

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)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 back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM-17200	
2. NAME OF OPERATOR Harvey E. Yates Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, New Mexico 88201		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface. 660' FNL & 660' FEL		8. FARM OR LEASE NAME Southeast Indian Basin	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4141.5' GL		10. FIELD AND POOL, OR WILDCAT Indian Basin up/ro	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T-22S, R-23E	
		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 COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

5-19-79 DST #1 - 7790' - 7831'
60 minute flow period.
Recovered 15' distillate and 885' gas and distillate cut mud.
Sampler: 1 CFG; 1250cc fluid; 1125cc gas cut mud; 125cc distillate. BHFP 152 psi - 289 psi
4 Hour SIP 2947 psi

5-21-79 DST #2 - 7755' - 7793' (Straddle Test)
Pressures:
IHP 3755 psi
FHP 3737 psi
60 min IFP 422 - 802 psi
60 min FFP 527 - 1013 psi
60 min ISIP 2909 psi
120 min FSIP 2929 psi

RECEIVED

JUN 11 1979

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

5-22-79 DST #3 - 3690' - 3725' Straddle Test)
Pressures:
IHP 1711 psi
FHP 1686 psi
30 min IFP-FFP 25 - 0 psi

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

SIGNED

TITLE

Engineer

DATE 5-30-79

(This space for Federal or State office use)

APPROVED BY Albert R. Stall
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 11 1979

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.

GPO 680-160

60 min ISIP	12 psi
60 min 2nd IF-FFP	0 - 0 psi
2 hr 2nd SIP	0 psi

5-23-79 DST #4 - 7759'- 7797' - Mis Run

5-25-79 DST #5 - 7733'- 7759' - Mis Run

5-26-79 Ran 190 Joints (7918.82') 5 1/2"OD 17# 1471' and 15.5# 6447.82'K-55 8R ST&C new casing set at 7910' and cemented in two stages

1st Stage - Pumped 500 gal mud flush and mixed 315 Sx Cl C 50/50 Poz w2% gel and .5% CFR-2; displaced w/187 BBL fresh water at 1000 psi. PD at 1:00 pm 5-25-79. Bumped plug w/1500 psi; dropped opening bomb; opened DV tool at 6229'. Circulated 4 hours before cementing second stage.

2nd Stage - Ran one 5 1/2" cement basket at 6189' and one at 3590'. Ran 15 bow type centralizers on 80' spacing from 6700' to 7900' and 10 on 80' spacing from 3200' to 3600'. Cemented w/570 Sx Halliburton LW w/1/4# Flocele /Sx and .4% CFR-2; displaced w/148 BBL fresh water at 1200 psi; bumped plug w/2000 psi at 6:00 pm. Raised BOP, installed casing slips and RR at 10:00 pm 5-25-79. After 12 hours WOC, ran temperature survey and found top of cement at 2400'.

Will report total WOC time and pressure test of casing when completion operations begin.