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NEW MEXICO OIL CONSERVATION COMMISSION

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

SUNDY 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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
2. Name of Operator Tenneco Oil Company	5. State Oil & Gas Lease No.
3. Address of Operator 720 S. Colo. Blvd., Denver, CO 80222	7. Unit Agreement Name
4. Location of Well UNIT LETTER I, 1650 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE, SECTION 9 TOWNSHIP 27N RANGE 9W NMPM.	8. Farm or Lease Name Bruce Sullivan
15. Elevation (Show whether DF, RT, GR, etc.) 6164'GL	9. Well No. 1
	10. Field and Pool, or Wildcat South Blanco Pic. Cliffs
	12. County San Juan

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

2/13/80

We propose to fracture treat the Bruce Sullivan #1 by following the attached procedure.



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

SIGNED Carly V. Hatten TITLE Admin. Supervisor DATE 2/14/80

APPROVED BY Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRICT # 3 DATE FEB 19 1980

CONDITIONS OF APPROVAL, IF ANY:

LEASE Bruce Sullivan

WELL NO. 1

10-3/4" OD, LB, CSG.W/ 100 SX

TOC @ _____

104'

5-1/2" OD, 15.5 LB, J-55 CSG.W/ 100 SX

TOC @ 1807'

PROPOSED
1/2" 9.2#
J-55 NUE
10 RD tbg.

PROPOSED
1/4" 2.4#
J-55 IJ
10 RD tbg

DETAILED PROCEDURE

1. Blow casing & tubing down to atmosphere. Kill well w/1% KCl water if necessary.
2. Install Radigan tbg BOP & pull 1" syphon string.
3. Install Larkin type K 5-1/2" x 3-1/2" head. Install double ram BOP.
4. Run 3-1/2" 9.2# J-55 NUE 10 rd tbg to 2242' PBTD. Use slotted BP shoe & Omega latch down baffle on bottom.
5. Displace 3-1/2" casing w/water then cement in place w/100 sx 65-35 cement w/12.5% gel, 12.5#/sx gilsonite, followed by 80 sx class "B" cement w/4% gel, 2% CaCl₂, and 12.5#/sx gilsonite. Flush lines, drop wiper plug and displace w/100 gals 10% acedic acid, followed by water. Do not overdisplace. NUBOP to 3-1/2".
6. RIH w/1-1/4" IJ tbg and circ hole clean. Spot 250 gals 15% DI HCL across zone. POOH.
7. Run GR-Neutron log & perf selected porosity using Schlumberger's 2-1/8" hyper-jet 2 gun. (2 JSPF)
8. Break down perfs w/1% KCl water. Spearhead 500 gals 15% HCL. Foam frac as follows:
 - a. 120 bbls 70 quality foam
 - b. 25,000 gal foam w/30,000# sand (10-20)
 - c. Flush to bottom perf w/foam.Blow back to pit after pressure drops 300 psi.
9. RIH w/1-1/4" 2.4# J-55 IJ 10 rd tbg & CO to TD w/N₂. Land 1 jt off bottom. Blow well through tubing to pit.

2180'

11TRO-SHOT
190'-2242'
1/100 QSNG

2242' TD