

Well Name: Cougar Com 4 #1A  
Location: NE SE of Sec.4, T25N, R2W  
Date Spud:

Operator: McElvain Oil & Gas Properties  
County: Rio Arriba, New Mexico  
API No.:30-039-24079

RECOMPLETION

11/29/00 Have High Desert Roustabout crew, back hoe, and welder on location. Cut off dry hole marker. Mix 6 sx quickcrete and place between 5-1/2" csg and 9-5/8" surf csg. Dress 5-1/2" csg stub and weld on 5-1/2" bell nipple. Made one pass on the inside and three passes on the outside. Screwed on 7' 4" of 5-1/2" 17# N-80 csg. Made up w/12' cheater pipe w/all threads hidden. Welded the btm and top of the csg collar that was screwed onto the bell nipple. Installed 5000 psi screwed by flanged tbghd w/3000 psi gate valves on each side. Poured 18 cu yds redimix concrete into bellhole around 5-1/2" csg to surf. Top of 9-5/8" csg stub is approximately 10' below ground level and under the 18 cu yds of concrete. Location and well is ready for completion rig.

Total Daily Cost: \$50,098 Total Cost to Date: \$50,098

12/04/00 MIRU Key Energy rig #16. Set in pump, pit, pipe racks, and swivel. Unloaded K/C Hotshot 6 3-1/2" DC, collar clamp, bits, and handling tools. Unload Dash 220 jts new 2-3/8" 4.7# J-55 tbg. Place on rack and remove protectors. NU 5000 psi tbghd. NU BOP. Tally tbg. Hook up pump and lines for drlg. Haul in produced wtr for drlg. Ready to start drlg in the a.m.

Total Daily Cost: \$20,747 Total Cost to Date: \$70,845

12/05/00 Drilled hard cmt from 18' to 283'.

Total Daily Cost: \$3,060 Total Cost to Date: \$73,905

12/06/00 Drill cmt from 283' to 315' and fell free. Tally remaining tbg. TIH PU tbg. Tag soft cmt @ 3040' KB w/4-3/4" bit (0.25'), bit sub (1'), 6 3-1/2" DC (176.32'), x-over (2') for total BHA of 179.97' and 88 jts 2-3/8" tbg (2857.7'). Drilled from 3040' to 3304' KB w/reverse circ and w/BHA and 96 jts tbg.

Total Daily Cost: \$3,060 Total Cost to Date: \$76,965

12/07/00 Drill cmt from 3304' to 3825'. Now have BHA and 112 jts tbg in hole all measuring 3818.94'.

Total Daily Cost: \$5,680 Total Cost to Date: \$82,645

12/08/00 Drill cmt w/reverse circ from 3825' to 3949' w/BHA and 116 jts 2-3/8" tbg all measuring 3949.4'. Drain drill tank, clean out cmt, and refill w/clear wtr. TIH picking up 40 jts tbg and tag lower plug w/BHA and 156 jts tbg all measuring 5250.69' @ 5225' KB. Drill cmt from 5225' to 5836' and fell free. TIH picking up 7 jts tbg and tag w/BHA and 181 jts tbg all measuring 6063.86' @ 6050'. Drill soft cmt from 6050' to 6851' w/BHA and 205 jts 2-3/8" tbg all measuring 6845.21'. Circ hole clean and SDFN.

Total Daily Cost: \$3,340 Total Cost to Date: \$85,985

OIL CONS. DIV DIST. 3  
JUN 23 2016