

T. 24 R. 11W
SEC. 11

HAYES #5
SEC. #11

Hayes #5 SWDW:

8/27/80: Rig moved in, rigged up, ran 2½" x 1' seating nipple, Halliburton R#4 packer; 121 jts. 2½" plastic lined tubing (3687.07')* Put 95 bbl. fresh water with 5 gal. Halliburton Inhib. down casing. Let set 20 min. & set packer. Well hooked up & water started down well.

(3682.92')
*Actual tubing run 121jts. + R-4 Packer & 2½" x 1' seating nipple on bottom for total of 4.15'.

Lease Zenith Water Hood Unit Well Hayes #5 W
 Location _____ State KANSAS
 Operator Striker Petroleum Corp Field _____
 Drilling Contractor _____ Contract _____
 Elevation: _____ K. B. _____ D. F. _____ G. L. Zero: _____
 Rotary Commenced _____ Completed _____
 Rotary T. D. _____ Log T. D. _____
 Well Logs _____ Record T. D. _____
 Casing _____

1-3-85 Hook up wellhead thru 4 1/2" pipe - isolate 2-2 1/2"
 and test - defective meter

1-4-85 Will check 2-2 1/2" isolation valve & install
 meter, taking water, seems OK,

WELL RECORD

Lease Zenith Waterflood Unit Well Hayes - 3W
 Location _____ State Kansas
 Operator Striker Petroleum Corp. Field _____
 Drilling Contractor _____ Contract _____
 Elevation: _____ K. B. _____ D. F. _____ G. L. Zero: _____
 Rotary Commenced _____ Completed _____
 Rotary T. D. _____ Log T. D. _____
 Well Logs _____ Record T. D. _____
 Casing _____
Bayse Well Service #6

- 11-13-85 Kansas Fishing Tool deliver drill collar, mill & reamer. 2" tbg. on location, Bayse M.I.R.U.
- 11-14-85 R.I.H. with mill, drill collar, reamer, in this order and 2" tbg. Hall's welding build short 4½" to 5½" adaptor for Circ. head. Mill stopped at 3738', circ. clean. Milling-small metal shavings, some cement cuttings. Mill does not torque up but pressures up with reverse circ.- made approx. 3" in two hrs., S/D overnight.
- 11-15-85 Circ. down tbg and up csg. Mill to 3748', some metal shavings torques occasionally. Pick up 15' & shut down pump each 3' to check for fillup, none. Lay down two joints and shut down til Mon.
- 11-16-85 & 11-17-84 Idle
- 11-18-85 P.O.H. with mill and tbg. R.I.H. with star bit on sandline drill. made htree runs, retrieved only small pieces of cement and one small piece of metal. R.I.H. with 37/8" bit, D/C, reamer and 2" tbg. Drill with circ. down thru tbg. from 3748' to 3779', circ. clean lay down 3 joints and S/D.
- 11-19-85 after filling tbg. to drill it took approx. 15 bbl. to break circ. At that time the fluid chased us at least that amount. An attempt to drill resulted in torque and pipe hanging up, formation in samples. P.O.H. with bit, (looks O.K.) R.I.H. with star bit on sandline drill. ~~Approx. 12' off bottom at 3768', approx. 5' below 6" csg. Four runs with sand line drill resulted in making a 2' gain. large chunks of cement and part of threds off 4½" csg. shoe, S/D overnight.~~

Lease Zenith Waterflood Unit Well Hayes #3 W
Location _____ State Kansas
Operator Striker Petroleum Corp. Field _____
Drilling Contractor _____ Contract _____
Elevation: _____ K. B. _____ D. F. _____ G. L. Zero: _____
Rotary Commenced _____ Completed _____
Rotary T. D. _____ Log T. D. _____
Well Logs _____ Record T. D. _____
Casing _____
Bayse Well Service #6

11-20-85 R.I.H. with same 3 7/8" bit, D/C, tbg., less reamer. attempt to reverse circ. & drill, plug tbg. & torque up. Extra press. caused lost circ. Circ. down tbg., finally cleaned up, 1 st foot - torque up and very slow. ~~Drill 14 to 3793~~ Circ. clean lay down three joints and S/D.

