

7/4/80	350	WOC - Spud 12-1/4" hole @ 3:00 pm 7/3/80. Ran 8 jts 8-5/8", 24# J-55, ST&C R-csg (323.96'). Set @ 339' RKB. Ran Texas pattern shoe with 3 cntrlzrs, one in middle of 1st jt and then every other collar with fiber baffle on top of first joint. Woodco cmt'd csg w/200 sx Cl "B" w/2% CaCl + 1/4#/sx flocele. Plug down 5:00 am 7/4/80. Circ 5 bbls cmt to surf with gd returns throughout job. 1° @ 350'. 100 RPM, all wt. B#1, 12-1/4", Sec., S-3 (RR), made 350' in 11-1/2 hrs.
7/5/80	1499	Drlg. Tstd BOP's to 1000 psi - ok. 1° @ 720, 1° @ 1187'. 70 RPM, 45,000#. Drl w/Benex & wtr. B#2, 7-7/8", Sec, S-3, made 370' in 2 hrs. (B#3).
7/6/80	2940	Drlg. 1° @ 2737'. 70 RPM, 40,000#. Drlg w/Benex & wtr. (B#3).
7/7/80	3381	Trip f/bit #4. Well kicking slightly on trip. 1/2° @ 3381'. 70 RPM, 40M#. Drl w/wtr & Benex. B#3, 7-7/8", Sm., F-2, made 2660' in 49-1/2 hrs.
7/8/80	4140	Drlg w/Benex & wtr. 70 RPM, 40M#. (B#4).
7/9/80	4940	Drlg. 3/4° @ 4060', 3/4° @ 4756'. 70 RPM, 40M#. Drlg w/Benex & wtr. (B#4).
7/10/80	5420	Drlg. Mud up @ 5070'. Instl'd rotating head. 1° @ 5258'. 70 RPM, 40M#. MW 9.1 Vis 40, WL 9.8. Ph 8.5 (B#4).
7/11/80	5751	Drlg. 1° @ 5726'. MW 9.2, vis 38, WL 10.8, Ph 8.5. B#4, 7-7/8", Sm., F-3, made 2346' in 79-1/2 hrs. 70 RPM, 40M#.
7/12/80	6075	Drlg. Lost 250 bbls @ 5765'. 1° @ 5726'. 70 RPM, 40M#. Mud: 9.3#, vis 40, WL 10.2, solids 7.25, gels 3/2, Pv 8, Yld 2, Ph 8.5, sd tr, FC 2/32, Cl 400, Ca 40. (B#5).
7/13/80	6371	Circ f/log 25' f/TD. Lost circ 6342' approx 250 bbls. Top Dakota @ 6296'. Drl'd to 6371'. Bit locked. Actual TD to be 6396'. 1° @ 5726'. 70 RPM, 40M#. Mud 9.2#, vis 50, WL 8.2, Gels 3/8, Pv 6, Yld 2, Ph 8.5, Sd tr, FC 2/32, Cl 350, Ca 40. (B#5).
7/14/80	6441	Drlg. Schl ran DIL, FCD & CNL-GR @ 6371'. WIH to drl 100'. 1° @ 6371'. 70 RPM, 40M#. Mud: 9.2#, vis 50, WL 10.2, solids 5.75%, gels 6/16, Pv 18, Yld 1.0, Ph 8.5, sd tr, FC 2/32, Cl 400, Ca 40. B#5, 7-7/8", J-33, made 644' in 37-1/2 hrs. (B#6).
7/15/80	6471	TD -- RD to move to Schlosser WN Fed. #6E. TD @ 8:30 am 7/14/80 (6471'). Ran 156 jts 4-1/2" 10.50# J-55 ST&C csg (6510.85'); set @ 6471'KB, FC @ 6447', DV tool @ 2058'. Ran Hallib shoe, flt & DV tool, 7 cntrlzrs w/1 middle of 1st jt & every clr (total of 5) & 1 on ea side of DV tool. Ran 10 scratchers across Dakota & 2 cmt bskts below DV tool. Pmpd 10 bbls mud flush & cmt'd 1st stage w/315 sx 65/35 Poz w/14% gel & 12-1/2# gilsonite/sx; foll w/290 sx 50/5 Poz, 2% gel, 3/4% CFR-2. Lost circ approx 15 bbls f/plug dn. PD 9:45 pm 7/14/80. Opnd DV tool & circ'd OK. Preceded 2nd stage w/10 bbls mud flush. Cmt'd 2nd stage w/380 sx 65/35 Poz, 14% gel, 12-1/2# gilsonite/sx. PD 2:00 am 7/15/80. Gd circ thruout. Did not circ cmt. PU BOP, set slips & cut off csg. RR 4:00 am 7/15/80. 70 RPM, 40M#. Mud: 9.2#, vis 45, WL 10.4, solids 5.75%, gels 6/16, Pv 18, Yld 10, Ph 8.5, sd tr, FC 2/32, Cl 400, Ca 40. B#6, 7-7/8", Reed, HP5, made 100' in 7 hrs.
7/16/80	6471	TD -- WO completion. Fin MORT.
7/17-21/80	6471	TD -- WO completion.
7/22-23/80	6471	TD -- MI CU.
7/24/80	6471	TD -- CO @ 6385-6447' & log. MI & RU. TIH w/ 3-7/8" bit & csg scraper. Tag DV tool @ 2058'. Drl up DV tool. TIH. Tag fill @ 6385'. SDON.
7/25/80	6447	PB - Prep to press tst csg. CO to PBTD @ 6447'. Circ hole w/2% KCl wtr. POH. Ran CNL & CBL w/Gamma Correl w/var dens; 95-100% bond f/TD-5540'; 46% bond f/5540-4700'; 80-100% bond f/4700-4500'; 80-95% bond f/4500' to top of cmt @ 4186'; fair to poor cmt f/2100-900'. TIH OE to 6400'.
7/26/80	6447	PB - POH to frac. Set tbgs @ 6385'. Spt 100 gals 15% HCl & POH. Perf 6256' 58', 60', 64', 80', 82', 6338', 40', 42', 44', 46', 48', 50', 52', 54', 56', 58', 62', 66', 70 74' (21 holes). Brk fm @ 1900#. Est 1 hr 4 BPM @ 2200#. Trtd w/1200 gals 15% HCl & 42 ball sealers @ 5 BPM w/2400#. Balled out @ 4000#. Held 10 min Bled dn. Displ'd acid in tbgs 4 BPM @ 1800#. ISIP 300#. SI 1 hr. Swbd tbgs dry w/a show of gas.