

See No. 8

JOHN M. HELLER
REGISTERED ENGINEER
(Petroleum)

December 16, 1980

VSL - 1304
Aztec Pictured Cliffs
and Blanco Mesas area
Rule 104 F
1-8-81

El Paso Natural Gas Co.
P. O. Box 289
Farmington, New Mexico 87401
Attn: John Alm

Re: C & E Operators, Inc.
Rule 104-F
Unorthodox locations
Secs. 8 & 9; T30N; R11W
San Juan Co., New Mexico

Gentlemen:

On November 25, 1980, you were mailed copies of the captioned operators New Mexico Application to Drill Form C-101; Application to Dual Complete, Form C-107 along with other pertinent data. It was mentioned in the transmittal letter that some of these wells were unorthodox locations.

This letter is to specifically detail those locations:

Fee No. 8 is staked 2280' fNL; 790' fEL
Unit H, Sec. 8-30N-11W
Fee No. 9 is staked 152' fNL; 900' fWL
Unit D, Sec. 9-30N-11W

Both of these locations are within development areas of the City of Aztec as shown by attached plats. It is not feasible to select a drill site to conform to standard location measurements.

See hsk-1303
for further info.

Very truly yours,

Original Signed By
JOHN M. HELLER

John M. Heller
Consultant for C & E
Operators, Inc.

Front 6 boxes
approved by
1 shown

Attachments:

New Mexico Form C-101
New Mexico Form C-102
Plat of Area
Air Photo Plat of Area
Sub-Division Plat of Area

JMH/nm

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2080

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ PERM ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒		8. Form of Lease Name
2. Name of Operator C & E Operators		9. Well No. 8
3. Address of Operator One Energy Square, Suite 170, Dallas, Texas 75206		10. Field and Location of Well Aztec PC & Blanco PC
4. Location of Well UNIT LETTER H LOCATED 2280 FEET FROM THE North LINE AND 790 FEET FROM THE East LINE OF SEC. 8 TWP. 30N RGE. 11W NMPM		12. County San Juan
19. Proposed Depth 4750		19A. Formation Mancos
20. Rotary or MWD Rotary		
21. Elevations (Show whether DE, RT, etc.) 5616' Gr.	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Y-W Drilling Co.
22. Approx. Date Work Will on Approval		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TD
12-1/4"	9-5/8"	36	250+	130 3% CaCl	Surface
8-3/4"	7"	23	4750	280	3000' 1st set
	Stage collar	@ approx. 2150'	& 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. Clean up PC; mill out plug; clean up Mesaverde. Set Baker Mod. "D" packer. Run 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).

DEC 19 1980
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

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

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-100
Superseded by C-101
Effective 1-1-83

