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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-1686 Original

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	7. Unit Agreement Name		
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name State Gas Com "BG"		
2. Name of Operator PAN AMERICAN PETROLEUM CORPORATION	9. Well No. 1		
3. Address of Operator 501 Airport Drive, Farmington, New Mexico 87401	10. Field and Pool, or Wildcat Blanco Mesaverde		
4. Location of Well UNIT LETTER F LOCATED 1450 FEET FROM THE North LINE AND 1490 FEET FROM THE West LINE OF SEC. 2 TWP. 29-N RGE. 10-W NMPM	12. County San Juan		
19. Proposed Depth 5000' PBD	19A. Formation Mesaverde	20. Rotary or C.T.	
21. Elevations (Show whether DF, RT, etc.) 5959' RDB	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start 5-4-70

23.

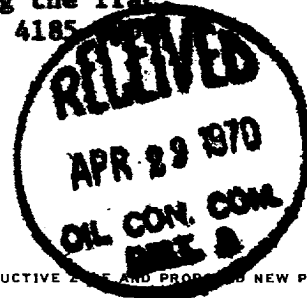
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	368'	225	Surface
7-7/8"	4-1/2"	10.5#	7023'	1675	Surface

We plan to plug and abandon the Dakota zone and recompleate to the Mesaverde zone in the following manner:

1. Set a retainer at about 5000' and squeeze the Dakota with 225 sacks cement.
2. Perforate 4580-90', 4615-25', 4683-88', 4697-4705', 4725-35', 4755-60' and 4783-88' with 2 SPF.
3. Frac with 50,000 gallons water containing 0.8% KCl, 20,000 lbs. 20-40 and 30,000 lbs. 10-20 sand. Drop 90 balls in 3 equal stages during the frac.
4. Perforate 4045-60', 4070-95', 4110-20', 4135-50', 4173-78' and 4185-78' with 2 SPF.
5. Frac as in Step 3 except drop 150 balls in 3 equal stages.
6. Clean out to PBD, swab in and test.

Unorthodox Mesaverde location approved per Order No. R-3950.



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 information above is true and complete to the best of my knowledge and belief.

Original Signed By

Signed G. W. EATON, JR. Title Area Engineer Date April 27, 1970

(This space for State Use)

APPROVED BY *Ernest Chavez* TITLE SUPERVISOR DIST. #3 DATE APR 29 1970

CONDITIONS OF APPROVAL, IF ANY:

