

ENERQUEST RESOURCES, LLC

DAILY WORKOVER REPORT

McCasland "18" Fee No. 2
UL F, Sec. 18, T-20-S, R-39-E
Lea County, NM

Purpose of workover: Plug back from Drinkard/Abo to test Tubb formation.

2001

05-22: MIRUSU. Unseat pump & TOH w/rods & pump. ND wellhead & NUBOP. Released TAC & POH w/tbg. RU wireline truck & RIH w/ CL & 5 1/2" CIBP. Set CIBP @ 6860'. Perf following intervals w/1 JSPF: 6660-70, 6716-22, 6730-32, 6745-51, 6754-62, 6765-67, 6783-85, 6791-93, 6820-24. Total of 52 holes. RD wireline. SI well & SD @ 5:30 pm MST.

DWC: \$6,440

CWC: \$6,440

05-23: RIH w/2 3/8" tbg & pkr. EOT @ 6830'. Loaded tbg/csg w/2% KCl water. Spotted 250 gals 15% NEFE HCL across perfs. PU EOT to 6576', pkr @ 6516'. Set pkr & open bypass. Reversed 2 bbls wtr & close bypass. Pressure annulus to 500 psi ok. Attempt to break down perfs. Open bypass on pkr & spotted acid & balls to pkr. Closed bypass & acidized formation. Dropped 75 BS thru job. Pumped 2,750 gals 15% NEFE HCL acid. AIR 2.97 BPM. Max press 4230 psi. Some ball action w/60 bbls acid on formation. Avg press 3102 psi. ISIP 2900 psi, % min SIP 2730 psi, 10 min SIP 2460 psi, 15 min SIP 2310 psi. 98 BLWTR. Opened well to tank & no fluid. RU swab. IFL @ surf. Made 6 runs w/swab. Had to SD & cut paraffin. Made 2 more runs w/swab & tbg was dry. Made total of 12 swab runs. Rec total of 32 BLW. 66 BLWTR. Began seeing formation gas on 9th swab run. No oil show. FFL @ SN. Secure well & SDON @ 5:30 pm MST.

DWC: \$6,150

CWC: \$12,590

05-24: 14 hr SITP 1800 psi. Open well to tank @ 7:30 am MST. Flowed to tank until 9:00 am thr 2" ball valve cracked open. Well flowing approx 35 MCF/day rate once pressure bled off & continued thru day. RU swab & tag fluid @ 4500' FS. 2nd swab run rec approx 500' of water. 3rd swab run from SN. Tbg dry. Wait 1 hr. RIH to SN w/swab. POH w/about 50' of fluid. RD swab. IFL @ 4500'. FFL @ SN (6510'). Rec 1.5 BLW & 0 BO. 64.5 BLWTR. RU to run rods in hole & LD same in singles. RIH w/40 triples & TOH LD rods on rack. Secure well & SDON @ 5:00 pm MST. Set 2 500 BBL frac tanks for frac job. Prep to continue LD rods & prep for frac job to be pumped 5-29.

DWC: \$1,775

CWC: \$14,365

05-25: 14 hr SITP 1950 psi. Blew tbg down to tank. No fluid to surface. Opened bypass on pkr & equalized well. Released the pkr. RIH w/175 rods. POH & LD rods in singles on rack. POH w/203 jts of 2 3/8" tbg, pkr & 2 jts tailpipe. NDBOP & tbg head. WO treating valve 1 hr. NU 6" 5000# treating valve. Hooked up flowline to the tank battery & opened well to sales line on a 22/64" choke. Filled frac tanks w/fresh water. SD for Memorial Day weekend.

DWC: \$1,600

CWC: \$15.965

05-29: RU Dowell to frac well w/36,531 gals of YF125LG fluid & 84000 lbs of 20/40 Ottawa sand as follows:

DESC	VOL(GAL)	PROPPANT	RATE(BPM)
Pad	11000	Pad	19
1 ppg	3000	3000	40.1

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05-29: (Cont.)

<u>DESC</u>	<u>VOL(GAL)</u>	<u>PROPPANT</u>	<u>RATE(BPM)</u>
2 ppg	3000	6000	39.9
3 ppg	3000	9000	40.2
4 ppg	4000	16000	40.2
5 ppg	10000	50000	39.8
Flush	6732	flush	35.3

ISIP 2950 psi, 5 min SIP 2645 psi, 10 min SIP 2572 psi, 15 min SIP 2535 psi. 970 BLWTR. SI well & RD Dowell.

DWC: \$38,700

CWC: \$54,665

05-30: 20 hr SITP 750 psi. Blow well down to tank. ND trtg valve & spool. NU tbg head & NUBOP. TIH w/notched collar & tagged fill @ 6830', no fill over perms. TOH & LD 8 jts 2 3/8" tbg. RIH w/5 1/2" Arrow Set 1 pkr, SN & 179 jts of 2 3/8" tbg. Secure well & SION @ 5:00 pm MST.

DWC: \$2,600

CWC: \$57,265

05-31: SITP 0 psi. Well full of fluid & running over. RIH w/additional 24 jts of tbg (203 jts total). Set pkr in 12000# tension @ 6577.75'. NDBOP & NU wellhead. Cut off 600' of sand line on rig & RU to swab. Made 12 runs w/swab. After 12 runs well began flowing load water to tank. Swabbed & flowed 187 BLW in 8 hrs. IFL @ surf. FFL @ 2300' FS. When well started flowing had 5% oil cut. 698 BLWTR. Let well flow on 20/64" ck to tank for 3 hrs. Hooked up wellhead to flowline to tank battery. Well was selling 325 MCF/day rate on 14/64" choke w/ FTP 640 psi. Very little frac sand in fluid. SI well @ 8:30 pm, FTP 640 psi. flow rate 360-450 MCF/day on 14/64" choke.

DWC: \$2,125

CWC: 59,390

06-01: 11 hr SITP 1660 psi. Blew tbg down to tank & no fluid to surf. RU to swab. RIH w/swab & tagged fluid @ 2300' FS. Pulled swab from 4000'. 1st sample 75% oil. 2nd run FL @ 1800' FS & 10% oil. 3rd run FL 1200' FS & 100% wtr. well kicked off & started flowing after 3rd swab run. Let well flow to tank until separator hooked up. FTP 400 psi On 25/64" ck. Switched well to tank battery @ 1:00 pm thru the separator. FTP 400 psi on 25/64" ck. Oil cut 10%-15% flowing 700 MCFD rate thru sales line. 579 BLWTR. Release pulling unit & all rental equipment.

DWC: \$3,900

CWC: \$63,290

06-02: 16 3/4 hr. 25/64" ck. FTP 375 psi. 17 BO + 288 MCF + 60 BLW. 519 BLWTR.

06-03: 24 hr. 25/64" ck. FTP 370 psi. 22 BO + 760 MCF + 85 BW. 434 BLWTR.

06-04: 24 hr. 25/64" ck. FTP 395 psi. 19 BO + 775 MCF + 72 BW. 362 BLWTR.

06-05: 24 hr. 25/64" ck. FTP 375 psi. 19 BO + 774 MCF + 50 BW. 312 BLWTR.

06-06: 24 hr. 25/64" ck. FTP 375 psi. 22 BO + 767 MCF + 48 BW. 264 BLWTR.

06-07: 26 hr. 25/64" ck. FTP 325 psi. 8 BO + 760 MCF + 52 BW. 212 BLWTR.

06-08: 22 hr. 25/64" ck. FTP 360 psi. 14 BO + 759 MCF + 43 BW. 169 BLWTR.