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

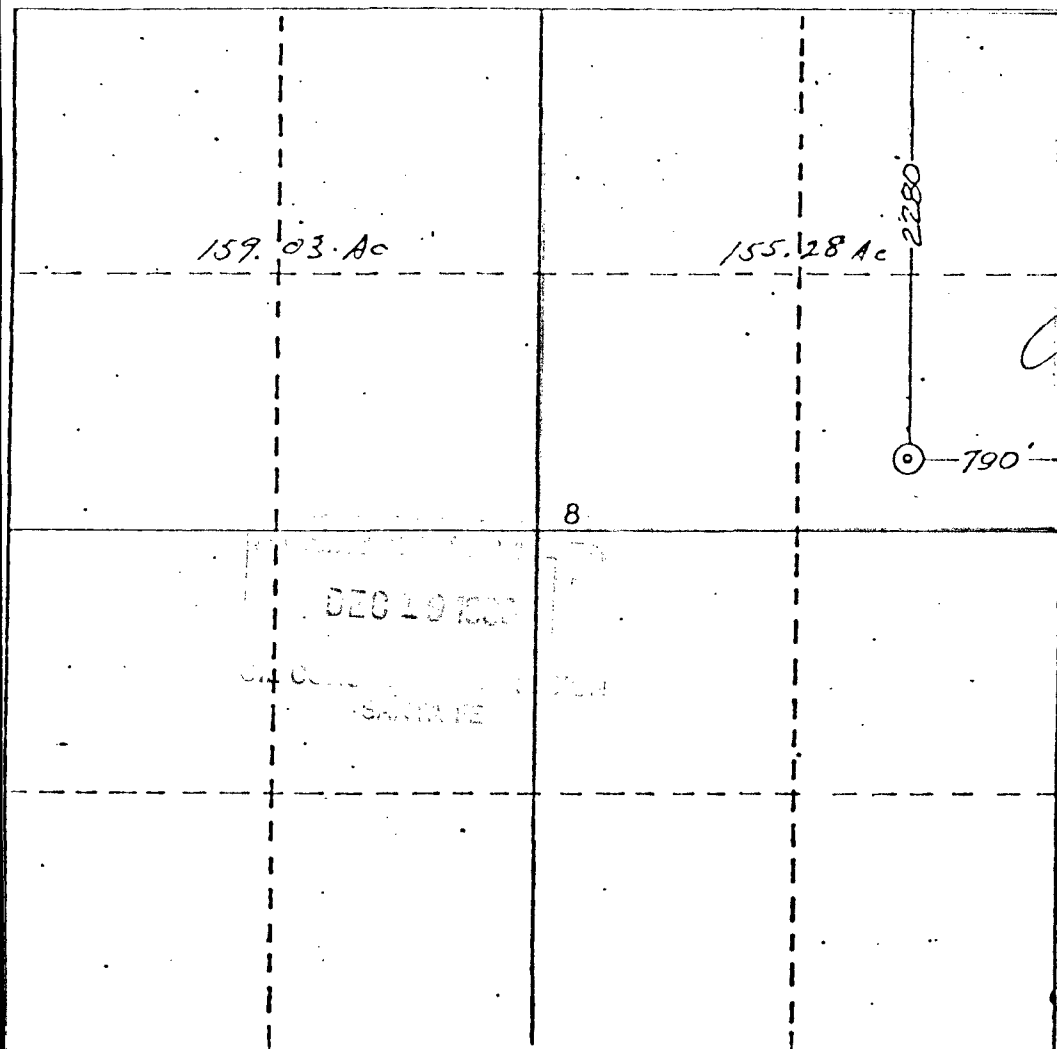
Operator C & E OPERATORS, INC.			Lease FEE		Well No. 8
Unit Letter H	Section 8	Township 30NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well:					
2280 feet from the NORTH line and		790 feet from the EAST line			
Ground Level Elev. 5616	Producing Formation Nesaverde Pictured Cliffs	Pool Blanco MV Aztec FC	Dedicated Acreage 159.03 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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? **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.) _____

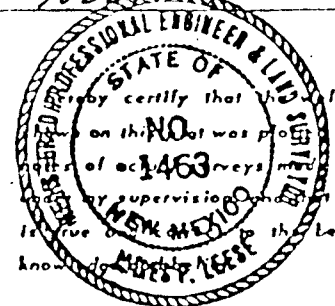
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



