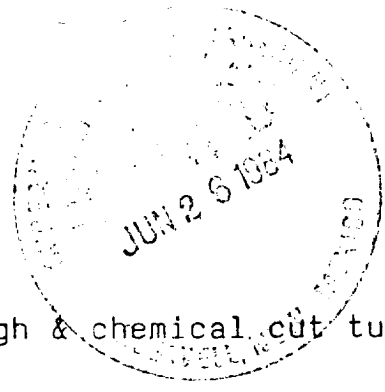


Hayes Federal Well # 2



February 7, 1984

ROU unable to release packer. R.U. McCullough & chemical cut tubing at 4440' and pull out of hole.

February 8, 1984

Install B.O.P. and G.I.H. with 3-7/8" x 2-3/8" overshot, bumper subs, hydraulic jars, 6 - 3-1/8" drill collars & 2-7/8" tubing and catch fish @ 4440'. Pulled 85000# and jarred fish loose T.O.H. and tallied fish 85 jts. 2-3/8" tubing and 1 - 20' stub that had been chemical cut.. (unknown to us) 2553'. TIH with 3-7/8" bit, 4-1/2" casing scraper, bumper sub, hydraulic jars, 6 drill collars and 1 jt. 2-7/8" tubing. Shut down for night.

February 9, 1984

T.I.H. with ballance of tools, tagged bad spot in casing @ 4827 1/2'. Rotated to right and tools continued in hole. Tagged top of fish @ 6993' (220 jts plus 10' of tubing) pumped 50 bbls water down casing (casing & tubing both on vacuum). Pulled 50 stands of tubing out of hole and shut down.

February 10, 1984

T.O.H. with ballance of tubing and tools 4 drill collars were bent and had to be changed out. T.I.H. with 3-7/8" overshot to 5383 (168jts plus 15') couldn't go any further down. (tight casing) T.O.H. and shut down.

February 13, 1984

T.I.H. with 3-5/8" overshot, 6 - 3-1/8" drill collars, jars, bumper sub and tubing to 5383 tight casing wouldn't go in. T.O.H. shut down overshot guide bent in. (collapsed casing)

February 14, 1984

T.I.H. with 3-7/8" bit, string mill 3-7/8", jars, bumper sub, drill collars (6) and tubing went to 5383'. T.O.H. put on 3-1/8" overshot T I hole to 5755' stopped shut down.

February 15, 1984

T.O.H. and found mud in overshot. T.I.H. with 3-7/8" bit got to 5144' lost cone off bit T.O.H. T.I.H. with 3-3/4" hook bill and got to 4964' wouldn't go any further. Shut down.

February 16, 1984

Work tools and went to 5768' TOH Pu 3-1/4" swedge TIH to 5768' swedged down to 5785' shut down.

February 17, 1984

Swedging got to 5846" unable to get deeper TOH and left 4 jts. - 2-3/8" tubing drill collars and swedge in the hole. 6' stub of 2-3/8" tubing body looking up with bent top. Shut down.

February 18, 1984

T.I.H. with 3-7/8" swedge, 6 drill collars jars, B.S. and tubing get to top of fish. P.O.H. shut down.

February 20, 1984

T.I.H. with 3-5/8" overshot with cutrite guide, D C , jars BS and tubing. Milled on fish made 6 to 8' of hole T.O.H. didn't have fish no indication fish ever was in overshot and guide was egg shaped. Shut down.

February 21, 1984

T I H with 3-1/4" swedge and tools got to 6992' and tagged fish. T O H Pu 3-1/2" swedge and T I H to 5470' hung @ 5470' no jar action pulled to liner and shut down.

February 22, 1984

T.I.H. to 5470' swedged hit tight spots @ 5490-95 then went to 6993' T.O.H. left jars, BS and 3-1/2" swedge. T.I.H. to screw into jars. Unable to screw into jars. T.O.H. TIH with new screw in sub. Screwed in and tightened up on jars. Start out of hole (4800'). Shut down.

February 23, 1984

T.O.H. didn't have tools. Fishing for jars, two trips.

February 24, 1984

Two trips fishing for jars. Run 3-1/2" swedge to 6990' T O H.

February 27, 1984

T.I.H. with 3-7/8" swedge to 5412' unable to swedge out T.O.H. Shut down.

February 28, 1984

Layed down 2-3/8" tubing and pcik up 90 jts. 2-7/8" drill pipe (PAC) TIH unable to screw into fish TOH shut down.

ary 29, 1984

with 3-7/8" string mill milled to 5386' shut down.

1, 1984

ed T O H put on 3-7/8" swedge T I H swedge to 5750' shut down.

ch 2, 1984

H drill collars pulgged. T I H with 3-7/8" overshot got 5408' turned on tubing filled tubing with 25 bbls. water. T O H skirt off bottom of overshot in hole. Shut down.

rch 7, 1984

I.H. to 5386' with 2-7/8" screw in sub. Hung @ 5408' start out of pipe came 17 jts and hung. Pulled pipe into 8 jts down. Shut down.

arch 8, 1984

I H with 4-11/16 overshot AND 3-21/32" grapple couldn't catch fish. T.O.H. pick up oversize guide and 3-1/16" grapple T I H couldn't catch fish. Shut down after T.O.H.

March 9, 1984

T.I.H. with 5-5/8" cutrite guid 4-11/16" overshot milled off tubing collar T O H PU 3-1/16" grapple and overshot TIH caught fish. Fish wouldn't come. Shut down.

March 10, 1984

R U Rotary wire Line Co. back off @ 4000' T.O.H. TIH with 3-3/4" jars BS 4-11/16" overshot, 3-1/8" grapple caught fish jarring on fish @ 120000# shut down.

March 11, 1984

Jarred fish loose. TOH hung up i n well head (Casing liner). Shut down.

March 12, 1984

Dig out well head and remove well head. Shut down.