

JACK HERLEY OPERATIONS

History of Wildcat Well

Well: State #1



Field: Wildcat

Location: NW/4, NW/4 Sec 36 T.5N., R.106 W
Moffat County, Colorado

1951

Nov. 5 Prepare to rig up -- King & Sons Drilling Co.
15 Rigging up
21 Heavy snow. No work
22 Rigging up
23 Spudded with cable tools. Drilled 40'

24 Drilled 40' - 75' in soft sand (Navajo)
25 Drilled 75' - 95'
26 Drilled to 93'
27 Drilled to 100'
28 Rigging rotary

30 Drilled rat hole. Cleaning out.
Dec. 2 Drilled to 205'
3 Ran 204.21' 10 3/4" H-40, 26# surface casing. Cemented with 100 sax
Portland Ideal Cement
5 Drilled out to 290'
6 Drilled 290' - 387'

7 Waiting on orders and thawing out equipment
8-10 " " " "
11 Suspended operations

Resumed work May 24, 1952

May 24 Prepare site to rig up.
25 Beg. rigging up - International Drilling Company
30 Rotary. Drilled 423' - 551' with 9" bit (423' bottom is 36' deeper than
shown by King reports)
31 Drilled 9" hole to 732'

June 1 Drilled 9" hole to 854'
2 Drilled 9" hole to 904'
3 " " " 1057'
4 " " " 1190'
5 " " " 1252'. Lost fish in hole consisting of 12" bit sub
and .75' bit.

6 Fishing. No success in 3 runs by McCullough
7 Plugged back to 1237'
8 Cleaned out to 1238'. Drilled hard. Survey
9 Ran Eastman W.S. (No Knuckle joint available) with 6 1/8" Hughes bit, to
1238.85'. Lost string below Kelly. Screwed back on. Apparently drilling
on fish.

10 Plugged back to 1197'
11 Ran Eastman 6 1/8" W.S. #2 to 1206'. Failed to get off.
12 Cleaned out. Ran Eastman W.S. #3 to 1219'. Failed to get off. Ran hole
opener to 1219'. Ran W.S. #4
13 Drilled off to 1225'. Failed to get off. Opened hole to 1225'. Ran
Eastman Knuckle joint with 4 1/2" x 6 1/2" stringer, to 1245'. Successful run.

14 Drilled rat hole open from 1243' to 1245' (4 1/2" to 6 1/2") Opened hole to 9"
to 1245'

- June 15 Drilled 9" hole to 1394'
- 16 Drilled 9" hole to 1427'
- 17 " " " 1573'
- 18 " " " 1628'. Oil showings. Ran Johnston tester. Packer failed. Ran tester #2 with packer at 1569', 58' tail piece, bottom at 1628'. Opened tester 30 minutes. Strong blow 12 minutes, dead at 13 minutes. Shut in 15 minutes. 1395' fluid rise of fresh water and drilling mud. (1335' water 60' mud) Shut in pressure 750#.
- 19 Cored with $7\frac{1}{4}$ Hughes conventional barrel 1628' - 1645'. Drilled 9" hole to 1683'.
- 20 Cored with Christensen Diamond Core barrel 1683' - 1703'. Ran Schlumberger.
- 21 Plugged and abandoned.
- 22 Tearing out and cleaning out.