

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-045-24696

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILL	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ FEDERAL ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well 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"/>		8. Farm or Lease Name Aztec
2. Name of Operator C & E Operators		9. Well No. 8-A
3. Address of Operator One Energy Square, Suite 170 Dallas, Texas 75206		10. Field and Block, or Well Unit Aztec 1C Blanco MV 6-1 15-100 5-28-88 160 5-13-80
4. Location of Well UNIT LETTER P LOCATED 800 FEET FROM THE South LINE AND 865 FEET FROM THE East LINE OF SEC. 8 TWP. 30N RGE. 11W NMPM		12. County San Juan
19. Proposed Depth 4700		19A. Formation Mancos
20. Rotary		Rotary
21. Elevation (show whether DF, RI, etc.) 5573' Gr.		21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Y-W Drilling Co.		22. Approx. Date Work will start On Approval

PROPOSED CASING AND CEMENT PROGRAM

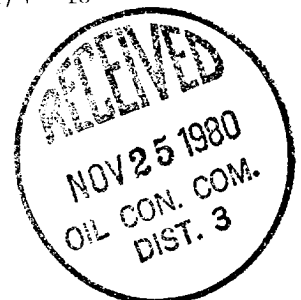
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24	250+	175 3% CaCl	Surface
7-7/8"	5-1/2"	15.5	4700	300 sx	3000'
Stage collar at approx. 2075' & cemented w/375 sx.					Surface

Propose to set 8-5/8" casing w/spud mud. Cement to surface. WOC - 8 hrs. Install BOP's and bleed off manifold. Press. test to 600 psi. - 30 min. Drill 7-7/8" hole with light gel-chemical mud to TD. Run IES & GRD/N Logs. Run 5-1/2" casing and stage cement. Perf. & stimulate Mesaverde; set BP; Perf. & stimulate Pictured Cliffs zone. Clean out PC zone, mill out plug and clean out Mesaverde zone. Run Baker Mod "D" prod. packer. Run 1-1/2" EUE tubing and 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, Box 1507, Durango, CO  
Title Consultant Date 11-24-80

(This space for State Use)

DEPUTY OIL & GAS INSPECTOR, DIST. #3

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV 25 1980

CONDITIONS OF APPROVAL, IF ANY:

*John M. Heller*

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

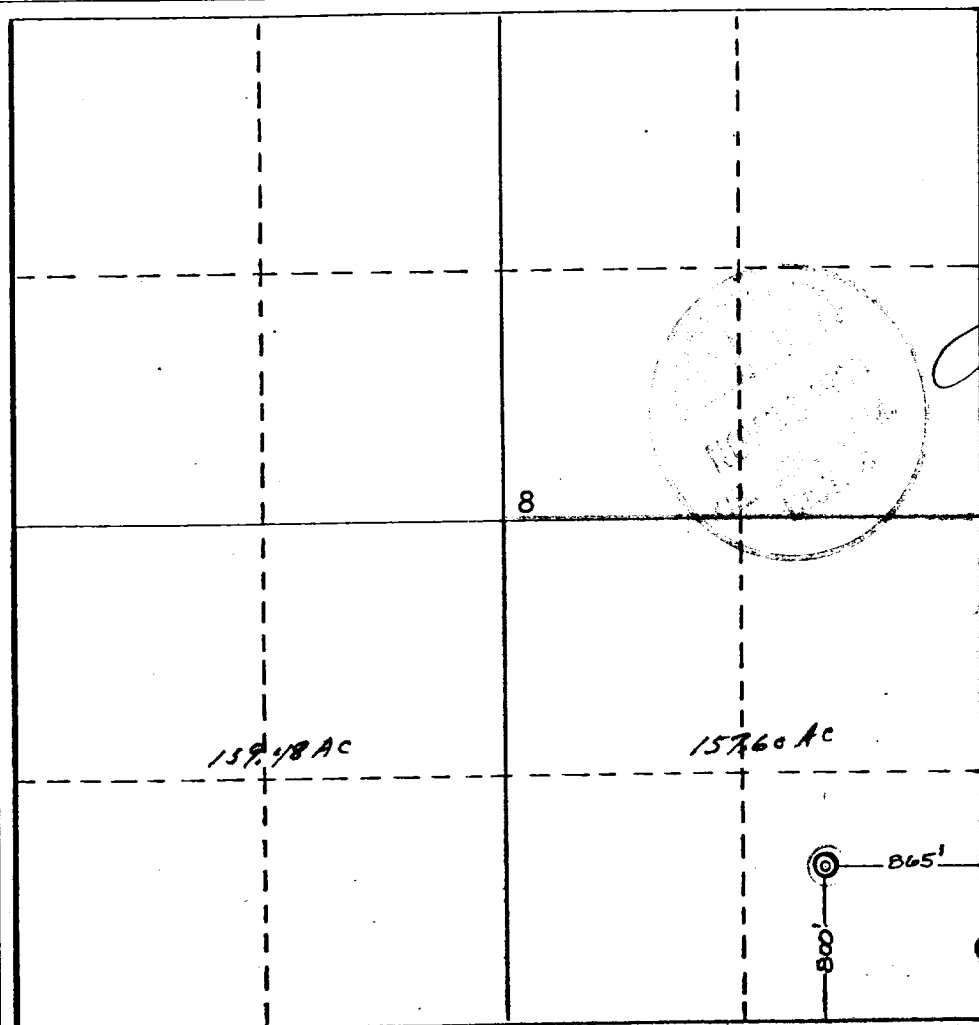
Operator <b>C &amp; E OPERATORS</b>		Lease <b>AZTEC</b>		Well No. <b>8A</b>
Unit Letter <b>P</b>	Section <b>8</b>	Township <b>30 NORTH</b>	Range <b>11 WEST</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <b>800</b> feet from the <b>SOUTH</b> line and <b>865</b> feet from the <b>EAST</b> line <b>MV</b>				
Ground Level Elev: <b>5573</b>	Producing Formation <b>Mesaverde Pictured Cliffs</b>	Pool <b>Blanco NV Aztec PC</b>	Dedicated Acreage: <b>317.03</b> <b>157.60</b> - Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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? **N/A**

