

SEMU #121 (SLB 10/23/98)

Stimulations & Treatments (con't)

Date	Type	Zone	Int	Fluid	Comments
15-Oct-85	Acid Fracture	Lower & Middle Drinkard	6750.0 - 6884.0	20% X-Linked Acid	Acid frac lower & middle Drinkard w/167 bbls X-Linked 20% HCL acid & 72 bbls CO2. Flushed w/34 bbls completion fluid w/15 bbls CO2. ATP=4,000# @ 14 bpm, ISIP=2,300#
18-Oct-85	Acid Squeeze	Upper Drinkard	6638.0 - 6725.0	15% HCL-NEFE	Pmpd 54 bbls 15% HCL-NEFE acid dropping 32 BS, Good BA. ATP=3,800# @ 6.5 bpm, ISIP=1,900#
19-Oct-85	Acid Fracture	Upper Drinkard	6638.0 - 6725.0	20% X-Linked Acid	Acid frac w/156 bbls X-Linked 20% HCL acid & 64 bbls CO2, flush w/30 bbls completion fluid & 11 bbls CO2. ATP=3,533# @ 14.1 bpm, ISIP=1,100#
12-Nov-85	Acid Squeeze	Abo	6988.0 - 7620.0	15% HCL-NEFE	Spot 24 bbls 15% HCL-NEFE
14-Nov-85	Acid Squeeze	Middle Abo	7204.0 - 7311.0	15% HCL-NEFE	Acidz w/75 bbls acid w/52 BS. ATP=2,720# @ 5.2 bpm, ISIP=1,600#
14-Nov-85	Acid Squeeze	Lower Abo	7344.0 - 7620.0	15% HCL-NEFE	Spotted 54 bbls 15% NEFE HCL dropping 36 BS. ATP=3,700# @ 4.8 bpm, ISIP=1,800#
15-Nov-85	Acid Squeeze	Upper Abo	6988.0 - 7193.0	15% HCL-NEFE	Acidz w/36 bbls 15% HCL-NEFE w/26 BS. ATP=3,000# @ 5 bpm, ISIP=3,700#
21-Jul-86	Acid Squeeze	Drinkard	6638.0 - 6886.0	N2 & Methanol	Treat w/10,000 scf of N2. Pmp 34 bbl 2% KCL-Methanol solution w/1,000 scf N2/bbl, drop 25 BS, pmp 34 bbl Methanol solution w/1,000 scf N2/bbl & flush w/31,000 scf N2. ATP=1,200# @ 2.0 bpm, ISIP=1,170#. [NOTE: TP=800# on 15/64 choke. Flowing ± 975 mcf/day. Making ± 2 BWPH]
20-Oct-94	Cement Squeeze	Production Casing	2832.0 - 3200.0	Cement	Isolate csg leaks from 3028 to 3118, pmpd 100 sx cmt sqz @ 2,200#. Press up to 2,350#, held for 5 min. Press up on csg to 1,700#. Press tested csg to 500#, cut 30 min chart no leak off.
27-Oct-94	Acid Squeeze	Drinkard	6638.0 - 6884.0	15% HCL-NEFE	Spot Xylene, pmp 2,000 Gals 15% HCL w/2 Gal Cl-23, 2 Gal NE-13, 10 Gal FE-270, 2 Gal FE-271, w/75 ea 1.3 - 7/8" BS & 110 Gal H9867-3 @ 3.5 bpm.

Completions & Workovers

Date	Reason for Workover	Reason for Failure	Summary
02-Nov-94	Casing Leak	Cement Squeeze	Casing Leak - POOH w/tbg to rods. NOTE: Small amt of calcium carbonate scale on external of tbg. Hit tight spot @ 2996, pulled 50 pts over would not budge. RIH w/bit tagged tight spot @ 3048, drilled through tight spot from 3048 to 3049, returns of scale. Isolate casing leaks from 3028 to 3118. Spotted Class C neat cmt to pkr, pmpd 100 sx cmt. Sqz @ 2,200#. Press up to 2,350# held for 5 min. then developed hole in tbg, bled well down. Press up on csg to 1,700#, held. Drill out cmt, tested to 500# held. Cut 30 min chart. RIH w/ bit & scraper, clean up spot @ 3048. Acidz, swab back fluid. RIH w/prod equipment, RTP
26-Sep-95	Temporarily Abandon	Shut-In	Temporarily Abandon - Unseat pmp, hot watered rods w/75 bbls. RIH w/bit & scraper to 6,650'. RIH w/CIBP, plug set prematurely @ 300'. Knocked CIBP out w/drill bailer. RIH w/CIBP set plug @ 6,600'. Circ pkr fluid.

Formation/Horizon Tops

Top (ftKB)	Frm. Code
5298.0	453GLRT
5836.0	452BLBR
6353.0	452TOBB
6646.0	452DRKD
6938.0	452ABO
7588.0	451WFMP

Cores

Int	Rcv'd (ft)	Fluid	Comments
6653.0 - 6715.0	0.0	Lithology:	
6868.0 - 6927.0	0.0	Lithology:	
7170.0 - 7230.0	0.0	Lithology:	
7275.0 - 7385.0	0.0	Lithology:	
7385.0 - 7416.0	0.0	Lithology:	
7530.0 - 7590.0	0.0	Lithology:	

Logs Run

Date	Type	Int	Company	Comments
08-Jun-85	GR	6300.0 - 7162.0		
	MUD LOG	3400.0 - 7920.0	American Mud Logging	
26-Jul-85	DUAL LATEROLOG	4109.0 - 7851.0	Dresser	
26-Jul-85	DEN/NEU, GR	4109.0 - 7851.0	Dresser	
26-Jul-85	PROLOG	5750.0 - 7830.0	Dresser	