

NEW FILE

MID-CONTINENT DIVISION
DAILY DRILLING/WORKOVER REPORT

PRESIDIO OIL COMPANY
3131 TURTLE CREEK BLVD., STE. 400
DALLAS, TEXAS 75219

H. W. STOTT FED. NO. 1
East Avalon Area
Eddy Co., NM
Operator: Presidio
WI: 100%
NRI: 87.5%

TD: 5615'
Formation: Delaware
AFE.: N/A
AFE Amt.: N/A

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- 10/02/90 RU on location @ 8:30 AM. RU - remove wellhead. Install 6" 300 Double BOP 2-7/8 rams. TOH w/rods & pump (sent pump to Union Supply for repair.). TOH w/172 jts 2-7/8-6.5# J-55 tbg and anchor. RU Wedge W/L truck - run gauge ring to 5500'. Run wire line 5-1/2-15.5# CIBP & set @ 5450 - dump 50' of cmt on it. PBID: 5400'. TIH w/78 jts tbg (2515') lay down same. Shut-down @ 5:00 PM w/tools on bank.
DC: \$2216; CUM: \$2216
- 10/03/90 Load hole w/50 bbls prod wtr; F/L @ 1380 (1475' above perfs). RU Wedge perf truck. Perf the lower Delaware w/4" casing gun @ 3016-3008 = 8'w/4 HPF - lost 5.5 bbl of load wtr when gun fired. 2nd & 3rd perf runs @ 3006'-2990' = 10'w/4 HPF & 2968-2954 = 14 HPF total holes 128/test 4.4 bbl in upper perfs - no surface press. Fld standing @ 1990' - F/L before was @ 1480. Make up 5-1/2 Mod. "R" Big Bore Packer 2.25 SN & TIG w/9 jts 2-7/8 tbg to leave hanging @ 3027 = 11' below btm perf. LD 100-3/4" rods. Swab F/L down to SN @ 3023' - PU & set packer @ 2868. SD @ 3:00 PM. WO Dowell. Dowell will be on location @ 8:00 AM 10-3-90. 6 swab runs - 1st run F/L @ 1900 - swabbed back 34 bbls load wtr plus 5 bbl oil - total load 37 bbls of prod. water.
DC: \$7584; CUM: \$9,800
- 10/04/90 WO Dowell - rain stopped. RU Dowell & acidize thru lower Delaware perfs @ 2954 to 3016 w/1000 gal 7-1/2% HCl. 1st acid work - total load = 40 BBLs. Swab back load - made 6 runs - recovered tbg capacity (17 BBLs) on 1st run - last 3 runs were from cn @ 2868 w/no recovery. Shut down @ 2:00 PM WO Dowell. Will be on location @ 7:00 AM 10-4-90 ready to pump.
DC: \$2206; CUM: \$12,006
- 10/05/90 Attempt frac job on the lower Delaware @ 2954-3016. Pumped & start sand - pumped pad & start sand - pump 13 BBLs sand & screened off w/sand on perfs. (tbg possibly plugged @ packer). Load backside & release packer - try to reverse out tubing; start out of hole w/packer - work packer up hole 45' - cannot go down or come up. Packer stuck @ 2823 w/frac sand. Run sinker bar in hole - tag up @ 2823 in CN; WO backoff truck & wash pipe. RU Wedge W/L truck to run free pt. - packer stuck - back off 2 jts above packer @ 2760; TOH w/tbg. PU washover pipe; found no sand in tbg or packer. SD @ 6:30 PM. Fishing tools in hole 4-3/4 smooth washover shoe - Bull Dog over shot 2 jts 4-1/2 washover pipe + bushing; x-over - oil jars - 4-3/4 OD DC.
- 10/06/90 Finish TIH w/wash pipe. RU power swivel. Wash over fish from 2760-2820; 4' of sand on top of packer. Release overshot & TOH. LD wash pipe; PU 1 jt 2-7/8 tbg below jars and TBIH; screw into fish. Jar packer loose. Worked up hole 41' before freeing up. TOH; LD fishing tools & packer. Make wiper run w/csg scraper to 3030'; tight spot @ 2820 & 2779 - TBOH; LD scraper; make up Elder 5-1/2 Mod R-1 995 ID packer - 225 ID. TIH w/90 jts 2-7/8 tbg & set @ 2897 w/10000# compression. SD @ 5:00 PM w/tools in hole.
DC: \$22,790; CUM: \$37,984
- 10/07/90 Load backside and pressure test packer @ 1500# surface pressure w/Dowell (OK). Tie into tubing & establish injection rate @ 7 BPM @ 2100# w/gel pad. SD @ 9:30 AM & WO Dowell frac truck. Will frac Sunday morning @ 7:00 AM 10-7-90.
DC: \$2,735; CUM: \$40,719

