

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501  
NOV 14 1984  
O. C. D.  
ARTESIA, OFFICE

Form C-103  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG-5230

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 Harper Oil Company ✓	8. Farm or Lease Name South Dallas
3. Address of Operator 904 Hightower Bldg., Oklahoma City, Oklahoma 73102	9. Well No. 1
4. Location of Well UNIT LETTER F 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 10S RANGE 26E NMPM.	10. Field and Pool, or Wildcat Wildcat - <i>Passi</i>
15. Elevation (Show whether DF, RT, GR, etc.) G.L. 3843.3'	12. County Chaves

16. 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 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 <u>Frac job</u> <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 1503.

10-30-84 MI & RU Dowell. SITP 1900 psig. Opened well, blew down to 500 psig. NU tree saver. Test lines. Pressure annulus to 500 psig, okay. Increase pressure to 1000 psig, held safety meeting. Start frac as follows: Pump 1000 gals. 7½% MSR 100, TP 1650 psig @ 4 BPM, increased rate to 15 BPM w/acid on formation @ 5600 psig, broke to 5500 psi. Start Stratafrac II pad as follows: 4000 gals. @ 15 BPM @ 5500#; 2000 gals. @ 15 BPM @ 5400#, 1#/gal. 20-40 sand; 3000 gals. @ 15 BPM @ 5390#, 2#/gal. 20-40 sand; 3500 gals. @ 15 BPM @ 4750#, 3#/gal. 20-40 sand; drop 25 ball sealers. Pump 1000 gals. acid w/balls spaced in acid. Pump 420 gals. 2% KCL water spacer. Pump 4000 gals. @ 15 BPM @ 5500#: 2000 gals. w/1#/gal. 20-40 sand @ 15 BPM @ 4750#: 3000 gals. w/2#/gal. 20-40 sand @ 15 BPM @ 5500#: 3500 gals. w/3#/gal. 20-40 sand @ 15 BPM @ 5800#; 1000 gals. 7 1/2% MSR w/420 gals. 2% KCL spacer. Pump 4000 gals. @ 13 BPM @ 5800#; 2000 gals. w/1#/gal. 20-40 sand @ 13 BPM @ 5500#; 3000 gals. w/2#/gal. 20-40 sand @ 13 BPM @ 5400#; 3500 gals. w/3#/gal. 20-40 sand @ 13 BPM @ 5650#. Start flush w/30 bbls. 2% KCL, 5000 psi. ISDP 2500#, 5" 2350#, 10" 2250#, 15" 2250#. Max. press. 6250 psi, avg. rate 13.4 BPM @ 4970#. Total load to recover 1057 BLW. Total sand used 60,000# 20-40 sand. RD & MO Dowell. SWIFN.

10-31-84 22 hr. SITP 1690 psig. Open well on 16/64" ch. @ 7:47 AM, pressures as follows:  
Cont'd on back

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

SIGNED Leslie A. Clements TITLE Operations Manager DATE 11-5-84

APPROVED BY Supervisor District II TITLE  DATE NOV 19 1984  
CONDITIONS OF APPROVAL, IF ANY:

7:57-1500#;

8:22-975#; 8:17-1100#; 8:27-700#; 8:37-590#; 8:47-420#; 8:57-200#; 9:02-100#.

Flowed on 16/64" ch., 100 psig until 12:00. Pressure decreased to 0#. Open on 3/4" ch., flowed by heads. RU swab, FL on 1st run @ surface. Made total 12 swab runs as follows: #1 @ 1500', FL 0'; #2 @ 1800', FL 300'; #3 @ 2700', FL @ 1200'; #4 @ 3000', FL 1500'; #5 @ 3200', FL 1700'; #6 @ 3200', FL 1700'; #7 @ 3200', FL 1700'; #8 @ 2900', FL 1400'; #9 @ 2500', FL 1000'; #10 @ 3000', FL 1500'; #11 @ 3400', FL 1900'; #12 @ 3800'. Recovered total 376 BLW. Lack 700 BL to recover.