

Form 9-351
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

NM-22064

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐ GAS WELL ☒ OTHER		FEB 13 1980		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Harvey E. Yates Company ✓		U.S. GEOLOGICAL SURVEY ALBUQUERQUE, NEW MEXICO		8. FARM OR LEASE NAME Last Chance	
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, N. M. 88201				9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2280' FSL & 660' FWL				10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GS, etc.) 3929.66' GL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T-23S, R-24E	
				12. COUNTY OR PARISH Eddy	
				13. STATE N.M.	

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 COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) DST's

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

XX

(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.)*

1-18-80 Depth 8037', lime. Ran DST #1 7924' to 8037'. Tool open for 30 min pre-flow w/weak blow of air throughout. No GTS. SI for 60 min ISIP. Re-open for 60 min 2nd flow w/weak blow. No GTS. SI for 120 min FSIP.
Recovery: 1800' drilling mud. Sampler: 750 psi. 2100 cc mud.
Pressures: IHP 3914 psi
30 min IF-FF 411/474 psi
60 min ISIP 757 psi
60 min 2nd IF-FF 663/820 psi
120 min FSIP 1402 psi
FHP 3914 psi
BHT 130° F

1-24-80 Depth 8648', lime. DST #2.8490' to 8648'. Misrun. Drill pipe leak.

1-25-80 DST #3. 8490' - 8648'. Tool open for 30 min pre-flow w/weak blow. No GTS. SI for 60 min ISIP. Re-open for 60 min 2nd flow w/weak blow increase to fair. No GTS. SI for 120 min. FSIP.
Recovery: 3008' drilling fluid. Sampler: 200 cc drilling fluid. 0 psi.

(OVER)

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

SIGNED

TITLE

Engineer

DATE

2-12-80

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

APPROVED BY

TITLE

DATE

FEB 13 1980

CONDITIONS OF APPROVAL, IF ANY:

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.

GPO 680-160

Pressures: HPI & HPO 4224 psi
30 min IF-FF 432/475 psi
60 min ISIP 821 psi
60 min 2nd IF-FF 605/734 psi
120 min FSIP 1036 psi
Depth 9300' time. DST #4 9228' - 9300'. Tool
open for 30 min pre-flow w/fair blow increase
to good. Open on 3/8" choke. GTS 11 min.
Surface pressure 80 psi at 323 MCF/D rate.
Closed tool for 60 min ISIP. Re-opened for
60 min 2nd flow. GTS immediately w/1-1/2 psi
and decrease to 0 psi. SI for 180 min FSIP.
Recovery: 6671' gas cut drilling mud.
Sampler: 350 psi, .056 cuft gas, 2400 cc mud.
Pressures: HPI & HPO 4606 psi
30 min IF-FF 1509/2404 psi
60 min ISIP 2613 psi
60 min 2nd IF-FF 2458/3515 psi
180 min FSIP 3559 psi
BHT 160° F
Depth 10,480', lime and shale. DST #4.
Tool open for 30 min pre-flow w/weak blow increase
to good. GTS in 12 min w/65 psi increasing to 175
psi thru 3/8" choke. SI for 60 min ISIP. Re open
w/good blow. GTS w/35 psi on 3/8" choke increase-
ing to 375 psi at 1326 MCF. Closed tool for 180
min FSIP.
Recovery: 1260' drilling mud.
Sampler: 1000 psi; 3.423 cuft gas; 550 cc
Pressures: HPI & HPO 5194 psi
30 min IF-FF 260/607 psi
60 min ISIP 4095 psi
90 min 2nd IF-FF 521/1128 psi
180 min FSIP 4051 psi
BHT 176° F

1-28-80

2-4-80