

TABULATION OF DEVIATION SURVEYS

LOCATION: 2130' FEL & 660' FNL
 Section 5, T-13-S, R-36-E
 Tatum (Wolfcamp) Field
 Lea County, New Mexico

<u>Depth</u> <u>(Feet)</u>	<u>Deviation</u> <u>(Degrees)</u>	<u>Depth</u> <u>(Feet)</u>	<u>Deviation</u> <u>(Degrees)</u>	<u>Depth</u> <u>(Feet)</u>	<u>Deviation</u> <u>(Degrees)</u>
186	1/2	4069	1	8084	3/4
350	3/4	4191	3/4	8360	3/4
649	1/4	4500	3/4	8593	1/2
842	1/4	4637	0	8772	3/4
1157	3/4	4950	1/4	9025	1/2
1370	1/4	5344	3/4	9316	1/2
1583	1/2	5800	1	9606	1/2
1947	1/2	6158	3/4	9706	1/2
2130	3/4	6645	1/2	9863	1/2
2370	3/4	7147	3/4	9993	1/2
2796	1-1/4	7440	3/4	10,176	3/4
3066	3/4	7663	3/4	10,500	3/4
3554	1/4	7841	1/2		

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

O. V. Linger
 Production Engineer
 The Superior Oil Company

SUBSCRIBED and sworn to before me this 31 day of January, 19 68

Edith E. Stahl
 Notary Public in and for Midland
 County, Texas

My Commission Expires June 1, 1969

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NEW MEXICO OIL CONSERVATION COMMISSION

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

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-		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
2. Name of Operator The Superior Oil Company		5. State Oil & Gas Lease No. K-191
3. Address of Operator P. O. Box 1900, Midland, Texas 79701		7. Unit Agreement Name
4. Location of Well UNIT LETTER B, 660 FEET FROM THE North LINE AND 2130 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 13-S RANGE 36-E NMPM.		8. Farm or Lease Name State "F"
15. Elevation (Show whether DF, RT, GR, etc.) 4016 KB, 4014 DF, 4001 GL		9. Well No. 1
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>		10. Field and Pool, or Wildcat Tatum (Wolfcamp)
SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		12. County Lea

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.

Drilled 7-7/8" hole to 10,500 feet. Ran 5-1/2" 17# N-80 and J-55 short and long T&C casing to 10,500 feet. Circulated 1 hour and cemented with 250 sacks Incor Pozmix A. Cement with final pressure of 1700 psig. Cement job completed at 7:30 P.M., 12-24-67. Ran temperature survey which indicated top of cement outside of 5-1/2" casing at 10,000 feet. Removed blow-out preventers, installed tubing head and tested casing to 2000 psig. WOC time 72 hours. Ran bit and scraper on 2-7/8" tubing to top of cement plug at 10,430 feet. Displaced crude oil and pulled tubing out of hole. Perforated Wolfcamp formation 10,362 to 10,366' with 2 jets per foot. Set Model "D" packer on wire line at 10,325 feet and ran tubing. Swabbed well down to 9000 feet, acidized with 100 gallons 15% acid and swabbed well down and swab tested well 4 days. Acidized Wolfcamp perforations 10,362 to 10,366 feet with 500 gallons 15% acid, swabbed well for 9 hours with fluid level at 10,100 feet. Ran pump and rods, well on pump 1-19-68. Recovered all load oil and pumping new oil 1-24-68.

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

SIGNED O. V. Swigg TITLE Production Engineer DATE January 31, 1968

APPROVED BY Joe Ramsey TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: