

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator SOHIO PETROLEUM COMPANY		8. Farm or Lease Name Hinton
3. Address of Operator Box 3000, Midland, TX 79702		9. Well No. 14
4. Location of Well UNIT LETTER J, 2169 FEET FROM THE S LINE AND 2169 FEET FROM THE E LINE, SECTION 12 TOWNSHIP 22S RANGE 37E NMPM.		10. Field and Pool, or Wildcat Drinkard + Wantz Granite Wash
15. Elevation (Show whether DF, RT, GR, etc.) 3339 G.L.		12. County Lea

16.

### Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

#### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>

PLUG AND ABANDON ☒

CHANGE PLANS ☐

OTHER ☐

#### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING TEST AND CEMENT JOB ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This was a dual Drinkard-Granite Wash well producing a total of 16 BO, 122 MCF and 2 BWPD, flowing through parallel strings of tubing, and commingled at the surface. Work was in progress to repair a tubing leak and squeeze cement the 8-5/8 x 5 1/2 annulus from the base of the 8-5/8 to the surface. The squeeze was successful on the second attempt. However, the 5 1/2 production string collapsed at 3400' during the first squeeze attempt, dumping the original drilling mud into the 5 1/2" casing. The clean out bit went outside the 5 1/2 when repair was attempted. A caliper log and CCL log indicate the bit followed the 5 1/2 x 7-7/8 annulus to 3603, the present sidetrack T.D. Five days and \$18,000 was spent trying to get back in the casing. (See attached daily report). With your approval, we will place 75 sacks of Class C cement in and above the side tracked hole through a cement retainer, place a 11 sx plug 1187' to 1287', place a 11 sx plug from the surface to 100', and cut off the casing and weld a steel plate w/marker in place. No casing will be pulled. A replacement well is contemplated.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED C. H. Allen TITLE District Superintendent DATE 11/1/82

