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NEW MEXICO OIL CONSERVATION COMMISSION

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

*Amended*

|  |
|--|
| 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<br>SOHIO PETROLEUM COMPANY  | 8. Farm or Lease Name<br>Hinton                                 |
| 3. Address of Operator<br>Box 3000, Midland, TX 79702   | 9. Well No.<br>14   |
| 4. Location of Well<br>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<br>Drinkard + Wantz Granite Wash |
| 11. Elevation (Show whether DF, RT, GR, etc.)<br>3339' G. L.  | 12. County  |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|  |  |   |   |
|--|--|---|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>              | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>                | COMMENCE DRILLING OPNS. <input type="checkbox"/>    | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>                       | CASING TEST AND CEMENT JOB <input type="checkbox"/> |   |

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 put 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 sack plug 1187' to 1287', place a 11-sack 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.

ADDED PLUGS

100' plug @ 2400'-BX  
25 sx or 100' at 8 5/8" casing shoe

THE COMMISSION MUST BE NOTIFIED 24 HOURS BEFORE THE BEGINNING OF DRILLING OPERATIONS FOR THE C-103 TO BE APPROVED.

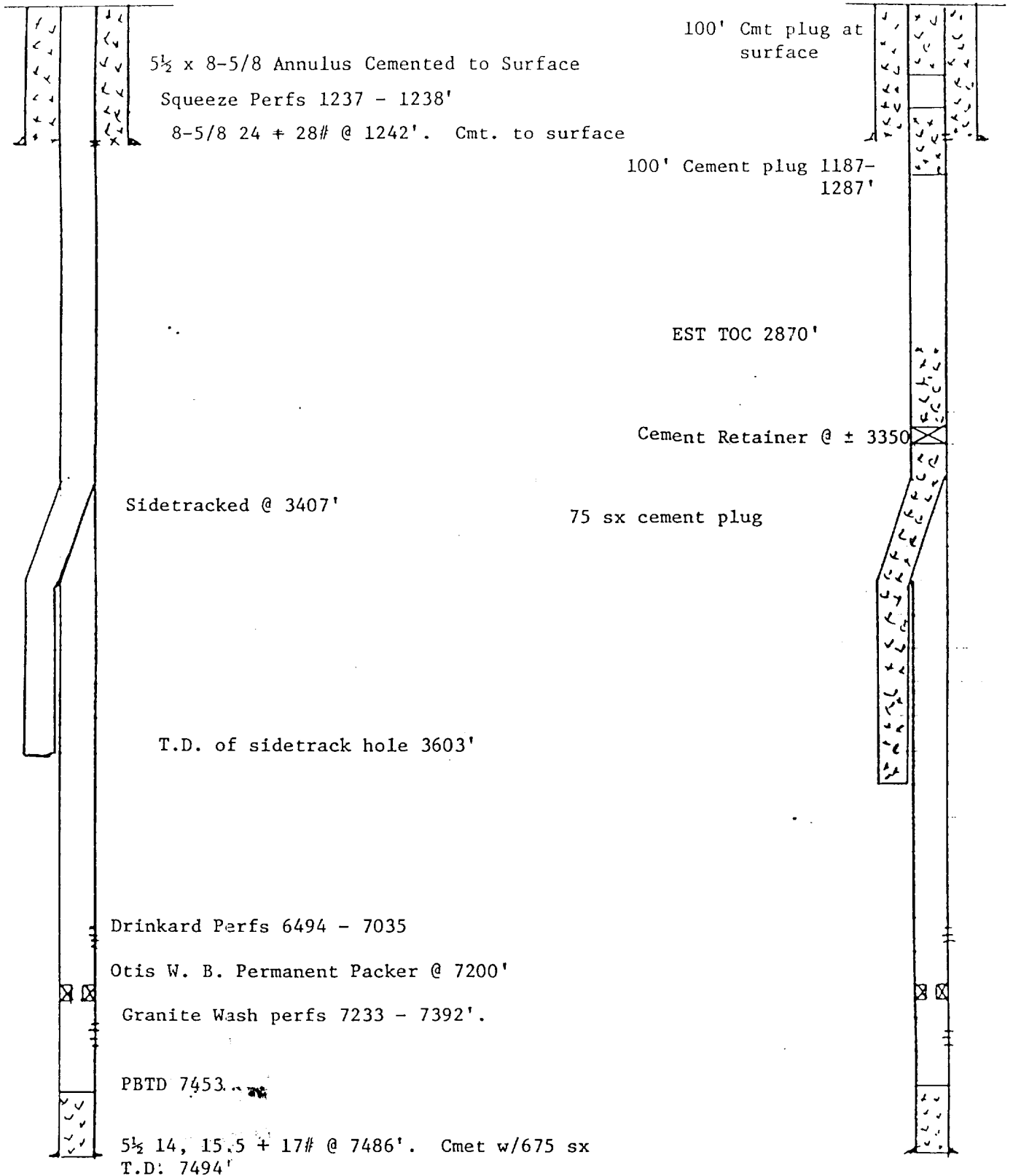
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *D. R. Lutton* D. R. Lutton TITLE District Production Supt. DATE 5/9/83

APPROVED BY *Jerry Septa* TITLE DISTRICT 1 SUPERVISOR DATE MAY 17 1983

CONDITIONS OF APPROVAL, IF ANY:

HINTON 14 J 15 22S 37E



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', tst'd 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 perfs 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. Rv'd 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 perfs, no squeeze, could pump thru perfs @ 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 perfs & 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., rev'd 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 tst'd 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.

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MAY 11 1983

O.C.D.  
HOBBS OFFICE

- 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 tbg 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 tbg. 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 tbg in hole. POH laying down. Shut well in & SDFN.
- 10-21-82 - Laid down 2-1/16 & 2-3/8 tbg prep to P&A