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STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF NATURAL RESOURCES

RECEIVED

MAY 22 1992

COLO. OIL &amp; GAS CONSERV. COMM.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER AND OPERATE				5. LEASE DESIGNATION AND SERIAL NO. C-30526 (FEDERAL)	
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> RE-ENTER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				7. UNIT AGREEMENT NAME TOW CREEK	
2. OPERATOR: PACIFIC ENTERPRISES OIL COMPANY (USA) ADDRESS: P.O. BOX 2500 CITY: CASPER STATE: WY ZIP: 82602				8. FARM OR LEASE NAME PEOC-NVG	
3. PHONE NO. (307) 237-8461				9. WELL NO. 32-26	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1836' FNL & 1934' FEL (SWNE) At proposed Prod. zone 1312' FNL & 1501' FEL (NWNE)				10. FIELD AND POOL, OR WILDCAT CURTIS	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 26, T6N-R86W				12. COUNTY ROUTT	
13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE APPROXIMATELY 2 MILES SOUTHEAST OF MILNER, COLORADO				16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 160 (NE 1/4)	
14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 1,160'		15. NO. OF ACRES IN LEASE* 760		17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEAST, FT. 4,100	
18. PROPOSED DEPTH 4,618' TVD		19. OBJECTIVE FORMATION WOLF MOUNTAIN		20. ELEVATIONS (Show whether GR or KB) 6,892' GR	
21. DRILLING CONTRACTOR		PHONE NO.		22. APPROX. DATE WORK WILL START JUNE 15, 1992	
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	SIZE OF CASTING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
13-3/4"	9-5/8"	36#	2,500'	TO SURF - APPROX 1500 SX	
(SAME HOLE)	2-3/8"	4.6#	2,400'	(AS ABOVE)	
8-3/4"	5-1/2"	17#	4,800' (MD)	APPROX 125 SX	
24. IS SURFACE OWNER ALSO THE MINERAL OWNER? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If NOT surface bond must be on file or copy of surface agreement must be furnished.				PLEASE FILL IN APPROPRIATE CODES:	
*DESCRIBE LEASE BY QTR., QTR., SEC., TOWNSHIP., RNG. TOWNSHIP 5 NORTH, RANGE 86 WEST SECTION 3: W 1/2 SE 1/4 TOWNSHIP 6 NORTH, RANGE 86 WEST SECTION 23: NW 1/4 SW 1/4 SECTION 26: NE 1/4 SE 1/4 SW 1/4 W 1/2 SE 1/4 SECTION 35: NE 1/4 E 1/2 NW 1/4 SW 1/4 NW 1/4 N 1/2 SE 1/4				OPER. NO. 66580 DRLR. NO. FIELD NO. 14250 LEASE NO. FORM CD. NBRR	
Blanket Bond				Axial Basin	
24. DON REESE SIGNED <u>Don Reese</u> TITLE DRILLING ENGINEER DATE 5-15-92					
(This space for Federal or State Use)					
PERMIT NO. 92-541		APPROVAL DATE MAY 27 1992		EXPIRATION DATE SEP 24 1992	
APPROVED BY <u>Dennis R. Bicknell</u>		TITLE Director		DATE MAY 27 1992	
CONDITIONS OF APPROVAL, IF ANY:		Oil & Gas. Conserv. Comm.			

See Instructions On Reverse Side

A.P.I. NUMBER

05 107 6178



## INSTRUCTIONS

Before any person shall commence operations for the drilling of any well, such person shall file with the Director an application on Form 2 for a permit to drill, along with a filing and service fee of Seventy-five Dollars (\$75) and must secure the Director's approval before proceeding with such operation. Wells drilled for stratigraphic information only shall be exempt from paying the filing and service fee.

Before any person shall commence operations for the deepening of a well to any source of supply other than the existing producing horizon or for the reentry of a well, such person shall file an application on Form 2 and secure approval of the Director.

Form 2 shall be filed in duplicate for wells on all Patented and Federal lands, and in triplicate for wells on all State lands. An accurate plat or map showing the location of the well and showing measurements necessary for the determination thereof shall be filed with the Director. Unless operations are commenced within one hundred twenty (120) days after the date of approval, the permit will become null and void; however, for good cause shown, the Director may grant an extension not to exceed an additional one hundred twenty (120) days.

Fill in all applicable spaces.

1. PEOC (USA) will drill a 13-3/4" hole to 2,500', set 9-5/8" surface casing with a parasite string of 2-3/8" casing attached to 2,400', and will cement to the surface.
2. An 8-3/4" hole will be drilled to 4,935'. PEOC will then plug back to 3,300', build angle at the rate of 12° per one hundred feet in a N39°E direction to a total angle of 31°.
3. The expected bottomhole will be at a location 1312' FNL and 1501' FEL, with a measured depth of 4,800' and a true vertical depth of 4,618'.
4. Anticipated Formation Tops (at true vertical depth):

Upper Mancos	410'
Lower Mancos	1,550'
Niobrara	3,750'
Tow Creek	4,185'
Wolf Mountain	4,445'
Carlile	4,885'
T.D.	4,935'
5. The drilling mud utilized will be water based with 5% KCl. Expected mud weight will be 8.6 to 9.2 ppg.