

NMOCC COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIAL DATE  
(Other instructions on re-  
verse side)

copy to SF  
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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		RECEIVED JAN 5 1978		5. LEASE DESIGNATION AND SERIAL NO. NM-23417
2. NAME OF OPERATOR Harvey E. Yates Company				6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1933, Roswell, N. M. 88201		7. UNIT AGREEMENT NAME Travis Deep Unit		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FEL & 660' FNL		9. WELL NO. 3		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3639' GL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T-18S, R-28E
				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:		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 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) DST #1, 2 and 3 <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(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.) \*

12-10-77 DST #1 - 8182' - 8238'  
Tool opened at 6:45 PM with strong blow. Pressure climbed to 34 psig in 30 minutes. Opened on 3/8" choke. GTS in 15 minutes. Pressure decreased from 36 psig to 15 psig after 30 minutes. Closed tool for 60 minutes ISIP. Re-opened tool at 8:15 PM w/fair blow through 3/8" choke @ 7 psig; decreased to 1 psig after 60 minutes; closed tool at 9:15 for 2 hour SIP. Pulled packers loose and pulled out of hole. Recovered 500' oil in drill pipe and 60' sulfur water. Sampler: 100 psig. 1.34 cf gas and 2100 cc oil w/trace water.  
Pressures:  
IHP 3776 psig  
IFP 176 psig  
30 Min. FFP 247 psig  
60 Min. SITP 352 psig  
2nd IFP 159 psig  
60 Min. 2nd FFP 247 psig  
2 Hr. FSITP 370 psig  
FHP 3670 psig  
BHT 122° F

RECEIVED  
JAN 3 1978  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Engineer

DATE December 23, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE JAN 4 - 1978

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

12-11-77

DST #2 - 8654- - 8730'

Opened tool at 6:30 PM with good blow increasing to strong. Pressure climbed to 1/2 psig in 10 min. Opened well on 3/8" choke; pressure decreased to 0 psig after 10 min. No GTS during initial 30 min. flow period. Shut well in at 7:00 PM for 60 min. SITP. Re-opened tool at 8:00 PM with strong blow; GTS in 10 min. into 2nd flow period. 0 psig through 3/8" choke. Small gas flare through rest of second flow period. Closed tool at 9:00 PM for 120 min. SITP. Pulled test tool out of hole. Recovered 60' oil, 300' slightly oil cut mud, 4820' salt water, rev. out sampler at 500 psig, 0 cf gas, 2,000 cc water. Pressures:

IHP	3969 psig
IFP	423 psig
30 Min. FFP	1469 psig
60 Min. ISIP	3303 psig
2nd IFP	1556 psig
60 Min. FFP	2516 psig
120 Min FSIP	3320 psig
FHP	3881 psig
BHT	134° F

12-14-77

DST #3 - 9629' - 9714'

Opened tool at 2:00 PM with weak blow. Pressure increased to 5 3/4 psig in 30 min. No GTS. Closed tool at 3:30 PM for 60 min. SITP. Re-opened tool with good blow. Pressure increased to 26 psig. Opened on 1/4" choke. GTS after 10 min. into 2nd flow period. Closed tool at 4:30 PM for 120 min. SITP. 6:30 PM pulled packers free and pulled out of hole. Recovered 600' condensate, 0 water. Sampler: 200 psig, .44 cf gas, 1100 cc condensate, 0 water.

Pressures:

IHP	4407 psig
IFP	184 psig
30 Min. FFP	229 psig
60 Min. ISIP	2006 psig
2nd IFP	161 psig
60 Min. FFP	275 psig
120 Min. FSIP	3523 psig
FHP	4407 psig
BHT	140° F