

AUG 12 1983

660' FNL & 660' FEL, Section 31-T7S-R25E
Chaves County, New Mexico
Elevation 3702' G.L.

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- 3/25/82: (cont.) total 2,000 gal. 7½% acid. Pumped total 73,000 standard cubic feet nitrogen. Dropped 16 balls. No ball action and did not ball off. Average treating pressure - 3000#; Average injection rate - 6 bbl./min.; Instant Shut down pressure - 1200#; after 5 min. - 1100#. Flowed back to 5:00 p.m. 3/24/82. Morning 3/25/82 - 125# TP. Flow down start to swabb. Got gas to surface - pulling tubing.
- 3/26/82: Fraced with 30,000 gals. of gelled 2% KCL water, 15,000 gals. CO₂ carrying 47,000# 20-40 sand and 16,000# 10-20 sand. Average rate - 20 bbl/min; Average Pressure - 3200 psi; ISIP - 1400 psi; 15 min. - 1100 psi; SI - 2 hours. Flow back load to pit.
- 3/27/82: Flowing tubing pressure - 50 psi on ½" choke. Casing Pressue - 300 psi; shut in at 4:00 p.m.
- 3/28/82: SITP after 24 hours - TP - 500 psi; CP - 500 psi
SITP after 48 hours TP - 500 psi; CP - 500 psi
Bleedown and well died. Shut in and will swab load back.
- 3/30/82: TP - 400 psi; CP - 510 psi.
- 3/31/82: TP 400#. CP 375#. SI after 13 hrs. Last night the well kicked off and flowed until approximately 7:30, at 50# on ¾" choke, unloading lots of water. This morning, after flowing 40 mins., well showing lots of gas, flowing water about half way across the pits.
- 4/01/82: TP - 400 psi, CP - 350 psi. Flowed water and gas for 45 min. died down, started swabbing well. 1st run - pulled 1200' H₂O; 2nd run - 500' fluid; 3rd run - 150' fluid; swabbed on well every 30 min. pulling 150-250' fluid. Ran 3 joints to see if perfs had any sand on them (there was no obstruction) pulled 2 joints - swabbed well dry. Left well flowing overnight.
- 4/05/82: Ran 48 hour pressure build-up. BHP after 48 hours = 761 psi. Release pulling unit. Will run tracer to determine if frac is out of zone.
- 4/06/82: Ran Cardinal Surveys tracer survey. Temperature and tracer indicates fluid movement below perfs. SI Waiting on pulling unit.
- 4/07/82: Pull tubing. Ran RBP to 3654'. Testing casing.
- 4/08/82: No leak in casing. Swabbing load water back.
- 4/09/82: Swabbing load water. SI at 2:00 p.m.
- 4/10/82: TP - 50 psi; CP - 100 psi.
- 4/11/82: TP - 100 psi; CP - 150 psi.
- 4/12/82: TP - 150 psi; CP - 175 psi. Swab back 2000' fluid. Kicked well off. Swabbing every hour - 60' of fluid. TP & CP dropping off hard. Swabbed dry. SI
- 4/13/82: Rig down pulling unit. TP - 175 psi; CP - 225 psi.
- 4/14/82: 48 hours buildup. TP - 500 psi; CP - 500 psi.
- 4/23/82: Pull tubing out of hole. Go in hole with Model R packer. SD for weekend.