

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other Instructions on Reverse Side)

Form approved,
Budget Bureau No. 42-11424,
5. LEASE DESIGNATION AND SERIAL NO.

NM 23020

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--" 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 DYCO PETROLEUM CORPORATION		8. FARM OR LEASE NAME Federal-33	
3. ADDRESS OF OPERATOR 420 BNT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103		9. WELL NO. #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FSL & 400' FEL Section 33-T9S-R38E, Lea County, New Mexico		10. FIELD AND POOL, OR WILDCAT Sawyer	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 33-9S-38E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3922' GR.		12. COUNTY OR TERRITORY Lea	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

April 8 & 9, 1977 - Drilled out cement, DV tool to PBDT 5011'. Ran Bond & correlation Gamma Log. Perf. 4994'-5004', 2 holes/ft. Ran 2 3/8" tbg. set packer & treated perfs. w/500 gals 15% NE acid, swabbed back treatment w/show oil, water and gas.

April 10, 1977 - Treated 4994'-5004' perfs w/2000 gals 15% NE acid. Swabbed back treatment.

April 11, 1977 - Swab tested 35 BBIs water, 31 BBIs oil.

April 13, 1977 - Pulled tbg., perforated 1 hole 4954', then 19 holes from 4960'-4978'. Set retrievable plug at 4986'. Set packer @ 4950' and treated w/3000 gals. 15% NE acid.

April 15, 1977 - Tested upper perforation - swabbed 109 BBIs water, 24 BBIs oil.

April 16, 1977 - Commingled both sets of perforation and treated w/9000 gals of 15% NE with benzoic acid and rock salt stages.

April 18, 1977 - Swab testing, 10 BBIs water and 4 BBIs oil/hour.

April 20, 1977 - Ran 2 3/8" tbg., set @ 4996'. Ran 1 1/2 inserts pump on 3/4 rods.

April 21-25, 1977 - Building tank battery consisting of 4' x 20' heater treater, 2-210 barrel stock tanks and one fiber glass water storage tank. Setting 114000# gear box pumping unit.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles L. Simons TITLE Area Engineer DATE April 25, 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DATE
APR 27 1977

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse Side