Dec. 1973	Form Approved. Budget Bureau No. 42–R1424	
UNITED STATES	5. LEASE	
DEPARTMENT OF THE INTERIOR	NM-16350-A	
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
GEULUGICAL SURVET	O. IT INDIAN, ALLOTTLE OR TRIDE NAME	
SUNDRY NOTIOFS AND DEPODTS ON WELLS	7. UNIT AGREEMENT NAME	
SUNDRY NOTICES AND REPORTS ON WELLS	Young Deep Unit	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir, Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME	
$\begin{array}{c c} 1 & \text{oil} & X & \text{gas} \\ \text{well} & X & \text{well} & \Box & \text{other} \end{array}$	9. WELL NO.	
	3	
2. NAME OF OPERATOR Harvey E. Yates Company		
3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME North Young Bone Springs	
P. O. Box 1933, Roswell, N.M. 88201	11. SEC., T., R., M., OR BLK. AND SURVEY OR	
4. LOCATION OF WILL (REPORT LOCATION CLEARLY. See space 17	AREA	
below.) 1980' FNL & 1980' FEL	Sec. 10, T-18S, R-32E	
AT SURFACE:	12. COUNTY OR PARISH 13. STATE	
AT TOP PROD. INTERVAL: SAME		
AT TOTAL DEPTH:	14. API NO.	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,		
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)	
	3489.0' GR	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	1. 5707.0 M	
TEST WATER SHUT-OFF	-05Er 1111	
FRACTURE TREAT		
SHOOT OR ACIDIZE	a start and and a start and a start a st	
REPAIR WELL LI LI LI PULL OR ALTER CASING TO THE CASING TO	Change on Form 9-330.)	
	NR S D F O P P P P	
CHANGE ZONES		
(other)Perforate, Acidize & Test		
	e all pertinent details Jard give pertinent dates,	
<ol> <li>DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner</li> </ol>	ie all pertinent details and give pertinent dates, firectionally drilled, give substitue OSACIALS SURVEY at to this work.)* HOBBS, NEW MEXICO	
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18/22/7 CONTINUED

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.ds .nunbev-418 isq 0066-4181 .isq 0286 9 M98 2/1-9199 ;isq 0004 ١Ç 6 2000 psi. IPIP-1/4 BPM 0 3300 psi; Max PIP-1/2 BPM 0 Started breakdown perfs; formation broke .isq 085 07 Press annulus tbg. Set pkr @ 9248'. RD BOP & RU Tree. RIH W/2 3/8" Baker Lok Set pkr, ON-OFF tool and 2 3/8"

- .m.q 00:4 9 dl .astrua .sng bun Lio lo woda idgils ; 0028 mort EEL-8500' SITP-0 psi; IFL @ 1500' from surface. Swbd down to 18/87/3
- bdw8 .900 psi (40 hrs). IFL-3000' from surface. Swbd 18/20/8

at 1510-3000 psi; 5" SIP-1750 psi; 10" SIP-1500 psi. Min Rate-3 B/N; Max Rate-5.5 B/N; Avg Rate-4.2 B/M; Gooda ball action; did not ball out. Started load rec @ 11:45 ...a. and psi; Max Press-6500 psi; Avg Press-4800 psi; FPIP-4200 bbl of fluids. Flushed w/2% KCl water. Min Press-4200 SITP-100 psi (40 hrs). IFL-3000' from surface. Swbd all day; FL stabilized @ 8500'. Swbd total of 50 bbl; day trace of 51 and gas. Trace of 51 and gas. SITP-100 psi. Bld down. IFL-3000'. Made 1 swab run; Att and gas. NoWSCO. Acidized csg perfs from 9286' to 9364' (32 holes). w/4000 gal 15% DS-30 w/46 ball sealers and 1000 SCF N / Eds. bbl of flaids. Flushed w/2% KCl water. Min Press-4200 day / Eds. 18/00/0

