

WELL NAME AND  
NUMBER

PARDUE FARMS "27" NO.1

DEC 3 1980

STATE New Mexico

FIELD

Eddy UND Upper Atoka (Gas)

O. C. D.  
ARTESIA OFFICE

COUNTY Eddy

Date	Depth	Remarks
11/16/80	11600' PB	9 hrs. RU McCullough and run Gamma Ray Correlation Log from 6612' back to 6000'. RU and perforate 9 5/8" casing w/4" Csg. Omega Jet Perf gun, 1 shot per foot as follows: 6274-6284', 6318-6330', 6335-6339', 6350-6354', 6358-6362', 6380-6384', 6401-6419', 6463-6476', 6481-6484', 6555'-6563', 6580' & 6588' (85 shots). RD McCullough, close well in.
11/17/80	"	Shut down for Sunday.
11/18/80	"	Shut down for bad weather.
11/19/80	"	Swabbing 2 7/8" tbg. 8 hrs. remove BOP's and strip Baker Model R pkr. w/SN in top. Re-installed BOP's. RU and run 192 jts. 2 7/8" 6.50# N-80 EUE tbg. Halliburton spotted 1000 gal. 15% NE acid from 6588-6275'. Pulled 17 jts. Remove BOP's and installed wellhead. Pkr. set with 20,000# compression at 6082'. Halliburton broke formation w/acid on spot w/10# KCl water. Max 2000# at 7 BPM. Formation broke at 950# at 3 BPM. Pumped 40 bbl. total. Total fluid to rec. 94 bbls. Open well - flow to pit 1/2 hr. Rec. 10 bbls. Swbd. 2 hrs - Rec. 18 bbls. (total 28 bbls.) Load to recover 56 bbls. SI 14 hrs. TP 200#.
11/20/80	"	Swbg. & Tstg. 8 hrs. swab, fluid level at surface, swbd to 6000'. Rec. 38 bbl. fluid w/show of oil & gas. 18 bbl. to recover. After SI 15 hrs., TP 400#.
11/21/80	"	Prep to frac.
11/22/80	"	Swabbing. 4 hrs. swbd. 2 7/8" tubing. Fluid level at 4800' on 1st run. Swbd to 6000'. Recovered 5 BO, Shut down. After SD 18 hrs., TP 400#. Prep to acidize and frac.
	"	2 hrs. swbd 2 7/8" tbg. Fluid level at 4600'. 4 hrs. RU Halliburton & Acidized w/4000 gal 15% HCL acid at 5130# at 13.3 BPM down to 3700# at 16.3 BPM, ISIP 1000#, 5" SIP 790#. 2 hrs. WO ball sealers to drop off & fall. RU & frac in 3 stages as follows: 10050 gal gel pad, 30150 gal gel wtr, sand from 1# to 7 1/2# 20/40 - total 130,000#, 20000 gal CO <sub>2</sub> at 20 BPM Avg Inj Rate, Avg Inj Pressure 4700#. Flushed w/6200 gal slick water, ISIP 1500#, 5" SIP 1300#, 10" SIP 1200#, 15" SIP 1000#. 2 hr RD Halliburton w/well closed in. Opened on 1" choke at 4:15 pm New Mex time w/pressure at 1100#, down to 800#. Fl. 12 3/4 hr w/TP 800# down to 200#. Show of gas & oil at pit at 3:15 am. Gas Est 100 MCF. Rec. 1204 Bbl fluid, 0 bbl to rec.