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10/08/90 RU Dowell; mix pad; attempt 2nd frac on lower Delaware perfs @ 2954-3016; start treatment @ 8:20 AM & finish @ 9:55 AM w/no trouble. Well shut in- install 3/8" choke - 400# on tbg @ 12:00 PM. Open to pit on 1/8th choke; flowing 10 GPM - 1 hr tbg pressure 100#; 1-1/2 hrs 0 tbg pressure. Flowed back 84 bbls of load. Swab back 91 bbls of load w/15 runs - F/L staying @ 1800 average 3 runs per hr. No shows. SD @ 6:30 PM

STAGE	RATE	PRESSURE
Put 1100# on backside	-	1100#
Start YF 130 pad 238 bbl	3.68/BPM	2420#/1870#
Start 1/8# 20/40 sand	8 BPM	1870
1# P.G.	8 BPM	1880
1-1/2# P.G.	8 BPM	1830
2# P.G.	8 BPM	1810
3# P.G.	8 BPM	1760
4# P.G.	8 BPM	1710
6# P.G.	8 BPM	1330
Start 12/20 RCS	8 BPM	1295
6# P.G.	10 BPM	1323
6# P.G.	10 BPM	1318
Cut sand/start flush	10 BPM	1318
Tbg flushed - Shut down	10 BPM	1682

ISI 1100#
:5 mi 1030#
:10 mi 1020#
:15 mi 990#
2:hrs 400# open to pit @ 12:00 PM on 1/8th choke.
19000 G21 YF 130 frac & sand
238 bbl gel pad - 19400# 10/40 Brady sand - 12560# 12/20

DC: \$18,606; CUM: \$59,325

10/09/90 Swab back load wtr. Made 41 runs; recovered 233 bbls (226 bbls of load + 7 bbls of oil); F/L staying @ 2000'; swabbing from CN @ 2892; total load 751 bbls; total recovery 361 bbls; left to recover 382 bbls. SD @ 6:00 PM. This AM 65 psi STTP, F/L 1000 ft.

10/10/90 Make 2 swab runs - recovered 13 bbls water - 1 bbl oil; total load recovered 374 bbls plus 8 bbls oil w/377 bbls of load left in hole. Release packer and TOH & ID same. Made up 1 jt mud anchor; tbg anchor - 2.75 ID SN; TIH w/89 jts 2-7/8 - 6.5# J55-8rd EUE tbg; SN @ 2857- tbg anchor @ 2858 - btm of mud anchor @ 2829 - 65' above top perfs - set tbg anchor in tension (4000#); remove BOP; make-up 1-1/4 OD gas anchor - 2-1/2 x 1-1/2 x 16' rod pump; run 51-3/4" - 63-7/8" rod; space out & hang on pump. Well on production @ 12:30 PM 10-09-90. RELEASE RIG @ 12:30 PM on 10/09/90.
DC: \$2680; CUM: \$64,233

10/11/90 Recovered 140 BW; no oil.
DC: \$0; CUM: \$64,233

10/12/90 Pumping, no gauge.

10/13/90 No report.

