

UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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Copy to 27
Form approved
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug and abandon a well. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

NM 20326

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Harvey "JI" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC. T., R., M., OR BLEK. AND SURVEY OR AREA

Sec. 23-21S-21E

Unit J NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

NM

MAY 22 1978

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED

JUN - 1 1978

D.C.C.
ARTESIA, OFFICE

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Yates Petroleum Corporation

3. ADDRESS OF OPERATOR
207 South 4th Street - Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1780' FSL & 1980' FEL of Section 23-21S-21E

14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4562' GR

16. Check Appropriate Box To Indicate Nature of Notice, Reason, 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 COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Spud</u> <input checked="" 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. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spudded a 12 1/4" hole at 11:30 PM 5-4-78. Will drill to 300' then ream a 17 1/2" hole to set 13-3/8" casing. TD 300'. Reamed 17 1/2" hole and ran 7 joints of 13-3/8" 24# J-55 (318') of casing set at 300'. Cemented w/325 sacks of Class C 4% CaCl. Slurry wt. 14.8, 1.32 cu ft/sx. Compressive Strength at 70 deg 1023 psi in 12 hours. Cement circulated 30 sacks to surface. PD 2:00 PM 5-6-78. WOC 12 hours. Backed off, reduced hole to 12 1/4", drilled plug and tested to 600#. OK. Resumed drilling.

TD 1617'. Ran 38 joints of 8-5/8" 24# K-55 (1602') of casing landed w/1-15' 24# K-55 joint shoe at 1617'. Insert float at 1568'. Centralizers at 1568, 950 and 750', cement baskets at 950 and 750'. Cemented as follows w/800 sacks 50/50 poz 4% gel, 10#/sx Kolite, 1/4# flocele 2% CaCl tailed in w/150 sacks of Class C 2% CaCl. PD 1:40 AM 5-12-78. Cement circulated 150 sacks to surface. WOC 18 hours, NU and tested to 1000#. OK. Reduced hole to 7-7/8", drilled plug and tested to 600#. OK. Resumed drilling.

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

SIGNED Christine Johnson TITLE Geological Secty DATE 5-22-78

(This space for Federal or State office use)

APPROVED BY Joe J. Lasa TITLE ACTING DISTRICT ENGINEER DATE MAY 31 1978

CONDITIONS OF APPROVAL, IF ANY: