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NEW MEXICO OIL CONSERVATION COMMISSION

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

<p align="center">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.)</p>		<p>5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/></p> <p>5. State Oil & Gas Lease No.</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. Name of Operator Getty Oil Company</p> <p>3. Address of Operator P. O. Drawer DD, Levelland, Texas 79336</p> <p>4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>16-S</u> RANGE <u>37-E</u> NMPM.</p>		<p>7. Unit Agreement Name</p> <p>8. Farm or Lease Name State "P"</p> <p>9. Well No. 1</p> <p>10. Field and Pool, or Wildcat Lovington Penn, East</p>
<p>15. Elevation (Show whether DF, RT, GR, etc.) 3799' D. F.</p>		<p>12. County Lea</p>

<p>16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p>	
<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p> <p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOB <input type="checkbox"/></p> <p>OTHER <u>Convert to SWD</u> <input checked="" type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input type="checkbox"/></p>

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 work was done to convert this well to disposal in the lower ABO formation. (Oil Conservation Case No. 7506 and Order No. R-6965). RUPU. POH w/ rods, tubing and pump. Ran gauge ring and junk basket to 10,650'. Ran cast iron Bridge Plug and set @ 10,609'. Perfed 8900-9300', one shot per 10'. Dumped 6 sx of cement on Bridge Plug. Tagged PBTD @ 10,550'. Set packer @ 9502' to acidize. Tested Bridge Plug at 1000 psi, ok. Pumped 5000 gal 15% NEFE HCL w/ 80 ball sealers. Well only took 3/4 BPM on Vaccum. Ran GR-CNL-CCL and then perfed at 8906', 15, 18, 23, 28, 33, 37, 70, 9014, 53, 58, 64, 98, 9124', 34, 42, 50, 60, 68, 9256, and 86'. (21 shots). Ran packer and 3 1/2" plastic coated tubing. Prepared to acidize, annulus would not hold pressure. Set Bridge Plug at 8807'. Found casing leak at 5049-64'. Squeezed hole with 50 sx class "C" w/ Halad 9. Left shut in 20 hrs. Drilled out cement and cleaned hole to 8807'. Tested squeeze @ 1000 psi. o.k. Retrieved Bridge Plug and RIH with 3 1/2" IPC tubing and packer. Circulated packer fluid and set @ 8815'. Acidized w/ 5000 gal 15% NEFE HCL w/ 200# rock salt. Shut in 2 hrs. Ran step rate test. No indication of fracturing. 2 BPM for 3 min - 0 psi; 4 1/4 BPM for 6 min - 0 pis; 5 1/4 BPM for 10 min - 450 psi; 6.2 BPM for 7 min - 750 psi; 8.2 BPM for 8 min - 1450 psi; 9.9 BPM for 4 min - 2150 psi. Ready for injection 10-27-82.

<p>18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p>		
<p>SIGNED <u>F. L. Dietrich</u></p>	<p>TITLE <u>Area Engineer</u></p>	<p>DATE <u>10-27-82</u></p>
<p>APPROVED BY _____</p>	<p>TITLE _____</p>	<p>DATE _____</p>
<p>CONDITIONS OF APPROVAL, IF ANY:</p>		

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input 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.)

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
Name of Operator Getty Oil Company		8. Farm or Lease Name State "U"
Address of Operator P. O. Drawer DD, Levelland, Texas 79336.		9. Well No. 11
Location of Well UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>4</u> TOWNSHIP <u>17-S</u> RANGE <u>37-E</u> NMPM.		10. Field and Pool, or Wildcat E. Lovington Penn
15. Elevation (Show whether DF, RT, GR, etc.) 3804' D.F.		12. County Lea

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 type="checkbox"/>	REMEDIAL WORK <input checked="" 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 JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

7. 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 work was done in accordance with Oil Conservation Case No. 7506 and resultant order No. R-6965 to prevent up hole communication from the Abo formation. RUPU, POH w/ rods, tubing and pump. RIH with bit to drill out cement retainer at 6617'. Started drilling at 6339'. Twisted off 2" collar at 2024'. Caught fish with overshot then POH. Continued drilling to 6600' and lost cones. Ran Kutrite shoe to retainer, POH. RIH with bit and drilled out retainer and cleaned out hole to 8700'. Perforated at 8650-51' with four shots. RIH with packer and set at 8560. Communicated while trying to establish rate and found hole in casing at 8095'. Set packer above hole and established injection rate. RIH w/ cement retainer and set @ 8084'. Pumped 196 sx class "H" cement into perfs at 8650-51' and hole at 8095'. Max pressure - 1150 psi, left 35 sx above retainer. POH. RIH with production string and put on pump 10-6-82.