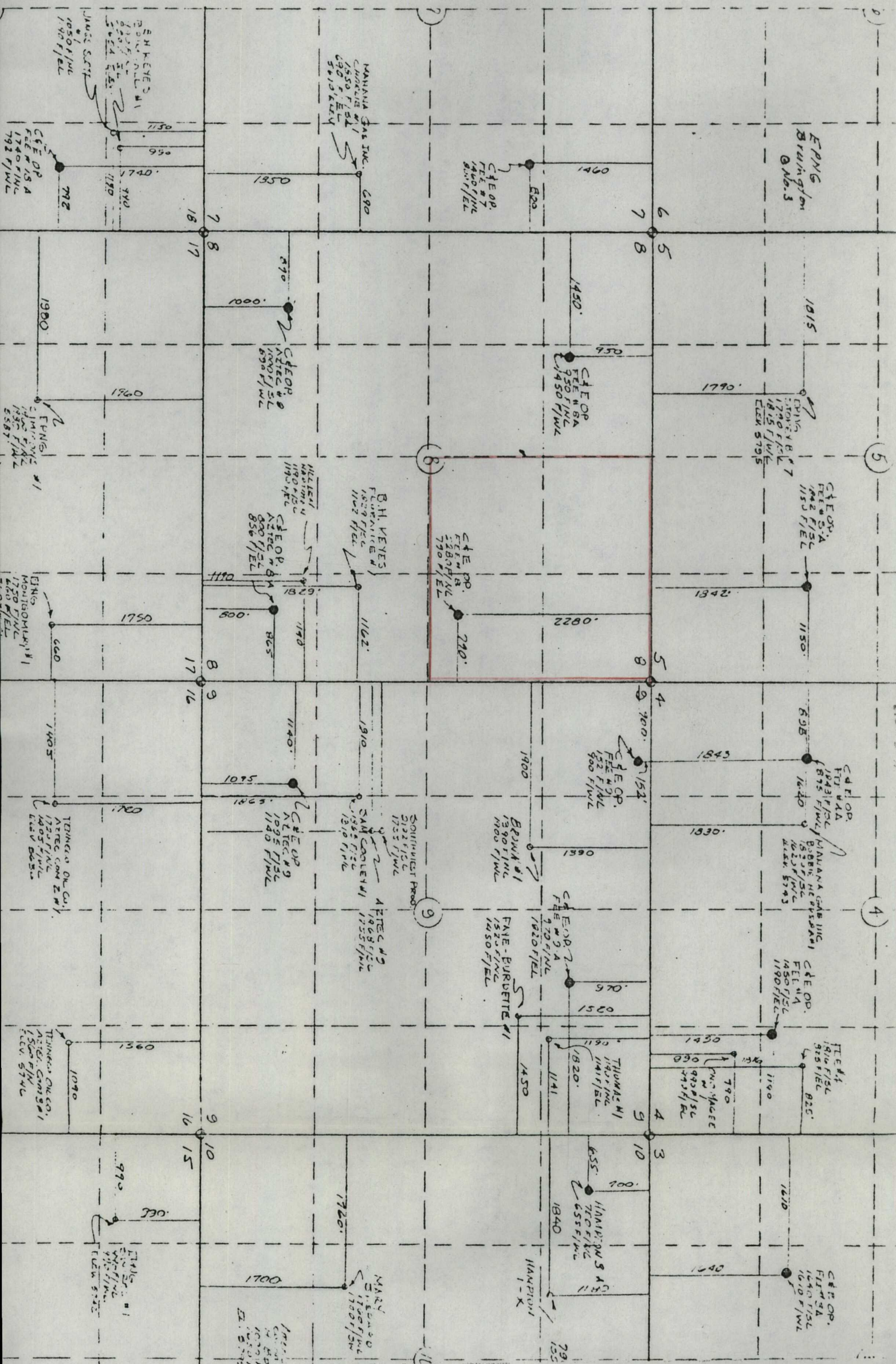
CERTIFICATION

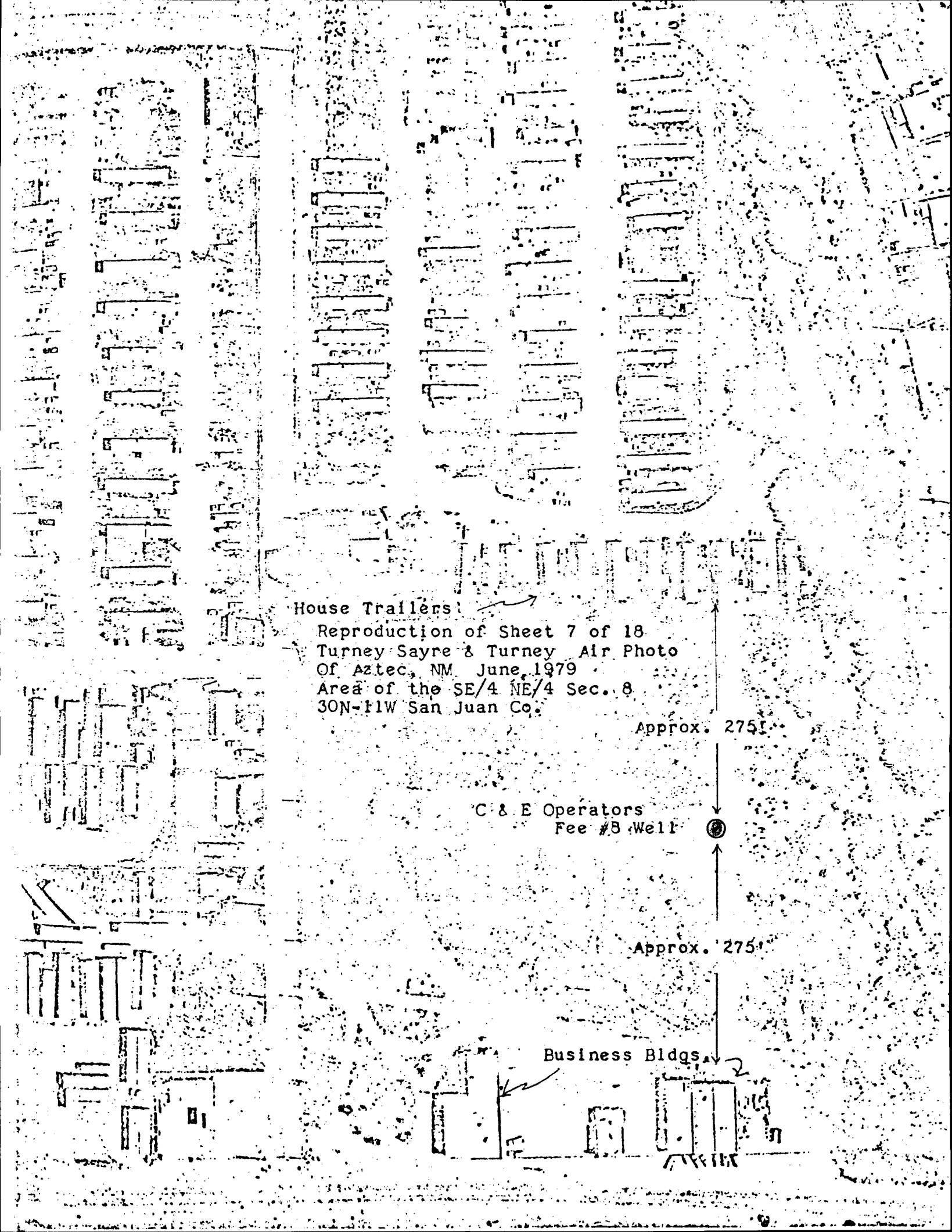
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

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



Date Surveyed
OCTOBER 27, 1980
Registered Professional Engineer
and/or Land Surveyor
James P. Leese
Certificate No.
1463





House Trailers

Reproduction of Sheet 7 of 18
Turney Sayre & Turney Air Photo
Of Aztec, NM June 1979
Area of the SE/4 NE/4 Sec. 8
30N-11W San Juan Co.

Approx. 275'

C & E Operators
Fee #8 Well

Approx. 275'

Business Bldgs

SAN JUAN ENGINEERING CO., INC.

Registered Professional Engineers And Land Surveyors

In New Mexico, Colorado, Utah, Arizona
and Oklahoma

Phone (505) 325-7535 - P. O. Box 752

FARMINGTON, NEW MEXICO 87401

CERTIFICATE OF SURVEY

I, James P. Leese, a duly qualified Land Surveyor licensed under the laws of the State of New Mexico
do hereby certify that, on the 3rd day of November, 1980, I did check the boundaries of

that certain piece of property standing in the name of C & E OPERATORS

A 40 foot wide access easement situate in the Southeast One-Quarter
of the Northeast One-Quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 8, T30N, R11W,
N.M.P.M., San Juan County, New Mexico.

and more particularly described as follows, to-wit:

Beginning at a point which is 20.00 feet South from the Northeast
Corner of the East 250.00 feet of Tract 4 of the Dayo Miller
Subdivision;

THENCE: S89°05'07"E 220.00 feet to a point on a curve;

THENCE: Southeasterly on a curve to the Right whose
Radius is 100.00 feet a length of 118.68 feet;

THENCE: S20°40'00"E 15.00 feet to a point back of the
Westerly curb line;

