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Indian Hills Unit # 27  
503' FNL & 2310' FWL  
Sec. 29, T-21-S, R-24-E  
Eddy Co. N.M.  
API # 30-015-31406

Drilled and set 40' 20" conductor pipe, cement to surface.

MIRU Nabors rig # 311, raised derrick @ 3:00 PM CST. Weld on 20" conductor, pick-up BHA w/ 17-1/2" bit, tagged @ 40'. Spud @ 6:00 AM CST 11/13/00. Drill f/ 60' to 348' making water to reserve pit. Drill formation w/ air f/ 348' to 1414' TD. Finish surface hole @ 6:30 PM. 11/16/00. POH w/ bit and reamers. R.U. csg. crew, ran 33- jts. 13-3/8" K-55 54# csg. @ 1414'. R.U. HES cement csg. w/ 100 sks Premium cmt. w/ additives, 100 sks. Thixset cmt., 500 sks. Howco Lite and 300 sks. Premium Plus cmt. w/ additives. Plug dn. @ 8:00 AM. No returns during cmt. job. Circ. Zero sacks. WOC 10-hrs.

Ran temp. survey cmt @ 1000' F.S. TIH w/ 1" pipe dn, annulus, tag @ 779'. R.U. HES pump and displace 100 sks. class "C" dn annulus, dump 3-yards pea gravel dn backside while cementing. Pump 100 sks, class "C" w/ 3 yards pea gravel, pump 100 sks. class "C" w/ 3 yards pea gravel, pump 200 more sacks class "C" w/ 6 yards pea gravel. WOC 10 hrs. Pump 500 sks. class "C" w/ total of 13 yards pea gravel. Circ. 10 sack to cellar. TIH w/ 12-1/4" bit tag cement @ 1354'. Washed and drilled cement to float collar.

On formation @ 7:30 AM. Drilled formation f/ 1414' to 1830' Kick-off point. Pick up motor, rotate and slide f/ 1830' to 7588', wash and ream 535' to btm. F/ 7053' to 7588'. Drill f/ 7588' to 7741' w/ full returns. Lost all returns @ 7741'. Drilled to 8280' w/ no returns. Drilled f/ 8280' to 8525'. R.U. Slumberger ran platform express from 8455' to 1414'. R.U. casing crew ran float shoe, 1-shoe jt, float collar, ECP & D.V. tool on 9-5/8" csg. 43.50# & 40# L-80, LT&C Buttress csg. Ran to 8490'. R.U. HES, Cement W/ 450 sks. class "H" w/ 116,000 scf N2. Set ECP @ 3100# dropped bomb and open D.V. tool.

Cement second stage w/ 1300 sks. interfill "C" w/ additives, 200 sks. of Premium Plus. Circ. 68 sks. to pit.

Drill out D.V. tool @ 7405', test csg. to 1000#. Drill out 26' cmt. to casing float. N.D. BOP, **Released @ 1200 hrs.**