

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-045-24698
Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator C & E Operators		8. Farm or Lease Name Fee
3. Address of Operator One Energy Square, Suite 170, Dallas, Texas 75206		9. Well No. 9
4. Location of Well UNIT LETTER D LOCATED 152 FEET FROM THE North LINE AND 900 FEET FROM THE West LINE OF SEC. 9 TWP. 30N RGE. 11W NMPM		10. Field and Pool, or Wildcat Aztec PC & Blanco
		12. County San Juan
19. Proposed Depth 4800'		19A. Formation Mancos
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DJ, RT, etc.) 5629' Gr.	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Y-W Drilling Co.
22. Approx. Date Work will start On Approval		

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"	9-5/8"	36	250+	130 3% CaCl	Surface
8-3/4"	7	23	4800	280	3000 1st sta.
Stage collar @ approx. 2215' & cement w/320					Surface

Propose to set 9-5/8" casing with spud mud. Cement back to surface. WOC - 8 hrs. Install BOP's and bleed off lines. Press. test to 600 psi - 30 min. Drill 8-3/4" hole with light gel-chemical mud to TD. Run IES & GR D/N Logs. Run 7" casing and stage cement. Perf. & stimulate Mesaverde zone; set BP; Perf. & stimulate Pictured Cliffs zone. Clear up PC; mill out plug; clean up Mesaverde. Set Baker Mod. "D" packer. Ran 2-3/8" tubing with seals on Mesaverde. Run 1-1/4" IJ tubing on Pictured Cliffs. Install dual well head; clean up and test.

(Location inside City limits of Aztec).

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 2-23-81



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.

Signed John M. Heller NM Reg. Eng. No. 4361, P.O. Box 1507, Durango, CO
Title Consultant Date 11-24-80

(This space for State Use)

Original Signed by CHARLES GHOLSON

APPROVED BY _____ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV 25 1980

CONDITIONS OF APPROVAL, IF ANY:

Hold
C-104 for
Domingo
W.S.