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

NAME Clark Richards Clark Richards TITLE Associate Engineer DATE 10-26-82

PROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p align="center"><small>(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.)</small></p>		
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		7. Unit Agreement Name
2. Name of Operator Getty Oil Company		8. Farm or Lease Name H. L. Batton
3. Address of Operator P. O. Drawer DD, Levelland, Texas 79336		9. Well No. 1
4. Location of Well UNIT LETTER <u>B</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>5</u> TOWNSHIP <u>17-S</u> RANGE <u>37-E</u> NMPM.		10. Field and Pool, or Wildcat Lovington Paddock
15. Elevation (Show whether DF, RT, GR, etc.) 3805' D.F.		12. County Lea

<p align="center">Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p>			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" 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 JOBS <input type="checkbox"/>	OTHER <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 work was done in accordance with Oil Conservation Case No. 7506 and resultant order No. R-6965 to isolate Abo formation. RUPU. POH w/ rods, pump and tubing. RIH w/ bit to drill out retainer at 6470, drilled cement to 6470'. POH, lost all cones, could not recover. RIH w/ new bit, no progress. RIH with Kutrite shoe and milled 6', POH. RIH w/ bit and drilled to 6494'. Fell through and then cleaned out to 8660'. Circulated hole clean. RIH with gauge ring and junk basket to 8850'. RIH with gun, perfered @ 8528-29' w/ 4 shots. TIH with packer on tbg, set at 8488'. Pumped 50 Bbls on Vacuum. POH. RIH with cement retainer and found casing hole. Located hole at 7161'. Pumped 500 gal 15% HCL, well started flowing when POH. RIH with cement retainer and set at 7099'. Pumped 200 sx at 1000 psi. Used three 10 Bbl-6 min hesitations to achieve final pressure of 1450 psi. Circulated clean, POH. WIH w/ prod. string, pump and rods. Put back on production 10-7-82.

<p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p>		
<p>Clark Richards <u>Clark Richards</u></p>	<p>Associate Engineer</p>	<p>10-26-82</p>
SIGNED	TITLE	DATE
<p>APPROVED BY _____ TITLE _____ DATE _____</p>		
<p>CONDITIONS OF APPROVAL, IF ANY:</p>		

STATE P. WELL No. 1

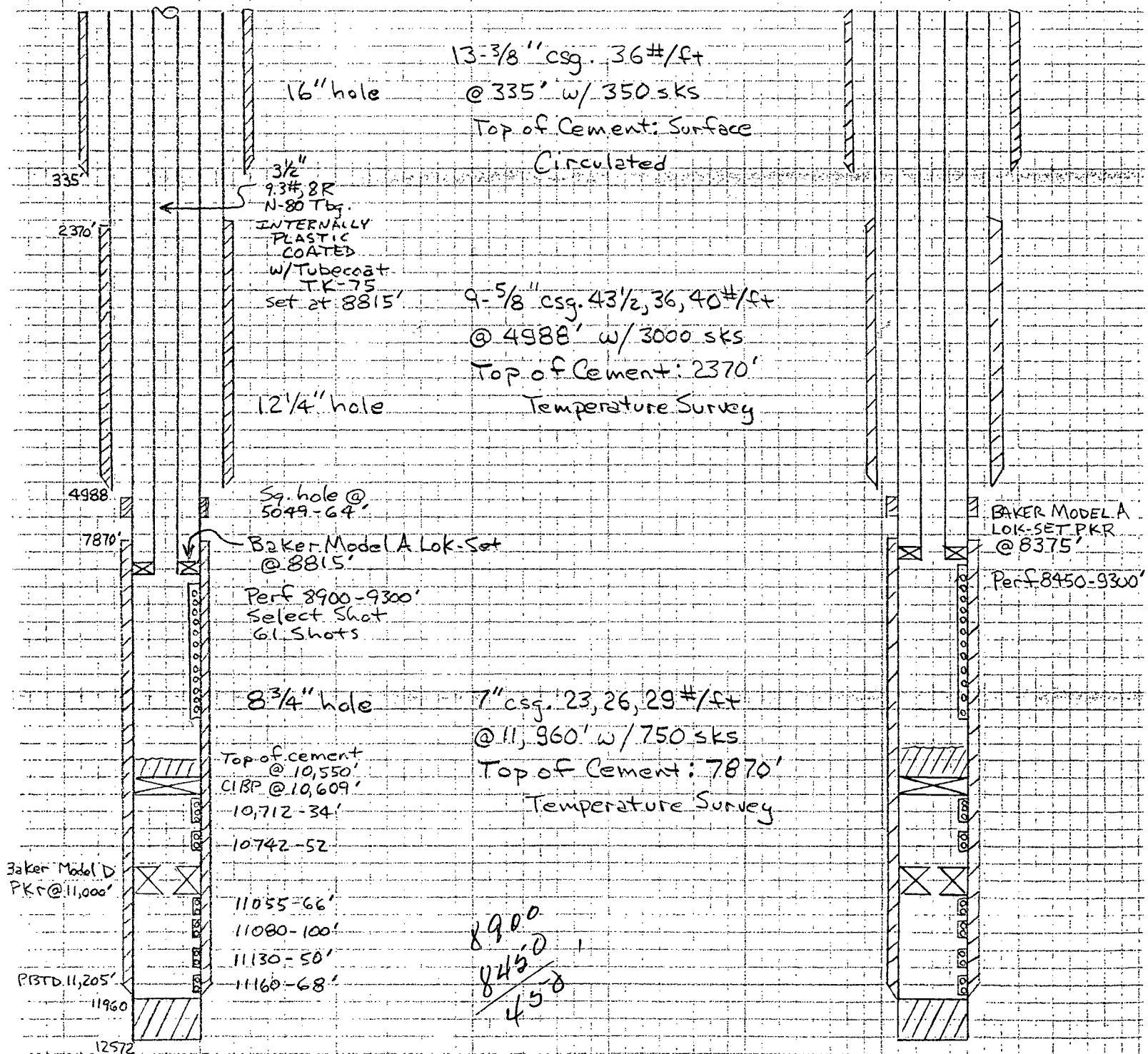
Elevation: DF 3799'