☐ 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.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **John M. Keller**  
Position **Consultant**  
Company **C & E Operators**  
Date **Nov. 24, 1980**

I hereby certify that the well location shown on this plat is from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.

**REGISTERED PROFESSIONAL ENGINEER  
STATE OF NEW MEXICO  
NO. 1463  
JAMES P. LEESE**

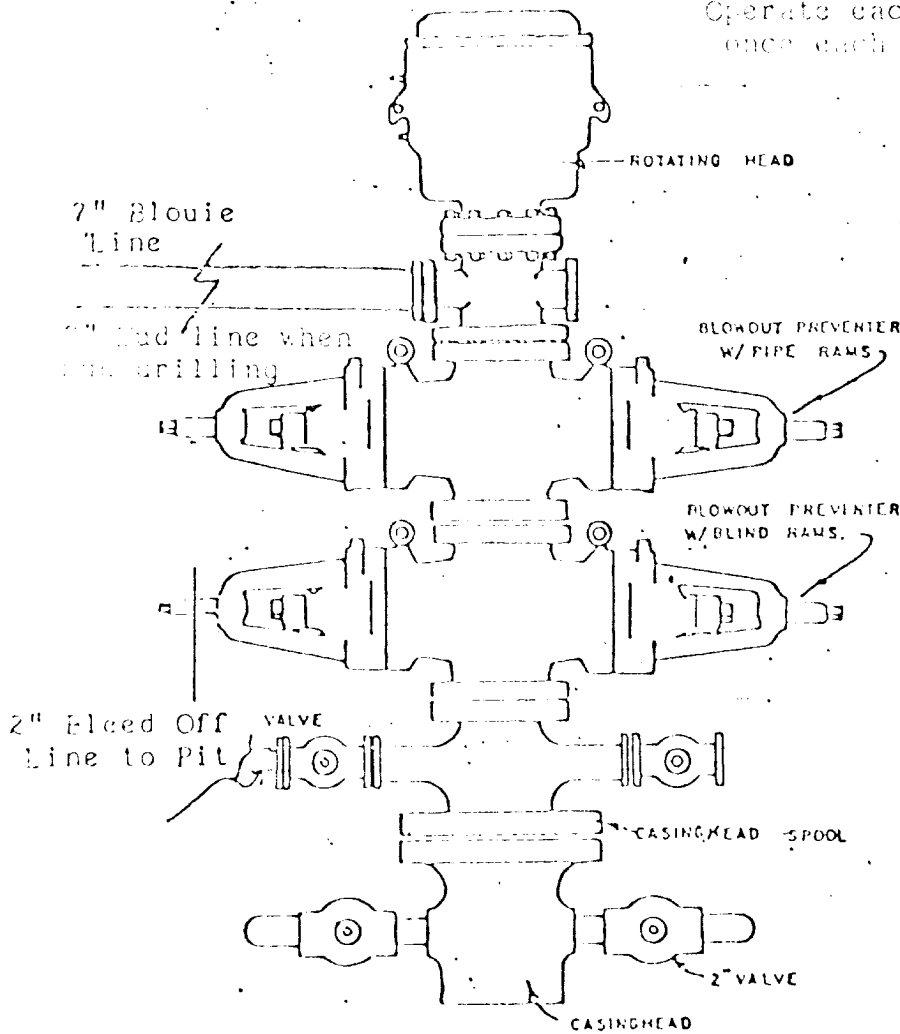
Date Surveyed **September 15, 1979**  
Registered Professional Engineer  
for Land Surveyor  
**James P. Leese**

Certificate No.  
**1463**

# C & E Operators

Typical Blowout Preventer  
Installation for Mesaverde  
Pictured Cliffs Wells.  
10" Series 240 3000 psi.

Pressure test to 600 psi. on  
surface casing.  
Pressure test to 300 psi. on  
intermediate casing strings.  
Operate each trip and or at least  
once each 24 hour period.



BLOWOUT PREVENTER HOOKUP