

Indian Hills Unit No. #36

Report Date	TMD	24 Hour Summary	Last BOP Test Date	BOP Tests						
				Annular Test (psi)	RAM Test (psi)	Choke Line Test (psi)	Choke Manifold Test (psi)	Kelly Hose Test (psi)	Shand Pipe Manifold Test (psi)	Diverter Test (psi)
2/7/2002	8,350	Waited on loggers. Ran calliper log w/ magnetic log. RIH w/ bit. Slow drill first 20'.	2/1/2002	0	0	0	0	0	0	0
2/8/2002	8,520	Drilled w/ 6 1/8" f/ 8350' v 8483' bit. Tried v run survey's no good. POOH v cross-over. Found junk. Ran back v btm. Cir btm up. Ran WLS. Drilling f/ 8483' v 8520'.	2/1/2002	0	0	0	0	0	0	0
2/9/2002	8,589	Drill f/ 8520' v 8581'. Took survey. POOH & picked up motor. TIH w/ motor. Didn't get pulse. Blew nail on pump. Partially plugged. POOH. Changed out MWD. TIH.	2/1/2002	0	0	0	0	0	0	0
2/10/2002	8,656	TIH. Tried v drill. Lost pump pressure. POOH looking f/ crack in drill string. Motor seals were weak. TIH w/ new motor & replaced jars. Picked up 12 jts HWDP & finish TIH. Drill f/ 8593' v 8656'.	2/1/2002	0	0	0	0	0	0	0
2/11/2002	8,951	Drilled f/ 8656' v 8769'. POOH f/ MWD not working. RIH w/ new MWD & bit. Tagged up @ 8393'. (bridge) L/D 9 jts. Washed v btm. Drilled f/ 8769' v 8951'.	2/1/2002	0	0	0	0	0	0	0
2/12/2002	9,107	Drill w/ 6 1/8" bit f/ 8951' v 9107'. Motor stalled & blew nail on pump. Cir. & condition hole. Spotted pill on btm. POOH w/ 12 stands. Picked up Kelly & cir. gas out. POOH.	2/1/2002	0	0	0	0	0	0	0
2/13/2002	9,395	Finish POOH w/ bit. RIH w/ new bit & replaced motor. TIH. Drill f/ 9107' v 9395'.	2/1/2002	0	0	0	0	0	0	0
2/14/2002	9,754	Drill f/ 9395' v 9745' w/ 6 1/8" bit.	2/1/2002	0	0	0	0	0	0	0
2/15/2002	9,903	Drill f/ 9754' v 9903'. T.D.. Cir & condition hole. Short trip bit into csg. Cir & spot pill. POOH strapping out. L/D motor, monel, & bit. R/U loggers & run log. Tagged TD @ 9903'.	2/1/2002	0	0	0	0	0	0	0

TIH w/ 6-1/8" bit & 4-3/4" D.C. Wash to btm. NO Fill. Circulate and condition hole. Spot 60 bbl pill on btm. @ 9901' to 8200'. R.U. casing crew, run 35 jts. 4-1/2" 11.60# csg. P.U. Baker mech. Casing hanger. Landed shoe @ 9902' Set liner hanger top @ 8224'.

2/16/2002 9,901

Circulate and condition hole. Cement w/ 200 sks. of "H", w/ additives, 13 ppg. 1.68 yield, dropped plug pump 20 bbls. Fresh water 81-bbls mud, bumped plug v 1500# Floats held. Made final cut on 7" N.U. head, tested to 2500# installed 11" blind flange, jet pits. Rig down @ 0600 hrs. 2/17/02.

2/17/2002 9,904