

API	30-025-22137		Prospect Name:	Paduca Federal SWD #3
Operator	O'Neill Properties, LTD	OGRID	UTM	628413 3554912
Well Name	Federal		Lat/Long	32.12498 103.63871
Well Number	1		R-111-P	No
Unit	P		Lay description	

Section 14
 Township - Range 25S-32E
 County Lea
 Footage NS 660 FS
 Footage EW 660 FE
 TD 4904

Plug Back depth
 Spud date 5/24/1967
 P&A date TA
 Elevation GL 3434
 Elevation KB/DF 3445
 Surface Bit size 12-1/2"
 Surface Casing size 8-5/8" 24# J-55 STC
 Surface Casing set depth 373
 Surface Cement - sxs 186

Circulate: Yes Comment: Circ 8 sx

Intermediate Bit size
 Intermed Casing size
 Intermed Casing set depth
 Intermediate Cement - sxs
 TOC Intermediate

Circulate Comment:

Production Bit size 7-7/8"
 Production Casing size 4-1/2" 11.6/9.5# J-55 STC
 Prod Casing set depth 4897
 Production Cement - sxs 200

Circulate: No Comment TOC 4300 TS

Perf 4851, 52, 53, 55 w/2 JSPF. Frac 1000 gal oil w/1# sd/gal. Flow & Swb 85 BOPD + 55 BWPD

Other
 Suspended operations 3/16/1999, TA 11/30/1999 WO" price increase"
 BLM required return by 3/26/2000

P&A NOT P&A

Misc comments
 Core #1 4814-4868 4814-49.5 barren NS, 4849.5-4855 sd w/good show, 4855-59 shy sd scattered show, 4859-61 fair-good sd & show, 4861-62 shaly sd scattered show, 4859-61 fair-good sd & show, 4861-62 shaly sd NS, 4862-67 fair-good sd w/show, 4867-68 dense sd no show.
 Core #2 4868-4904 top 3' clean sd w/SO, rest of core lost.
 DST 4815-4868 open 5 min, SI 30 min. Poen 1 hr 35 min. Gas to surf 4 min, 3' flare. Rec 70' VH Oil cut mud, 420' gas cut oil, 120' oil, 150' DM.
 H-in :& out 2528#. 30 min ISIP 2007#, if 100#, ff 341# fsi 1895#

Formation Tops - Opr T/Anhy 760, T/X 1100, B/X 4544, T/Lamar 4772, T/Ramsey 4814. T/Ford Sh 4838, Olds 4850, B/Olds O-show 4874

KH tops based on Opr B/Qal 124, Rustler 760, T/Main X 2325, B/X (T/Castile) 4545

Lease data:

Exhibit 4A