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ces, and site	ç•9 Hd	
fice ar I si	Sp Gr 1.125	
State offices. A significant between and date well site	WATER ANALYSIS made by Western Company 3/4/81	
State -+ sig betwi date	Sent water sample to Western Company to be analyzed).	
	each swab run. SD. (NOTE: 80 bbl overload to rec.	
d/or recor low, and	120 bbl fluid; small amount of oil; scattered gas in	
sec = e	bbl of fluid/hr. FL came up to 1800' from surface. F	
ederal and placed be 20 vith 7 20 vell; 30 vell;	to pit. IFL-2300' from surface. Made 3 runs/hr; rec 2	
velle a sige	STTP-250 psi (16 hrs). RU Chase Swabbing Unit. Bled w	18/70/8
by local Federal and/or cthor conco with proce material placed below, closing top of well; and 20 C	ост в со. " <sub>М</sub> я	
sing	() =	
Sen ese	$\rho(z^{\prime}z^{\prime}) = \frac{7}{2}\rho(z^{\prime})$	
required 2000, 20 or other ethod of	887 CO3H	
hod	$()$ $S^{*}H$	
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hol	921,5 BM	
the grid ation	Са 2,600	
in the state	L65'I7 XBN	
info esse nen left	Fe Good trace	
cal information as is required or present productive conce, o f cement plugs; mud or other any left in the hole; method of	Zb Ct I·I @ 120	
of a cit	18/2/2 YARAR AWALYSIS made by Western Company 3/2/81	
ent s	Rec. small amount of gas & oil. SD	
	from surface. RD Unit. Rec 80 bbl of load: 40 bbl to	
thtt	And the second s	
uld include such special information as is required by local Federal and/or State offices data on any former or present productive conce, or other more with present significant hod of placement of cement plugs, mud or other material placed below, between and the depth to top of any left in the hole; method of closing top of well; and date well site of the depth to top of any left in the hole; method of closing top of well; and date well site	psi ISIP-3000 psi; 5" SIP-1750 psi; 10" SIP-1500 psi. Min Rate-3 B/M; Max Rate-5.5 B/M; Avg Rate-4.2 B/M. C ball action; did not ball out. Started load rec @ 11 a.m. Flwd back for 2 hrs. Made 2 swab runs; IFL-100' Rec. small amount of gas & oil. SD Rec. small a	
	. Isq ooctains of the octains could be worked and	
금성원코	tea AAPI ate MAL (tea APILate UP (tea AAAPILiea)	

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include In addition, such proposals and reports should include reasons for the abandonment; data on any fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of plac casing, liner or tu the abandonment g of any o roval of t parting conditioned for final inspection looking to appr ð above plugs; amount, size, method

described in accordance with Federal requirements. Consult local be no applicable State r specific instructions.

State or Federal office for

State requirements, locations on Federal or Indian land should tem 4: If there are

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 Income hands 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 regentions. 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.

Instructions



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OIL CONSERVATION DIV

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RECE

Young Deep Unit #3 HARVEY E. YATES COMPANY Page Two March 17, 1981

3/04/81	Ca Mg Cl HCO <sub>3</sub> NaCl	1800 ppm 1993 ppm 100,000 ppm 488 ppm 170,000 ppm
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Slight skim of oil

3/05/81 SITP-100 psi. IFL-2600; at 10:30 a.m. FL-1900' from surface. Continued to swab until 4:30 p.m. FFL-2300' from surface. Rec total of 150 bbl fluid w/small amount of oil & scattered gas. SD. Prep to run Tracer Survey.

	ANTALVOIC	mada	<b>h</b> .v	Wastern	Company 3/4/81	
WATER	ANALISIS	made	Dy_	western	Company 3/4/81	ic O
		(	Sp (	Gr	1.125 e 7	b
		1	<b>l</b> aK		58,674	
		(	Ca		1,800	
		1	Mg		1,580	
			C1		98,000	
		1	рH		6.5	
			H <sub>2</sub> S		0	
			sõ <sub>4</sub>		350	
			HCO	n	488	
			NaC	5	161,210	

- 3/06/81 SITP-100 psi. Bled press to pit. RU WPC Worth Well & Knox Services to run Temp. and Pum-In Tracer Surveys. Used 140 bbl 2% KCl water for surveys. After surveys, released Knox and Worth Well. Started swbg; IFL-2500' from surface; FFL-2000' from surface. Swbd 40 bbl back. Released Chase Swab Unit @ 5:p.m. SD
- 3/11/81 RU Completion Unit. SITP-200 psi (114 hrs). Bld press to pit. RD Tree & RU BOP. Unseated Baker Lok-Set pkr & POH w/tbg, pkr and ON-OFF tool. SD
- 3/12/81 SITP-O psi. Started in hole w/RBP, pkr, collar locator and 2 3/8" tbg. Tagged bottom @ 9450'. Pulled tools up to 9372' to set RBP; could not get RBP to set. Pulled tools up to 9346' to set pkr; could not get pkr to set. Started OOH w/ tbg and tools. SD.
- 3/13/81 SITP-0 psi. Pulled tbg and pkr OOH. RTH w/RBP, pkr, and mechanical collar locator on 2 3/8" tbg. Set RBP @ 9373' and pkr @ 9346'. Swbd perfs from 9350' to 9353' and from 9360' to 9364'. IFL-1800' from surface; FFL 2200' from surface. Rec 35 BF w/small amount of gas and oil. SDFN.
- 3/14/81 SITP-O psi. Continued swab testing perfs from 9350' to 9353' and from 9360' to 9364'. IFL-1800' from surface; FFL-2000' from surface. Rec 95 BF w/small amount of oil and gas. Released pkr and RBP; reset RBP @ 9346' and pkr @ 9325'. Swbd perfs from 9328' to 9332' and from 9340' to 9342'. Swbd 70 BF w/small show of oil and gas. FFL-2000' from surface. SD

68,000 ppm

3/15/81	WATER	ANALYSIS	made by Wes	stern Company	3/14/81
5,15,61			Sp Gr	1.088	@ 73°F
			рН	5	
			Fe	Faint	trace
			H <sub>2</sub> S	None	
			нćо	793	
			Ca	1,000	
			Mg	1,191	

C1