SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

U. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES (Other instruction reverse side)

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY				SF 076934			
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK				6. IF INDIAN, ALLOTTER	OR TRIBE NAM		
DRILL DEEPEN I PLUG BACK				7. UNIT AGREEMENT NAME			
OIL GA	S CTHER		SINGLE ZONE	MULTI ZONE	PLE	S. FARM OR LEASE NAME	
NAME OF OPERATOR						Mansfield	
Tenneco Oil	Company					9. WELL NO.	
ADDRESS OF OPERATOR	0.2	n _				10. FIELD AND POOL, O	R WILDCAT
TOCATION OF WELL (Re	urango, Colorad	10 In accordance with	any State	requirements.*)		Blanco Mesav Pasin Dakota	zerde and
At surface						11. SDC., T., B., M., OR I	
400' FSL, 3 At proposed prod. zon	50' FEL, Sectio	on 19, T30N,	R9W, S	an Juan Co.		_T30N, R9W	· N A
. DISTANCE IN MILES A	AND DIRECTION FROM NEA	REST TOWN OR POST	OFFICE*			12. county or parish San Juan	N.M.
). DISTANCE FROM PROPO	grn •		16. NO. OF	ACRES IN LEASE	17. NO. C	OF ACRES ASSIGNED	
LOCATION TO NEAREST PROPERTY OR LEASE L	INE, FT.		32			HIS WELL	
(Also to nearest drlg	unit line, if any)		19. PROPOSE	D DEPTH	20. ROTA	TABY OR CABLE TOOLS Rotary	
TO NEAREST WELL, DI OR APPLIED FOR, ON THI	RILLING, COMPLETED,		720	0'			
. ELEVATIONS (Show whe	ther DF, RT, GR, etc.)	<u></u>	601	3'DF	• •	Cctober 4, 1	
	I	PROPOSED CASING	AND CE	MENTING PROGE	RAM	4.	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	T	SETTING DEPTH		QUANTITY OF CEMENT	
6-1/4	4-1/2	11.60		7200	2_s	stages - cemented	
6-1/4	4-1/2	10.50		6200		to surface :	
casing. Spodrill to approximation. Set cement	/200 sx. Cut of the control of the c	at casing s 7200'. Per ve Dakota for proximately	stub. rforate ormatio 300' b	Set knuckle and frac I n. Run 2-3 elow bottom	e joint Dakota f B/8" tub n of Mes	at 3-1/2° and formation and Ming landed in averdence 1965	gas Mesaverde packer.
eventer program, if any		illy, give pertinent	data on sub	surface locations	and measured	d and true vertical depth	rs. Give blowe
HAROLD C. NICHOLS		TITL	Senior Production Cl		erk DATE 10-	1-65	
	ral or State office use)						
PERMIT NO.			APPROVAL DATE			RECE	IVEL
APPROVED BY		TITL	D			DATE OF	/ 1000
CONDITIONS OF APPROVA	AL, IF ANY:					001	4 1300
		** 1	0	Reverse Side		U. S. GEOLOG	GICAL SURVE

Porm ((May	

		Form	app	roved.			
	LEASE	Budge	t B	ureau	No.	42-R1	12
5.	LEASE	DESIG	NAT	ION A	1D 81	RIAL	NO.

79rm 9-331 (May 1963)	UNITED STATES ARTMENT OF THE INTER GEOLOGICAL SURVEY	SUBMIT IN TRIPLICA (Other instructions on verse side)	
	NOTICES AND REPORTS (proposals to drill or to deepen or plug sept.ICATION FOR PERMIT: " for such p		6. IP INDIAN, ALLOTTED OR TRIBE NAME
OIL GAS X OT	HER		7. UNIT AGREEMENT NAME.
2. NAME OF OPERATOR			S. FARM OR LEASE NAME :
Tenneco Oil Co	mpany		Mansfield
3. ADDRESS OF OPERATOR			9. WELL NO.
P. O. Box 171	+ - Durango, Colorado		1
See also space 17 below.)	ation clearly and in accordance with any	State requirements.	10. FIELD AND POOL, OR WILDCAT Dual.
At surface 400' FS:	Blanco MV & Basin Dakota 11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA		
			Sec. 19, T-30-N, R-9-W
14. PERMIT NO.	15. ELEVATIONS (Show whether DE	, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
	6013' DF		San Juan New Mexico
16. Chec	k Appropriate Box To Indicate N	lature of Notice, Report, c	or Other Data
NOTICE OF	INTENTION TO:	SUB	SHEQUENT REPORT OF
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	X REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	X ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	X ABANDONMENT
REPAIR WELL	CHANGE PLANS	(Other) Dual (Note: Report res	súlts of multiple completion on Well
(Other)	En open amove (Clearly state all parting)	Completion or Reco	ompletion Report and Log form.) ates, including estimated date of starting any
proposed work. If well is nent to this work.) *	directionally drilled, give subsurface loca	tions and measured and true ve	ertical depths for all markers and sones perti-
64 joints. Cemer sacks cement plug GR Density Calipe cement followed bliner, 135 joints WOC. Cleaned out 7240-7316' frac with 51,000 gallons water and frac with 98,000 foot 4362-4742, ff 7321' PB. Releas tubing, set in paleakage and deliver	at 1725-2000'. Set km er log. Set 77 joints 7 by 175 sacks. Good circles 10.5# and 11.6# J-55 cat to 7321' PBTD. Spotted the 55,000 gallons water and 40,000 24,000 pounds sand. Pugallons water and 80,000 are with 102,000 gallons sed rig 11-1-65. Set proceed rig 11-1-65. Set proceed residing tests.	acks and 75 sacks in uckle joint 1830'. " 23# J-55 casing sulation. WOC. Driasing set at 2999-7 in 300 gallons acider and 35,000 pounds of pounds sand. Per erf Lookout with 20 pounds sand. Per swater and 80,000 poduction packer at	rf 7076-7124 frac with 35,000 holes per foot 4890-5069, rf Cliffhouse with 1 hole per pounds sand. Cleaned out to 7012'. Ran 220 joints 2-3/8"
18. I hereby certify that the foreg	O Suchal TITLE SE	nior Production Cle	DATE November 17, 1965
Harold C. (This space for Federal or Sta	TITCHOLD		OP TO SECURE
APPROVED BY	TITLE		SECONDATE OF SECONDA
CONDITIONS OF APPROVAL	, IF ANY:	RECEIV	/EDEN SE HARR
Distribution:			Donal a Bord a B
	GS, Farmington	CNOV 18	196 ²
l Copy - Cont l Copy - File		on Reverse SML V 18°	1000

U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.