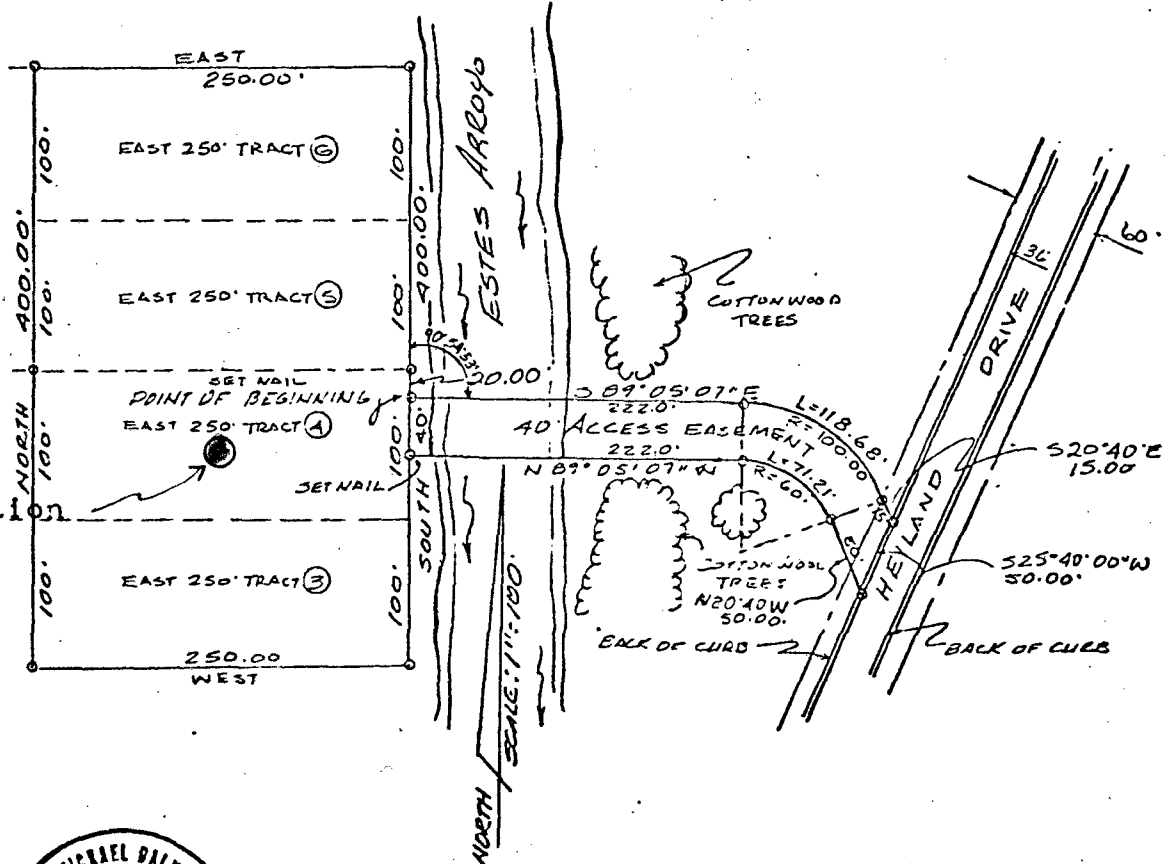
THENCE: S25°40'00"W along said curb line 50.00 feet;

THENCE: N20°40'00"W 50.00 feet to a point on a curve;

THENCE: Northwesterly on a curve to the Left whose radius
is 60.00 feet a length of 71.21 feet;

THENCE: N89°05'07"W 222.00 feet;

THENCE: North 40.00 feet to the point of beginning.
That no encroachment exist on said property; that, to the best of my knowledge and belief, all restrictions applicable
to said property have been complied with, and that the building thereon situate fall within the exterior
boundaries thereof and in the manner set forth on the below inscribed plat, to-wit:



C & E Operators
Fee #8 Well location



In witness whereof I have hereunto set my hand and seal this 4th day of November, 1980

MICHAEL DALY

Registered Professional Engineer and Land Surveyor
New Mexico, Reg. No. 5992
Colorado, Reg. No. 10724
Vermont, Reg. No. 465

JAMES P. LEESE

Registered Professional Engineer and Land Surveyor
New Mexico, Reg. No. 1463 P. E. & L. S.
Colorado, Reg. No. 1855 L. S.
Utah, Reg. No. 1472 L. S.
Arizona, Reg. No. 1849 L. S.

File 115L-1304

OIL CONSERVATION COMMISSION
Chita DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 1-9-81

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL x _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

JAN 16 1981

Gentlemen:

I have examined the application dated 12-16-80
for the E + E Operators Sec 8 H-8-30 N-11 W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

3rd J. Day