

180' sli 0 & gcm / 60' free oil, gravity 41.7.
 FP 90-320# 60 Min. SIP 2780#

Diamond Core #17 (7930-7960). Cut 30', rec 30', being 1' sh: blk, NS;
 12' li: brn, Fx, V dense, sli shaley w/2" sh strk w/16° dip @ 7934' w/1"
 calc filled frac w/well developed xls @ 7936½', multiple small tight vert frac,
 NS; 1' li: brn, VF xlyn, shaley w/small tight filled vert frac, w/V lt oil
 bleeding in some fracs, V dense, good stain in fracs, good fluor in fracs,
 cut not tested, lt odor; 7½' li: brn, VF xlyn, shaley, w/4" shale strk w/
 18° dip @ 7948' w/occ shale lam from 7948-50'. Entire zone has closed multiple
 vert frac, NS. ½' li: AA, w/sctd oil bleeding from vert frac, V dense poro,
 good stain & fluor in fracs, lt odor; 7½' li: brn, VF xlyn, V shaley w/fair
 40° dip in the lime from 7952-56 and occ multiple closed vert fracs, V dense
 poro, NS; ½' sh: Blk, NS.

NOTE: Entire core had multiple vert frac (minute to 1") filled w/calc.

DIP: Fair 16° dip @ 7934'.
 Fair 18° dip @ 7948'.
 Fair 40° dip @ 7952-56'.

Diamond Core #18 (7960-7991). Cut 31', rec 31', being 14' li: dk brn, dense,
 FX, argill w/sctd cc filled vert frac, V dense, trace stain & fluor in fracs,
 good cut in fracs, good odor in fracs; 15' li: brn, VF granular to sucrosic
 matrix w/vert fsssl-w/sctd cc filled fracs, cc fracs have sctd vugs, good fossil
 poro, excellent stain in suc, good sptd fluor, lt cut, good odor; 2' li: dk to
 brn, den, shly fossiliferous w/den FKXLM matrix between fsssl fragments also
 w/blk sh flowage zones, NS.

NOTE: Possible 36° dip.

DST #6 (7933-7992). Open 5 hours. Very strong blow throughout test. Gas to
 surface in 10½ minutes.

GAS RATES OF FLOW	
Minutes After Tool Open	MOF/DAY
17	64
92 (1 hr. 32 min.)	37
107 (1 hr. 47 min.)	30
120 (2 hrs.)	30.9
170 (2 hrs. 50 min.)	26.8
240 (4 hrs.)	26.8
300 (5 hrs.)	26.8
Through 1" Surface Choke.	

Recovery 632'. Total fluid being: 184' clean oil, unloaded slightly after
 broke off first stand of oil, gravity 41.1° API @ 60° F., 30' heavily oil &
 gas cut mud, 418' very slightly oil & heavily gas cut mud.
 FP 160-180# 3 Hr. SIP 1850#

Diamond Core #19 (7992-8042). Cut 50', rec 50', being 4' li: dk brn, Fx, V
 den & shaley, NS; 10' li: AA, only sdy, NS; 13' li: dk brn, Fx, V dense &
 shaley, NS; 23' li & sh: mostly dk brn, VF-xlyn li w/num strks of & 6" fossil
 med-xlyn Ls @ 8038', NS.

NOTE: Poor to fair 12 to 19° dip sctd throughout core.

Dip from 8019-42 was fair to good in shale partings.

Diamond Core #20 (8042-8092). Cut 50', rec 50', being 9' sh: brn to blk, very
 calc, NS; 5' sh: gry to blk, silty, sli calc, lt sctd odor, NS; 20' sh: blk,
 sli calc & micaceous, lt sctd odor, NS; 4' sh: gry to brn, V silty, sli calc,
 lt sctd odor, NS; 6' sh: blk micaceous, NS; 6' sh: gry to brn, V silty, sli
 calc, NS.

DIP: Good 8° dip @ 8077'.