GL 3788'

Zero 3799'

PRESENT

PROPOSED



STATE P. WELL No. 1

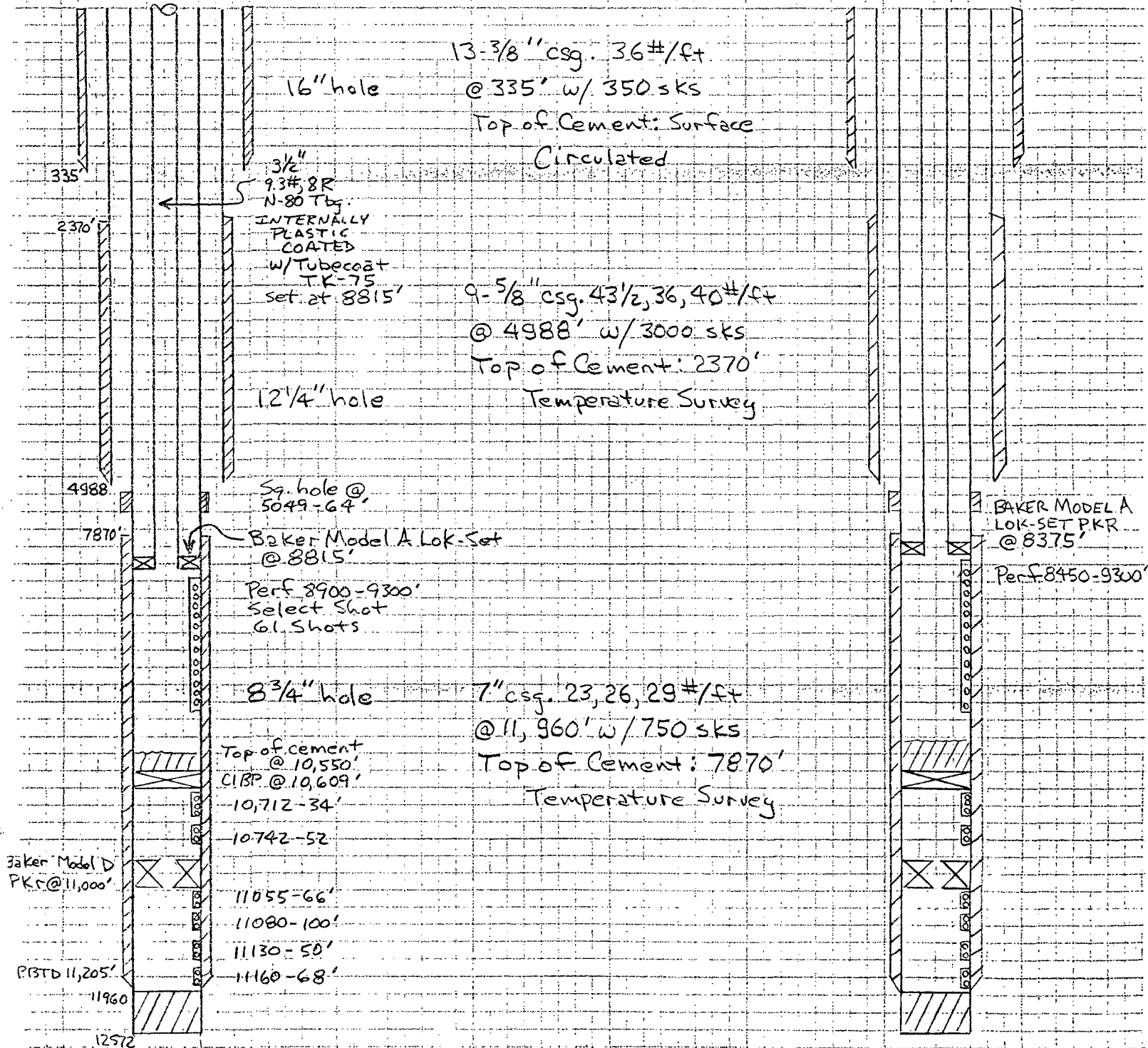
Elevation: DF 3799'

GL 3788'

Zero 3799'

PRESENT

PROPOSED



STEP RATE TEST
STATE "P" LEASE
WELL NO. 1
LEA COUNTY, NEW MEXICO

Test Date: 10-25-82
Tbg: 3 1/2" Plastic Coated

