	N. M. O. C. C. COPP		/				
Form 9-331	II (FD STATES SUBMIT IN TRID LATE.	Form appro Budget Bur	ved. eau No. 42-R1424.				
(May 1963)	DEPARTMENT OF THE INTERIOR (Other instructions And) re-	5. LEASE DESIGNATIO					
	GEOLOGICAL SURVEY	LC 065300					
(Do not use t	NDRY NOTICES AND REPORTS ON WELLS his form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT_" for such proposals.)	6. IF INDIAN, ALLOTT	EE OR TRIBE NAME				
1. OIL GAS		7. UNIT AGREEMENT	NAME				
WELL WELL OTHER 2. NAME OF OPERATOR		8. FARM OR LEASE N.	-				
ROBERT N. ENFIELD		Bannel-Feé	979.1.				
3. A DRESS OF OPERATOR		9. WELL NO.					
4. L CATION OF WELL	(Report location clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT					
See also space 17 below 7. 3 & 5 Lines of Sec. 18-7-21-3, R-23-5 At surface 1650 7. 3 & 5 Lines of Sec. 18-7-21-3, R-23-5 Eddy County, New Mexico		Indian-Basin-Upper Penn 11. SEC., T., E., M., OE BLK. AND SURVEY OR AREA Sec. 18, T-21-5, B-23-Be					
				14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARIS	SH 13. STATE
				16.	Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data	
		UENT REPORT OF:					
TEST WATER SHU	T-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING	WBLL				
TRACTURE TREAT	MULTIPLE COMPLETE FRACTURE TREATMENT	ALTERING	CASING				
HOOT OR ACIDIZ	ABANDON* SHOOTING OR ACIDIZING	ABANDONM	(ENT*				
LEPAIR WELL	CHANGE PLANS (Other) (Note : Report results	s of multiple completio	n on Well				
(Other)	Completion or Recomp O OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, If well is directionally drilled, give subsurface locations and measured and true vertic	including estimated d	torm.)				
	gel & 2% CaCl, 425 sacks 1-1- pos W/4% gel & 2% CaCl did not circulate. Ran Temp. survey. Top cement 3 side & pumped 250 sacks nest cement W/7 sacks CaCl. 24 hours. Tested W/1500%. Held okay.	575*. Ran 1" Coment circu	pipe down back lated. WOC				
8-19-65:	Set 42", 9.5 &ll.6#, J-55 casing # 7499' W/350 sacks	Incor Pos W/	2% gel. WOC				
1	the second of the second set as the second b	5Q.					
(srpediter	nt report of treatment attached)	-iV	t.				
		196	INNE				
	REDEIVE	F 18 CAL	sex 100				
	•	NOV LOGICEN	Min				
	NOV 3 0 1065	S. GEULA, MI					
	ter≥ 	U. ARTES					
	48 hours. As report of treatment attached) REDEIVE NOV 3 0 1065	₿ ₽					
		.					
18 I hereby certify	Mat the foregoing As true and correct						
signed	TITLE Geologist-Engineer		-17-65				
			·				
	edelal or State office use)	- A MP					
APAROVED BY CONDITIONS VI	APPROVAL IF ANY:	DATE	· · · · · · · · · · · · · · · · · · ·				
NUM	Bulling -						
H.E	ISTRIOT ENGINEER *See Instructions on Reverse Side						
AU							

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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 arc 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 abandomment 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 abandomment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement of 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 bole; method of closing top of well; and date well size or other material placed below.

U.S. GOVERNMENT PRINTING OFFICE ; 1963-O-685229

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- 8-25-65: 1...., 1950-18. Perforated 7320-50 (n correction), 7408-18, 7442-48 with 1 jet shot per foot. Went in hole with 2" tbg. Set retrievable plug at 7460'. Set packer at 7385'. Acidized perfs 7408-18 and 7442-48 w/500 gals. Swabbed back acid water and acid gas. No. shows. Pulled retrievable plug up to 7365'. Pulled packer to 7302'. Acidized perfs 7320-30 with 500 gals. Swabbed back acid water and well started flowing gas at estimated rate of 500 MCFD. Re-acidized perfs 7320-30 with 2500 gallons acid. Swabbed and started flowing at estimated rate of 1500 MCFD. Re-acidized perfs 7320-30 with 10,000 gals. retarded acid. Swabbing back acid water.
- 8-26-65: T.D. 7500'. Plug back T.D., 7365'. Testing. Swabbed perfs 7320-30 of acid water. Well started flowing an estimated 600 MCFPD. Now testing tubing and packer for a leak.
- 8-27-65: T.D. 7500. PB T.D., 7365¹. Prep to run tracer survey. Lowered packer and tested in blank pipe. Showed packer leakage. Pulled packer, bridge plug, and tubing. Perforated 7260-88¹ with one jet shot per foot. Went back in hole with BP, Pkr & tbg. Set BP at 7302¹. Set Pkr at 7239¹. Acidized perfs 7260-88¹ with 1,000 gals. Formation started taking fluid immediately. Maximum treating pressure, 3600#. Initial Shut Down Pressure, 2300#. Treatment pressure indicated possible communication. After swabbing acid water, well started flowing at 600 MCFPD. Lowered BP to 7365¹. Set Pkr at 7302¹. Pumped water into perfs 7320-30¹. Water communicated and flowed out annulus.
- 8-28-65: T.D. 7500¹. Ran tracer survey. Survey showed communication from 7330-7156¹. Pulled bridge plug, packer, & 2" tbg. Squeezed with 200 sacks through perfs 7260-88¹, 7320-30¹, 7408-18¹, & 7442-88¹C E to to to to the performance of the performa

