STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION P O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-101 Revised 10-1-78

	SANTA FE					Keybed 10-1-70				
	FILE					[<u></u>		- ()		
	U.S.G.S.		_				icate Type		_	
	LAND OFFICE					Sta	ate 🗌	Fee	×	
	OPERATOR				1 00504	5. Stat	e Oil & Ga	s Lease No.		
			API N	o. 30-04	1-20584					
APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK										
1a. Type of Work DRILL [] DEEPEN [정] PLUG BACK []							7. Unit Agreement Name			
b	Type of Well Oil Gas Well ⊠ Well [] Other F	roposed SWD	Single) Zone 🛛	Multiple Zone		n or Lease mbirth			
2.	Name of Operator Phillips Pe	etroleum Comp	bany			9. Wei 6	No.	· · · · · · · · · · · · · · · · · · ·		
3. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762							10. Field and Pool, or Wildcat Peterson, S. Fusselman			
4.	Location of Well Unit Letter Located 1830 feet From the South Line									
_	And 1980 Feet	From The East	Line of Sec.	30 TWP.	5-S RGE 33-E NMPM		<u>1111</u>		$\overline{7}\overline{7}$	
	12. County Roosevelt									
					19 Proposed Depth 8130'	19A. Formatio Fusselman		20. Rotary or C. Rotary	Τ.	
		21A Kind & Statu Blanket	is Plug. Bond	218. Drilling Contractor Will advise la		22. Approx. Date Work Will Start Upon approval				
23	ł.		PROPOSED	CASING AND	CEMENT PROGRAM			······································		
	SIZE OF HOLE	SIZE OF CASING	WEIGHT	PER FOOT	SETTING DEPTH	SACKS OF CE	MENT	EST. TOP		
	17-1/2"	13-3/8"	48 # H-		355'	300 Sx		Sur	face	
	11"	8-578"	24 # K-	-55	3434'	2300 Sx			face	
7-7/8" 5-1/2"		14, 15. K-55	5#, 17#	8100'	475 Sx		6120'/T.S.			
							<u></u>	l		

Well is presently completed in Peterson, S. Penn Pool, producing interval is from 7607'-7613'. Propose to deepen and recomplete in the Fusselman as follows: MI and RU Reverse Unit. NU BOP. COOH with tubing and packer. GIH with bit to drill out cement and retainer located at 7741'. Clean out to 7960' (top of retainer at 7963'). Spot 3 bbls of 10% Acetic Acid. COOH with bit. MI and RU. Install lubricator. RU and GIH with 4" OD casing gun loaded with deep penetrating DML charges @ 2 SPF, spiral phasing. Perforate the following interval (from top to bottom): 7892'-7944' 52 feet 104 shots. GIH with RTTS-type packer on 2-3/8" tubing; test to 5000 psi as GIH. Set packer at <u>+</u>7850'. Swab well to clean up perforations. Acidize perforations with 4,200 gallons of 28% NEFe HCl acid. Swab test well to recover total treatment volume of

In above space describe proposed program: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. Give blowout preventer program, if any.

I hereby certify that the in	REVERSE	E SIDE	
	W. J. Mueller πιτε Engineering Supervisor, Resv.	DATE	November 15, 1988
	SINAL SIGNED BY JERRY SEXTON TITLE	DATE	NOV 2 1/ 138
CONDITIONS OF APPROVAL R-8780 SWC	HANY: BEFORE disposal Commenced PENNPE	N Pelfono i 6 Months	ive-ion From Approval
	Date Joless Drillin		

of 164 bbls; catch water sample for lab analysis. Run step-rate injection test using half (1/2) hour injection intervals. Suggested injection rates are: 500, 1000, 1500, 2000, 2500, 3000, 3500 and 4000 BPD (total of 8 injection rates). Continuously record surface pressures throughout the test and obtain instantaneous SD pressures after each rate. RD injection lines and leave well SI with tubing and packer in hole until further orders.

BOP Equip: Series 900, 3000# WP (Figure 7-10 or 7-09). Schematic attached.

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NOV 171945 BEBRINS

Cunue Nato

MEXICO OIL CONSERVATION COMM WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the exter boundaries of the Section | _perator Lease Well No. Philli ns Petroleum Co Lambirth 6 Init Letter Township Range County 30 <u>5 South</u> 33 East Roosevelt Co. N.M Actual Evolage Location of Well; leet from the South 1830 1980line and teet from the East line Ground Level Elev. **Producing Formation** Pocl Dedicated Actinget Fusselman + MONTOUG Peterson, S. Fusselman-4376.1 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? ·Yes No If answer is "yes." type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. ית CERTIFICATION А I hereby certify that the information conned here in is true and complete to the ledge and belief Η { W MuelTe Pasition Engineering Supervisor, Res-Com; m. Phillips Petroleum Company Cate November 15, 1988 I heraby certify that the well location NEER on this plat was platted from lield 1980 #6 my supervision, and that the same true and correct to the best of my 676 knowledge and belief. σ Date Surveyed 830 12-1-1980 Registered Professional Engineer and/er Land Surveyor

Ronald J. Eidson 3239

Form Cales Supersedes C.12. Effective 14-65



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