

DYCO PETROLEUM CORPORATION  
DAILY DRILLING REPORT  
SUMMARY

Stoneham Prospect 1974-01  
Jeffery #1  
60' FSL & 1320' FEL  
Sec. 20-9N-56W  
Field County, Colorado  
Elevation: 4522' GL



7/12/74 FIRST REPORT. MI. Will spud later today. Spudded at 6:00 p.m., drilled 100' of 12 1/4" surface hole. Ran 90' of 8 5/8" set at 97' KB, 85 sks regular plus 3% CaCl. Plug down at 8:00 p.m.

7/13/74 Drilled out at 2:00 a.m., drilling ahead at 1000' at 7:00 a.m.

7/14/74 Drilling ahead at 3300' made trip for Bit #2 at 2815', 2500'-1 1/2", 2815'-3/4".

7/15/74 Drilling ahead at 4700'. Made trip for Bit #3 at 4170', 2 1/4"-4170'.

7/16/74 Drilling ahead at 5550'. Made trip for Bit #4, 5205'-1 3/4", MW 10.0, Vis 46.

7/17/74 Drilling ahead at 5782'. Top of the D Sand 5736', 23' of sand interval looks clay filled and wet, had few sand clusters with a show of gas. Present disposition is to run DST. 8' higher in D Sand than the Tulley-Carter Jeffery #1.

7/18/74 DST #1, D Sand interval 5742'-5811', open 7", SI 30", open 75", SI 60" GTS 5", 2nd opening GTS immed., MTS 40" WTS 63", gas flow rates 15", 603 MCF, 25" 840 MCF, 28" 907 MCF, 43" 1226 MCF, 50" 1379 MCF, stabilized Recovered 40' clean oil, 910' water. Water analysis .8 ohms at 98°, .6 ohms at 86° 74,000 ppm CL, 58 ohm at 96°, 76,000 ppm CL. IHP 3197, FHP 3172, IFP 282-306, 365-824 ISIP 1425, FSIP 1420. DST #2 J Sand interval 5820-5830. Top of J Sand 5821'. Open 15", SI 30", open 30", SI 60", 1st opening when tools open there was a very slight blow 2nd opening very slight blow and blow died. Reset tool, opened up again and died. Samples look hard and tight with oil show.

7/19/74 Pulled DST #2, recovered 10' mud, drilled to TD of 5880', ran IES log. LTD 5882'. Now running porosity log.

7/20/74 5885' LTD, preparing to run 4 1/2" production casing, ran Schlumberger Compensate Neutron, Formation Density log. Ran DST #3 5750'-58' D sand, open 5" GTS in 4" at 166 MCF GPD with 39#-92#, SI 30" 1452', open 90" gas increased from 526 MCF in 10" to 1,509 MCF in 85" with no surging, SI 60", Hydrostatic pressure due to packer failure, recovered 40' water cut mud, IHP 3197, FHP 3171#. TIH to LDDP.

7/21/74 WOC, ran 183 jts (5841.33') of new 4 1/2" 9.5#, 8 RT K-55 to 5838' KB with guide shoe and insert float and scratchers 5740'-70' and 2 centralizers 5800' and 5738'. Circulate hole 30", Howco cemented with 500 gal mud flush 150 sks 50-50 posmix with 10% salt and 3/4% CFR-2 had good circulation throughout job with PD at 1:35 p.m. 7/20/74. 7 jts casing left on location. WOCU.

7/22/74 WOCU.

7/23/74 WOCU.

7/24/74 WOCU.

7/25/74 WOCU. to 8/13/74.

7/14/74 MI & RU Eaton DDU.

7/15/74 Swab casing down to 2640' from surface. RU OWP perforators, perforate at 5753' with 1 four way Frac jet. Ran Baker Model A packer and S.N. on 2" EUE tubing and set packer at 5718'. Swab down to 5200' and well KO flowing. SIFN.

7/16/74 14 hour SITP 1200#, open on 14/64" choke and flowed gas est at 1 million CF and spray of water and condensate, dried up in 2 hours and began freezing off. Released DDU, opened up to 20/64" choke and rec. spray of clear condensate and no water w/FTP 700#. Reduced choke to 12/64" w/FTP of 980# and left flowing through night and it froze off. Drop from report until we get gas company to test.

BEST COPY  
AVAILABLE