ORIGINAL SIGNED BY

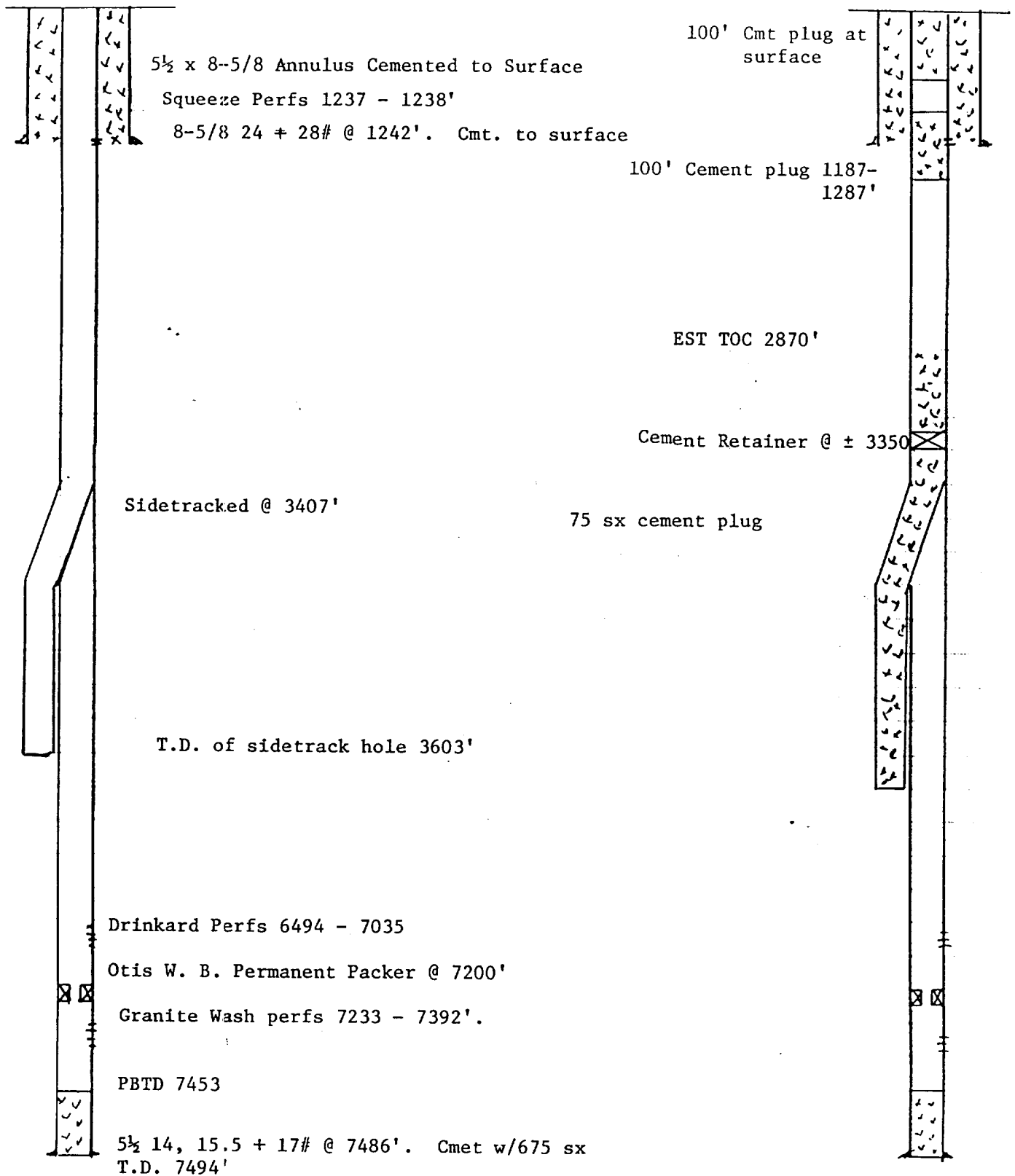
APPROVED BY JERRY SEXTON TITLE DISTRICT AN SUPR. DATE NOV 5 1982

CONDITIONS OF APPROVAL

RECEIVED

NOV 4 1982

C.I.D.  
HOBBS OFFICE



Present Condition

Proposed Condition

NEW MEXICO  
Lea County  
Drinkard-Wantz  
Granite Wash  
AFE 33-2052

Hinton "14"  
Well #14

FIRST REPORT  
Repair Tubing Leak & Acidize Drinkard,  
Granite Wash  
Location: NW/4 SE/4 Sec. 12, T22S, R37E  
Sohio: 33.3333%  
Donaldson Brown Tr U/D: 31.6666%  
Donaldson Brown Tr U/D Ac 2: 1.6667%  
Patricia Penrose Schieffer: 16.6667%  
J. M. Zachery: 16.6667%

- 10-06-82 - MIRU. Installed belly board on rig for slim tbg. Killed well, Drinkard & Granite Wash w/150 bbls 2% KCl wtr. Broke down wellhead. Installed BOP. POH w/short string 210 jts 1½" Hydril tbg. Had to lay tbg down, too short to reach stabbing board. RU for 2-1/16 IJ tbg. Unlatched on/off tool. POH w/189 jts 2-1/16 to 2-3/8 tbg. Shut well in & SDFN.
- 10-07-82 - FOH w/2-3/8 tbg & seal assy. Ran back w/RTTS & RBP on 2-3/8 workstring. Set BP @ 6400', RTTS @ 6385'. Loaded hole w/20 bbls 2% KCl wtr. Tested to 2000 psi. Loaded annulus w/90 bbls 2% KCl wtr. Press to 700 psi, held 10 min, no csg leak. Pulled BP & RTTS. Set BP @ 1511'. Tested to 2000 psi could not get BP to hold. POH & SDFN.
- 10-08-82 - RU & ran redressed B. P. & R.T.T.S. Set B.P. @ 1511', tstd to 2000# OK. COH w/ tbg. & RTTS. Poured 2 sks 200# Sand down on B.P. (14' fill). RU CRC Wireline to perf 1237'-1238' w/ 4" 4-way jet gun. Checked csg cplgs @ 1136', 1176', 1217', & 1260'. Perforated. COH w/ gun, all shots fired. RD, CRC closed BOP. Circ thru perms w/ 80 bbls prod. wtr. @ 8 BPM @ 400# to clean up 5½" & 8-5/8" annulus. RU & ran 5½" Halliburton EZ drill cmt ret on 37 jts tbg, set @ 465'. Press annulus to 500#. Cmt w/ 400 sx Class C w/ 2% Cal. Chloride Mix & Pmpd cmt @ 4 BPM w/ 50 bbls pmpd 212 sx, had cmt circ to surf w/ 55 bbls pmpd 240 sx, Lost circ. Annulus on vac after shut down. Pmpd rest of 400 sx 160 sx, no returns but weak blow out annulus. W/ pump shut down csg back on vac. Rvsd 12 sx cmt from tbg. POH w/ tbg & tools. Max rate 4 BPM @ 800-1000 psi. SDFWE. Cmt down @ 1:30 p.m., Temp Survey at 9:30 p.m., TOC 400' from surf.
- 10-09-82 - WOC
- 10-10-82 - SDFS
- 10-11-82 - RU & GIH w/ 4-3/4" Bit, bit sub, 8 - 3½" DC's on 2-3/8" EUE 8 Rd Tbg. Tagged Cmt Ret @ 1165'. Drld cmt ret, fell thru to 1225', Drld 3' & fell thru no cmt to 1280'. Tested perms, no squeeze, could pump thru perms @ 1237' and out 5½"x8-5/8" annulus @ 3 BPM. No press. or down 5½" x 8-5/8" annulus, out 5½" csg to surf, @ 3 BPM no PSI. Shut well in. Press well, 5½" csg and 5½"x8-5/8" annulus, to 500#, 1 min. 410#, 2 mins. 350#, 5 mins. 225#, 7 mins. 100#, bled off. COH w/ drill string & Bit. SWI. SDFN.
- 10-12-82 - RU & ran 5½" EZ drill cmt ret on 37 jts. 2-3/8" tbg, set @ 1169'. Loaded hole, 5½" csg., 5½"x8-5/8" annulus, w/ 11 bbls, fluid level @ 200' from surface. Pmpd thru perms & circ out 5½"x8-5/8" annulus to surface. Pmpd 15 Bbls fresh wtr pad then cmt w/ 225 sx Class C cmt w/ 2% CaCl, mixed & pmpd cmt @ 2½ BPM @ 500# w/ 49 bbls, 196 sx cmt, had cmt circulation to surface w/ 52 bbls. cmt out 208 sx. SD. Pmpd & staged @ 7 to 10 min intervals. Staged for 1 hr @ start, taking 1/4 to 1/2 bbls to fill each pump time @ end of stage period. 5½" x 8-5/8" annulus stdg full. Pulled out of ret., revsd out 2 bbls, 8 sx cmt. RD Halliburton, COH w/ tbg & tools. SWI. WOC.
- 10-13-82 - RU & ran 4-3/4" Bit, bit sub and 2-3/8" EUE 8 Rd Tbg to cmt ret @ 1169'. Drld cmt ret, & had good cmt to 1242', then cmt stringers to 1248'. Circ hole clean. Press tstd to 700#, 2 mins 600#, 4 mins 550#, 7 mins 500#, 10 mins 450#. Ran tbg to sand on top of B. P. @ 1511'. Top Sand @ 1497'. Drld on remains of first cmt ret that went down hole. DP plugging. Picked up 1 std & SWI. SDFN.
- 10-14-82 - Drld on cmt ret, drld to top of ret head on B. P. COH w/ drill string, RU & ran lead impression blk on tbg. Got impression of top of ret head on F. P. RU & ran Halliburton ret tool on tbg head to circ to get hold of BP. COH w/ tbg & BP. RU & ran 4½" impression blk on 2 jts of tbg on sand line. Went to approx. 3300' & stopped COH, no marks on blk. Ran 2 jts of tbg on sandline, stopped @ same place, worked tbg. COH, had cmt on tbg indicating cmt inside 5½" csg. RU & ran 4-3/4" bit, bit sub, 8 - 3½" D. C.'s, on 2-3/8" tbg, strapped in hole, stopped @ 3385'. SWI. SDFN.