10/14/90 1 BOPD, 140 BWPD

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10/15/90 1 BOPD, 150 BWPD

10/16/90 4 BOPD, 140 BWPD

10/17/90 3 BOPD, 140 BWPD

10/18/90 Rig on location & rigged up @ 12:00 PM. Remove wellhead. TOH w/rods & pump. Install 6" 3000 BOP w/2-7/8 rams. TOH w/tbg; lay down anchor. Rig up Wedge W/L truck. Set 5-1/2 - 15.5# CIBP @ 2908 & dump 50' of cmt. F/L @ 1160'. PU 4" csg gun & perfed the upper Delaware @ 2750-2765 = 4 SPF - 60 hole (.53 size) no surface pressure; all shots fired. PU Baker Mod. "R" Big Bore Packer - 2.25 SN. TIH w/82 jts 2-7/8 - 6.5# J55 tbg. Set packer @ 2635 w/11000# compression; string weight 18000# - SN @ 2634. Swab fluid level down to SN. Rec 6 bbls load wtr. - 2% oil. Shut down @ 6:00 PM.
DC: \$6,525; CUM: \$70,757

10/19/90 RU Dowell to treat the upper Delaware @ 2750-2765. Test packer down backside @ 1100#; packer leaking; move up hole 2' to reset @ 2633'; pressure up backside @ 1500 & holding; start down tbg w/Pre Flush packer turned loose @ 2700# on tbg. TOH w/mod "R"; PU 5-1/2 Baker Lokset. TBIH to 2770'. WO Dowell. Spot 2 bbl 7-1/2% acid across perfs @ 2750-2765; pull up & set packer @ 2634 w/10000# tension upon it; test backside w/1500#; pressure dropped off to 1180 & held; start down tbg w/10 BBL wtr; tbg pressure 2500 @ 2 BPM. Pressure on back jumped to 2150; shut down; move packer down hole 32' & reset; test backside @ 1500# & held. Start down tbg @ 2 BPM; Pres 2000# & tbg pres jumped to 1950; shut down. Release packer & pulled out of hole w/possible hole in tbg. Shut down @ 6:00 PM w/tools on bank.
DC: \$2,493; CUM: \$73,250

10/20/90 RU Hydro test trk. Make up 5-1/2 Baker LokSet packer; 2.25 SN; test tbg above slips @ 5000 psi; GIH had 1 collar w/very small leak - no bad joints. Set packer @ 2632 w/full string wt down (18000#) on it; test back side w/1500# & held OK; acidize upper Delaware perfs w/Dowell. Release packer & wipe balls off perfs. Set packer @ 2632 & test same @ 1500# & held; bled down pressure to 500# on backside & start frac job. Pumped 133 bbls of pad; max press 2040 psi @ 8 BPM & drop to 1840 psi. Start 12/20 sand @ 1/2 ppg @ 1810# start 1 ppg @ 2440' psi start 1.5 ppg - 1/2 ppg sand on perfs; tbg pressure went 3680 - cut sand @ shut down. Release packer & reverse out; reset packer; start pad (38 bbls) Gel'd wtr @ 8 BPM @ 2600 psi; start 1/2 ppg 12/20 sand; start 1 ppg sand. 2900 psi @ 8 BPM; start 2 ppg @ 8 BPM; tbg pressure went to 3680 psi w/1/2 ppg of sand on perfs; cut sand ; shut down w/tbg pressure @ 4600 psi. Release packer & reverse out - lowered packer down hole & tag up 3' below btm perf @ 2768; pull up & reset packer @ 2696-54' above perfs & swab back load. Recovered 14.5 bbls in 3 runs last 2 from SN. No recov on first run. SD @ 5 BPM.

DC: \$11,247; CUM: \$73,250

10/21/90 Make up 2 swab runs - recovered 12 bbls load w/tr of oil; release LokSet packer; TOH & LD packer; PU 2-7/8 x 32' mud anchor; tbg anchor; 2.25 SN. TIH w/83 jts 2-7/8 6.5# J-55 8 rd tbg; set tbg anchor @ 2676; SN 2673; Btm of mud anchor 2708 42' above top perf. Remove BOP. Make up 1-1/4 gas anchor; 2-1/2 x 1-1/2 x 16' RW&C rod pump; TIH w/52-3/4 & 57-7/8 rods plus 8' pony rod; space out; install pump manifold & put well on pump. RELEASE RIG @ 12:30 PM 10-20-90. Total load 397 bbls/371 bbl to recover.
DC: \$2,215; CUM: \$86,712