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8-29-65: WOC.

compild your

- 8-30-65: Prep to drill out cement.
- 8-31-65: T.D. 7500^{*}. PB TD, 7450^{*}. Prep to swab. Drilled out cement to 7450^{*}. Pressured up with 2,000# at 7300^{*}, 7375^{*}, 7450^{*}. Pressured up w/3800# @ 7450^{*}. Held okay. Ran correlation log to drilled out TD 7438^{*} by log. Perforated one jet shot per foot at 7323^{*}-24^{*}-25^{*}. Perforated one jet shot per ft. at 7266-68-70-72-74-76-78-80. Ean BP, pkr and 2["] tbg in hole. Set BP @ 7383^{*}. Spotted acid @ 7320^{*}. Set pkr at 7293^{*}. Started pumping 500 gals. acid into perfs 7323-24-25^{*}. Formation started taking fluid at 4400#. Broke back to 3800#. After 200 gals, acid communicated to upper perforations. Moved packer to 7246^{*}. Pumped remaining 300 gals acid into formation @ 3000#. Five Min. shut-in press., 2500#.
- 9-1-65: T.D. 7500'. PBTD, 7246'. Testing. Swabbed acid water from perfs 7323-24-25' and perfs 7266-68-70-72-74-76-78-80'. Swabbed dry. Set BP @ 7246 & pulled tbg to 7130'. Perf'd 7206-24- w/l JSPF. Set pkr.
 @ 7157'. Acidized perfs 7206-24 w/500 gals. mud acid. Formation started taking fluid © 2300#. Initial shut down pressure, 3600#. Swabbed acid water w/show gas. TSTM. Checking for leak in BP.
- 9-2-65: T.D. 7500'. PBTD, 7157'. Swabbing acid water & gas @ rate of about 400 MCFPD. Set BP @ 7157'. Perf'd 7126-33' w/1 JSPF. Spotted 500 gals. mud acid at 7133'. Set pkr @ 7030'. Pumped acid away. Swabbed back acid water and small amount of gas, TSTM. Re-acidized perfs 7126-33' w/2,000 gals. acid and now swabbing back and getting twice as much gas as before, estimated 400 to 500 MCFPD and looks as if it might still be improving slightly.
- 9- 3-65: T.D. 7500¹. PETD, 7157¹. Shut in for 6-hour period. First hour built up to 675[#] surface pressure; in six hours, 1750[#]. Continued to flow at estimated rate of 500 MCFPD. Reacidized with 10,000 gals. retarded acid. Shut in for six hours. Started swabbingback acid water.
- 9-4-65: T.D. 7500^{*}. PBTD, 7157^{*}. Swabbed back acid water. Well kicked off and flowed 924 MCFPD. 1-hr. SIP, 975#.
- 9-5-65: Flowing well to clean up.
- 9-7-65: 18 hr. SIP 2250#. Flowed on 22/64" choke for one hr. FTP 500#. Est. vol. 1.5 MMCF.
- 9-8-65: T.D. 7500'. PBTD, 7157'. Prep to reacidize perfs 7126-33'.
 - 4:30 p.m.: Treated with 18,000 gals. of 15% retarded acid plus 8,000 gals, 2% acid overflush. Average injection rate of 5 bbls per min. Maximum treating pressure, 3900#. Initial shutdown pressure, 3000#. Shut-in. Will-commence-swabbing-at-5:30-tonight.
- 9-9-65: T.D. 7500[†]. PBTD, 7157[†] Opened well at 5:30 p.m. Acid water flowed back and well kicked off. Now flowing gas and acid water. Well still cleaning up.