

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
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 ☒	GAS WELL ☐	OTHER ☐
Name of Operator Harper Oil Company		
Address of Operator 904 Hightower Bldg., Oklahoma City, OK 73102		
Location of well UNIT LETTER <u>D</u> <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>29</u> TOWNSHIP <u>12S</u> RANGE <u>34E</u> N.M.P.M.		

7. Unit Agreement Name
8. Farm or Lease Name S.A. 29
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
11. Elevation (Show whether DF, RT, GR, etc.) 4201.7' G.L.
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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING Casing ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
DRILL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	OTHER <u>Perforated San Andres</u> ☐

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.

3-12-86 RU Reverse Unit. Drilling cement and float collar to 4980'. Tally tubing. Circ. hole clean. Test casing to 1000#, okay. TOH w/tubing. LD BHA. Release Reverse Unit. RU CRC. TIH. Ran CBL-CCL-GR Log. LTD 4979'. Good cement bond. POH. PU casing gun. TIH, perf 2 SPF @ 4932'-4926' (6'); 4938'-4949' (11'). Total 38 holes. POH. RD WL. PU Baker Model "R" double grip packer. TIH w/163 jts. 2 3/8" 4.7# J-55 tubing to 4941'. SIFN.

3-13-86 RU Dowell. Spot 100 gals. 7 1/2% acid plus additives. PU to 4880'. Reverse 2 bbls. Set packer. Test annulus to 1600#. Start breakdown. Pump 2 bbls. @ 2060#, broke to 1900# @ 2 BPM. Start w/1900 gals. acid plus 60 ball sealers, balls on perfs pressure 2900#, broke back to 1900#. Good ball action. Avg. 2000#, Max. 2900#, Avg. 2 BPM. LTR 89 BLW and acid water. ISDP 1500#, 5" 1380#, 10" 1320#, 15" 1260#. RD Dowell. Open well, blew down immediately. RU swab, FL @ surface, 3rd run FL 2400', 8th run FL 3800'. Pull from SN. Wait 30 mins. between runs #12 & #16. Recovery for day 48 BLW & acid water. LTR 41 BLW. SIFN.

3-14-86 FL 1st run 1300'. Made 3 runs, day. Wait 30 mins., FL 3300'. Wait 30 mins. FL 3900' scattered to SN, no stain, all water. Recovered 85 BLW, 4 BL to recovr. Unset packer, POH. PU Titan 5 1/2" CIBP. Set on WL. Test plug to 500#, okay. MI & RU CRC. TIH w/4" casing gun, perf. 4884'-4908', 2 SPF, 50 holes (PBSD 4920'). RD & MO. MI & RU Dowell. TIH w/2 3/8" Model "R" double grip packer. PU 1 jt., total 159

I hereby certify that the information above is true and complete to the best of my knowledge and belief. (Continued on back)

SIGNED <u>Jerry Sexton</u>	TITLE <u>Sr. Drilling Engineer</u>	DATE <u>3/19/86</u>
PROVED BY <u>ORIGINAL SIGNED BY JERRY SEXTON</u>	TITLE <u>DISTRICT J. SUPERVISOR</u>	DATE <u>MAR 24 1986</u>

jts. RU to spot @ 4910'; 100 gals. 7 1/2% + additives. Flush w/18 BW. PU. LD 3 jts. PU 10' pup jt. Reverse 2 bbls. Set packer @ 4830' w/18 pts. wt. Test annulus to 600#, okay. Start break down, 1100# @ 2 BPM, increased to 1500# @ 3 BPM. Start balls & acid on formation @ 1820# @ 3 BPM; 1990# @ 3.9 BPM; 2020# @ 3.7 BPM. Flush & ball action to 2200#, broke to 1800# w/ball action. Avg. pressure 2000#, final 2120#, Max. 2200#, Avg. 3.0 BPM. BL to recover 82. ISDP 1500#, 5" 1200#, 10" 1100#, 15" 1020#, 1 hr. 400#. Open, flowed 4 mins. RU swab. RD & MO Dowell; 1st run 1200#. Flowed 1 hr. & died. SI @ 7:PM for night.

3-15-86 Open well, SITP 40#, FL 1st run 500'. Made 16 runs; 6th run FL 3400'. Pull from SN. Wait 30 mins. Made 4 runs. Wait 30 mins. between runs. Recovered 88 BLW. Unseat packer. SLM OOH. LD packer. PU cement retainer.

3-16-86 Set retainer @ 4876'. MI & RU Dowell. Cement w/50 sx. Pressure backside. Injection rate 2 BPM @ 1200#; increased to 1750#. SD. Pull out of retainer (14.8 ppg, yield 1.32). Displ. 19.8. TOH w/2 3/8" tubing. MI & RU CRC. Perf 4" 4856'-4868' (12'), 2 SPF, 26 holes. TOH. RD & MO CRC. TIH w/2 3/8" w/packer to 4870'. Spot 100 gals. 7 1/2% MSR acid. PU LD 2 jts. 2 3/8". Packer would not set. POH. LD Model "R". PU exchange packer. TIH. Set packer w/13 pts. @ 4810'. RU Dowell. Pressure backside to 500#, okay. Breakdown zone. LTR 58 BAW & LW. RD Dowell. Release pressure. Blew down in 6 mins. RU swab, 0'-1200' FL on 1st run. Made 8 runs. On 8th run FL 4300', pulled from SN, recovered 43 BLW.

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