓
w/900 sxs ✓
TOC @ 2950' T/S

6 1/2" Hole ✓
5" OD, 17.93#/ft ✓
set @ 11,511' w/ TOL @ 8072 ✓
w/565 sxs cmt ✓ 465 sxs
TOC @ 8072 ✓ 200 sqz Top

Tight spot at 9600' (1979)

Formation Name	TD, ft	BHP, psi
Delaware	1,758	761
Bone Springs	5,216	2259
Wolfcamp	8360	3621
Strawn	10,078	4365
Atoka	10,375	4494
Morrow	10,775	4667
Barnett	11,493	4978



Treatment History

Jan 1977

Perf 11,118-24 & 11,192-96
W/4.32" JHPF, 40 Holes Total

Aug 1978

Set RBP @ 11,158 & prod pkr
@ 11,070'. Isolated lower perms

Nov 1978

Sqz perms 11,118-11,124'
Acidize perms 11,192-96'
w/4000 gals Morrow acid
w/1500 SCF/bbl N2

Aug 1979

Set rtmr @ 11,084'. Perf @ 10892-
902' & 11,062-69' w/2 1/2" JHPF
Acidz w/6000 gal 7.5% slick acid.

Perfs 9654' - 9774' ✓ Cased/Cyn
CIBP @ 9,891 with TOC @ 9877 ✓
Perfs 9,935 - 10,658' ✓
CIBP @ 10,820 w/ 20' cmt. ✓
Perfs
10,892-902' ✓
11,062-69' ✓
Perfs
11,118-24' (squeezed) ✓
11,192-96' ✓

LONG TUBING set at 9,586.1ftKB on 12/28/2007 00:00						
Tubing Description	Run Date	Spring Length (m)	Set Depth (MD) (ft)	Set Depth (MD) (ft)	Set Depth (MD) (ft)	Set Depth (MD) (ft)
LONG TUBING	12/28/2007	9,566.11	9,586.1			
Item	QTY	OD (in)	WT (lbm)	Grade	Len (m)	Set Sum (ft)
TUBING	1	2 7/8	6.50	L-80	31.24	51.2
TUBING SUB	1	2 7/8	6.50	L-80	10.10	61.3
TUBING SUB	1	2 7/8	6.50	L-80	6.20	67.5
TUBING	306	2 7/8	6.50	L-80	9,500.66	9,568.2
CROSS OVER	1	3.668	4.70	L-80	0.45	9,568.7
ON-OFF TOOL	1	3 3/4	0.00	SS	1.38	9,570.0
PACKER SINGLE	1	4	0.00	NA	6.60	9,576.6
TUBING SUB	1	2 3/8	4.70	L-80	8.10	9,584.7
NIPPLE	1	3	0.00	NA	0.95	9,585.7
WIRE-ENTRY GUIDE	1	3 3/4	4.70	NA	0.43	9,586.1

D*

Additional data for EC transaction #472828 that would not fit on the form

32. Additional remarks, continued

7. Spot 70 sx CL "H" Cement f/ 8,410' t/ 7,972' (Wolfcamp, TOL). *woc tag.*
8. Spot 35 sx CL "C" Cement f/ 5,266' t/ 5,116' (BS).
10. Spot 25 sx CL "C" Cement f/ 3,583' t/ 3,473'.
11. Perforate casing at 1,950' & squeeze 135 sx CL "C" Cement f/ 1,658' t/ 1,950' (Delaware, Shoe).
12. Perforate casing at 400' & squeeze 185 sx CL "C" Cement f/ Surface t/ 400' (FW).
13. Cut off wellhead 3' below grade, Verify Cement To Surface, install required dry hole marker as per COA's, turn over to reclamation.
All cement plugs will be class "C" (<7,500') or "H" (>7,500') with a closed loop system used.