

RECEIVED

MAY 11 1973

HILLIN PRODUCTION CO.

P. O. BOX 2880
ODESSA, TEXAS 79780

AREA 915 887-8242

O. C. C.
ARTESIA, OFFICE

R.N. Hillin - Operator
Gas Well Prospect
J.C.W. State #1. Well
1980 FWL - 660 FNL
Section 2 - 20S - 28E
Eddy County, New Mexico

DRILLING REPORT:

02-09-73 Trip to location - check out roads & location & plastic line reserve drilling pits.

02-10-73
Thru
02-12-73 Move Rig & Rig Up.
02-13-73 Spud 17-1/2" hole @ 3:00 p.m. - (02-13-73) - Drill to 342' - Ran 326' - 61# 13-3/8" Casing - cemented w/225 sx. class "C" w/4% gel & 2% cal. chloride - Plug down @ 11:00 P.M. - (02-13-73) - circulated 15 sx. - Halliburton.

02-14-73 Drilling.
02-15-73 Drilling.
02-16-73 Trip to rig - Ran 76 jts. - 24#K - 8-5/8" casing 2953' - set & cemented same w/150 sx. class "C" w/4% gel & 2% cal. chloride @ 2951' - Plug down @ 12:00 p.m. - Check float - O.K.

02-17-73 Set slips on 8-5/8" casing - cut off - nipple up - B.O.P. equipment - Test csg. & B.O.P. to 2000# - 30 min. O.K. - (Temp. Survey - top of cement outside csg. @ 2285')

02-18-73
Thru
03-04-73 Drilling ahead with fresh water - Displaced hole w/brine water @ 9000'.
03-05-73 Trip to rig for D.S.T. #1. - "Canyon" formation 9865 - 9985' - Open tool w/ small blow - Rec. 2800' G.I.D.P. - w/70' - O. & G.C. drilling fluid -
90" - I.S.I.P. - 1231# : 90" flow - 75#
180" - F.S.I.P. - 1503# : Hyd. - 5286# - Temp. 161 degrees.

03-06-73 D.S.T. #2. - "Canyon" formation - 9910 - 10,120' - Tool open w/good blow - 15" pre-flow - T.O. 2 hours w/gas to surface 19" @ 410,000 rate - Recovered 630' - 51 grav. condensate & 30' drilling fluid.
90" I.S.I.P. - 4794# : 120" - flow - 300# to 450#
240" F.S.I.P. - 4825# : Hyd. - 5304# - Temp. 163 degrees.

03-09-73 D.S.T. #3. - 10,360 - 10,470' - T.O. 90" - G.T.S. 21" - T.S.T.M. - Rec. 40' drilling fluid.
90" I.S.I.P. - 3987# : F.P. - 90#
180" F.S.I.P. - 4493# : Hyd. - 5445# - Temp. 169 degrees.

03-12-73 D.S.T. #4. - "Atoka" formation - 10,780 - 10,900' - 15" pre-flow - G.T.S. 15" Packer failure while closing tool for I.S.I.P.

03-13-73 D.S.T. #5 - 10,655 - 10,902' - Packers failed on pre-flow.

03-15-73 D.S.T. #6 - 10,790 - 10,956' - "Atoka" formation - T.O. - 90" - G.T.S. 20" - @ 4.7 MCF - Rec. 675' G.C.M.
I.S.I.P. - 4871# - F.P. - 281#
F.S.I.P. - 4871# - Hyd. - 5582# - Temp. 163 degrees.

03-16-73 D.S.T. #7. - "Morrow" formation - 10,956 - 11,080' T.O. - 60" - G.T.S.2" - @ 7.140 MMCF - Rec. 60' drilling fluid & 30' condensate.
60" I.S.I.P. - 4481# - F.P. - 2457# to 4023#
120" F.S.I.P. - 4481# - Hyd. - 5628# - Temp. 164 degrees.