- 10-15-82 - Drld cmt 3385-97', lost circ, rec w/80 bbls. Drld 3397-3400' in tite spot in csg, drld thru tite spot w/bit, bit would go thru one time & hang up the next. Ran 15' below tite spot no cmt. POH w/drlg string & bit. Teeth on heel of cones tapered off indicating collapsed csg. RU & ran 4-3/4" csg swage, hydr1 jars, bumper sub, 8-3 1/2" DC's on tbq to tite spot. Swaged out till free. POH w/tbg & tools. WIH w/new 4-3/4" bit, 12-3 1/2" DC's on 2-3/8 tbq. Tagged up @ 3478'. Shut well in & SDFN.
- 10-16-82 - Tagged @ 3470', 8' higher than before. Drld to 3473', fell thru 9' to 3484'. Drld cmt, getting pcs redbeds, scale, rust, etc, to 3503', appears to be tite spot in csg. Drld out & worked thru. Drld cmt, redbeds, pcs of crystal, scale & rust. Made 129' hole. Shut well in & SDFN.
- 10-17-82 - SDFS
- 10-18-82 - Hole stdg full this am, 5' fill @ 3594'. Drld & circ down to 3599' then drld 4' in 4 hrs @ 3603', not making any hole. POH w/drill string, had 7-30' DC's polished indicates being out of pipe @ approx 3390' at point where pipe was swaged out prev 3397-3400'. Shut well in & SDFN.
- 10-19-82 - RU Dia-Log & ran minimum ID logging tool. Tool shorted out, getting wet. Tried to repair. Ran several times, wouldn't work, no other tool available. Shut well in & SDFN. Flying in new tool.
- 10-20-82 - RU & ran minimum ID caliper log 3200-3600'. Ran collar loc log 3200-3600'. Ran DC's in hole. POH, laid down. Ran rental tbq in hole. POH laying down. Shut well in & SDFN.
- 10-21-82 - Laid down 2-1/16 & 2-3/8 tbq prep to P&A