

U.S. GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back a different reservoir. Use Form 9-331-C for such proposals.)

RECEIVED

JUL 28 1980

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Harvey E. Yates Company
3. ADDRESS OF OPERATOR
P. O. Box 1933, Roswell, NM 88201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FSL & 1650' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☒
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other)		

5. LEASE
NM-13276
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
West Lynch Federal
9. WELL NO.
1
10. FIELD OR WILDCAT NAME
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T-20S, R-34E
12. COUNTY OR PARISH
Lea
13. STATE
N.M.
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3659.1' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

/9 - 7/22/80 Swabbing load & acid water w/continuous gas blow w/trace of oil.

/23/80 RU Dowell and Frac perms 3270' to 3288' w/38,000 Minnie-Massive Cross Link Frac w/2000 gal WF-30 w/36,000# FLA-100 sand, 71,000# 20/40 sand and 18,000# 10/20 sand. Diverted 1/2 of frac fluid w/50 7/8" ball sealers. Avg rate-12 BPM @ 2800 psi. Max press-3200 psi; Final press-2950 psi; ISIP-1750 psi; 15" SIP-1680 psi. Injected 1 1/2 Milli Curie per 1000 gal of I-131 RAWT and w/20/40 and 10/20 sand. RD Dowell. RU Worth Well Services and Rowland Kill Truck. Displaced gelled water in tbg w/10# brine. Ran Gamma Ray Log and Temp Survey. Both zones treated major; light minor communications between zones; no channel up or down. TD-3441' GL; TD after frac 3352; 89' of sand fill-up. RD Worth Well Services. Total load to rec-850 bbl. SD @ 7:00 p.m.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

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

SIGNED

Chuck Hardin

TITLE

Engineer

DATE

July 25, 1980

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE ACCEPTED FOR RECORD

JUL 29 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

SITP 300 psi. Bled press off. Well started
flowing load & acid water w/trace of oil. Flow
estimated 100 bbls. load.

RECEIVED

AUG 5 1980

U.S. DEPARTMENT OF THE INTERIOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL 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—" for such proposals.)

NM-13276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

West Lynch Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 19, T-20S, R-34E

12. COUNTY OR PARISH 13. STATE

Eddy N.M.

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P. O. Box 1933, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

330' FSL & 1650' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3659.1' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Perf & SHOOTING OR ACIDIZING

(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.)*

6/24/80 TD 3528' Lime.

25/80 & 6/27/80 RD Cable Tools.

6/28/80 Moved Cable Tools off location

7/01/80 RU Well Service Unit. Ran Free point. Csg free at 2676'. Ran 88 jts (3533.30') 4 1/2" OD, 9.50 lb/ft, K-55, S.H., 8 R ST&C csg & set on bottom at 3528'.

7/02/80 RU casing tools. Pulled & LD 60 jts (2354.81') 7" OD, 20#/ft, K-55, 8R ST&C csg. Casing backed off 322' above free point. T/7" csg at 2355'. RU & cemented 4 1/2" csg w/850 sxs HLW w/ 13# salt/sx, 1/4# flocele/sx, followed w/100sx C1"C" w/5# salt/sx, 4/10% CFR-2 and 1/4# Flocele/sx. PD at 2:00 p.m. 7/1/80.

7/03/80 WOC. Ran 3 5/8" OD bit, bit sub, csg scraper and 110 jts, 2 3/8" tbg to 3470'. Displaced fresh water OOH w/2% KCl water. Tested 4 1/2" csg to 1750 psi. Held O.K. Pumped 250 gals - 10% Acetic Acid plus spotted zone to be perforated. POH w/tbg.

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

SIGNED

TITLE Engineer

DATE July 9, 1980

(This space for Federal or State office use)

APPROVED BY ACCEPTED FOR RECORD

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JUL 16 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO*See Instructions on Reverse Side
U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

Instructions

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U.S. GOVERNMENT PRINTING OFFICE: 1967-O-685229

847-485

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JUL 22 1980

NO NOTATION ON

7/04/80 Ran cement bond log w/GR from 3478' to 2507' Perfs from 3332' - 3350' w/2 shots/ft total 36 shots. Ran packer on 106 lbs 2 3/8" tbg & set pkr 3282' Swab zone dry. No shows.

05/80 - 7/07/80 Shut-in

7/08/80 SITP 0 psi. RU swab IFL 900'. Swab dry. No shows. Released Pkr & POH. Perf 4 1/2" csg from 3220' to 3230' w/2 shots/ft. and from 3270' to 3288' w/2 shots/ft. Total 56 shots. Ran retrievable bridge plug & packer. Set RBP at 3360' & pkr at 3304'. Acidized perfs 3320 - 3350' w/3000 gals - 7 1/2% MSR-100 and perfs 3270' to 3288' w/2000 gals - 7 1/2% MSR-180. Moved & reset pkr @ 3309' & RBP at 3360'. RU swab & swab testing well.

7/09/80