11-21-85 Attempt to drill deeper, torque up and would not drill. Pull up at 1400 hrs. for acid job. Service Acid acidize with 2,000 15% HCL. Pump acid thru 2" work string, displace acid to formation, inject remainder of acid at 1/2 bpm, flush with 120 bbl. lease water at 4 bpm, gauge on acid truck showing 1100 psi. Hook up to injection system with gauge and meter & 1600 hrs.

11-22-85 Taking water, meter defective, shows only 352 bbl. in 15 hrs. P.O.H. with bit and 2" work string laying down. Unit T.D.M.O. return to injection. N/W supply deliver 2" PVC lined 2" tbg.

Drilled to 3793 ft. 11-20-85

Lease Zewith Water Flood Unit

Well Hoyes #5-11

Location _____

State Kansas

Operator Striken Petroleum Corp

Field _____

Drilling Contractor _____

Contract _____

Elevation: _____

K. B. _____

D. F. _____

G. L. _____

Zero: _____

Rotary Commenced _____

Completed _____

Rotary T. D. _____

Log T. D. _____

Well Logs _____

Record T. D. _____

Casing Bayse w/s #6

~~12-11-85 Halls Welding Dept in 4 1/2" reg shoe joint &~~

~~Perforate 13 Per John Summers instructions~~

12-11-85 Bayse w/s M.T.R.U. - some trouble in releasing
Packer, apparently a Halliburton R-4 Packer wd - T's
to the left, all jts. out w/ 2 1/2" Plastic lined Tbg.

~~12-12-85 Run 3704' at 13 1/2" 4 1/2" reg - Ann. Pump Cement
float shoe, cement basket on top of shoe & set
2nd joint, Bayse T.D.M.O.~~

12-13-85 Standoff cemented 4 1/2" reg. w/ 75 ex. in 40' pos. in
Plug down in 1100 hrs.

12-14-85 To 12-26-85 M.O.C.

12-27-85 Bayse w/s M.T.R.U. - Rig, pump, swivel & ETC.

12-28 & 12-29-85 idle.

12-30-85 R.T.H. w/ 3 1/2" bit, sub & 2" work string - found plug
at 3688' - drill plugs, cement & slip to 3700'
Clean cut scale & some cement to 3780' - bit
clean, pickup 5 jts. & slip

12-31-85 Back to bottom w/ bit, one tight spot at approx.
3745', attempt to drive, then plugged. Pickup &
reverse line, broke line, line clean, line thru
Tbg - each jt. back to 3745' clean run down
to 3800', line clean, lay down 2" work string -
T.D.M.O.

1-2-86 Due to Annular w/ 200 gal. H₂O - flush acid
to formation, inject 1st half at 100 gal in 10 min. last
1/2 @ 1 BPH, flush w/ 80 bbl. lease water @ 4 BPH

Continued - Page #2

WELL RECORD

Lease Zevith Waterflood Unit Well Hoyes - 5W

Location _____ State KANSAS

Operator Striker Petroleum Corp. Field _____

Drilling Contractor _____ Contract _____

Elevation: _____ K. B. _____ D. F. _____ G. L. Zero: _____

Rotary Commenced _____ Completed _____

Rotary T. D. _____ Log T. D. _____

Well Logs _____ Record T. D. _____

Casing _____

Also used ADL-1 Type Packer @ 3679'
113 jts, 2" PVC lined Tbg.

1-16-86 Bousard supply deliver 110-jts. of 2" PVC lined Tbg.
Basyc w/ 5 #1 M.T.R.M.

1-17-86 Run used rebuilt ADL-1 Type 4 1/2" X 2" packer
purchased from ASCO + 170-jts. of Bousard PVC
lined 2" Tbg + 3-jts. of Rice Eng. PVC lined 2" Tbg.
dump 40 bbl. of Baker packer fluid down annulus.
set packer w/ 11,000 # overpull @ 3679' - fill annulus
w/ packer fluid - hook up well, on injection @ 1600 hrs.