

THE APPLICATION OF C & E OPERATORS,
INC. FOR A DUAL COMPLETION.

ORDER NO. MC-2828

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A C & E Operators, Inc. made application to the New Mexico Oil Conservation Division on December 1, 1980, for permission to dually complete its Aztec Well No. 8-A located in Unit P of Section 8, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Aztec-Pictured Cliffs Pool and the Mesaverde formation.

Now, on this 19th day of May, 1981, the Division Director finds:

- (1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- (3) That no objections have been received within the waiting period as prescribed by said rule;
- (4) That the proposed dual completion will not cause waste nor impair correlative rights; and
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, C & E Operators, Inc., be and the same is hereby authorized to dually complete its Aztec Well No. 8-A located in Unit P of Section 8, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Aztec-Pictured Cliffs Pool and the Mesaverde formation through parallel strings of tubing.

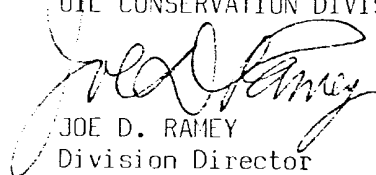
PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

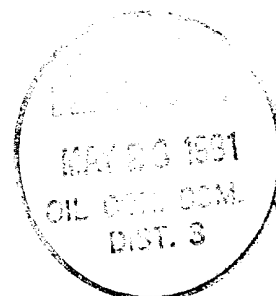
IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Division Director

SEAL



OIL CONSERVATION COMMISSION
Alta DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE December 8, 1980

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

Gentlemen:

I have examined the application dated November 25, 1980
for the E & E Operator Alta 8-A P-8-30N-11W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

Frank J. Chang

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator C & E Operators		County San Juan		Date November 24, 1980
Address One Energy Square, #170, Dallas, TX 75206		Lease Aztec		Well No. 8-A
Location of Well P	Unit 8	Section 30N	Township 11W	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO _____ ?
2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

Well to be drilled.

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Aztec PC		Blanco MV
b. Top and Bottom of Pay Section (Perforations)	Estimated Perfs. 1965'-2040'		Estimate Perfs. 4200'-4485'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flow		Flow

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

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

Manana Gas, Inc., P.O. Box 145, Farmington, N.M. 87401

Beta Development Corp., 125 Petroleum Plaza, Farmington, N.M. 87401

B. H. Keys, P.O. Box 824, Aztec, N.M. 87410

Tenneco Oil Company, P.O. Box 3249, Englewood, Colorado 80155

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO _____. If answer is yes, give date of such notification **November 24, 1980**.

CERTIFICATE: I, the undersigned, state that I am the **Consultant** of the **C & E Operators Inc.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

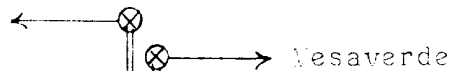

John M. Heller Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

C & E Operators, Inc.
 Diagrammatic Sketch for
 Dual Completion of Pictured
 Cliffs & Mesaverde
 Aztec No. 3-7
 Unit 1, Sec. 3-30N-11W
 San Juan County, N. M.

Pictured Cliffs



Mesaverde

10" Ser. 600 OCT Dual Tree

3-5/8" 24# Surface casing @
 250' plus & cemented w/175 sx.

5-1/2" 15.5# Production casing @
 4700'. Stage collar @ approx. 2075'
 1st. stage w/300 sx. cement w/est.
 top @ 3000'.; 2nd. stage w/375 sx.
 cement back to surface. 2 cent.
 above & below stage collar & petal
 basket below.

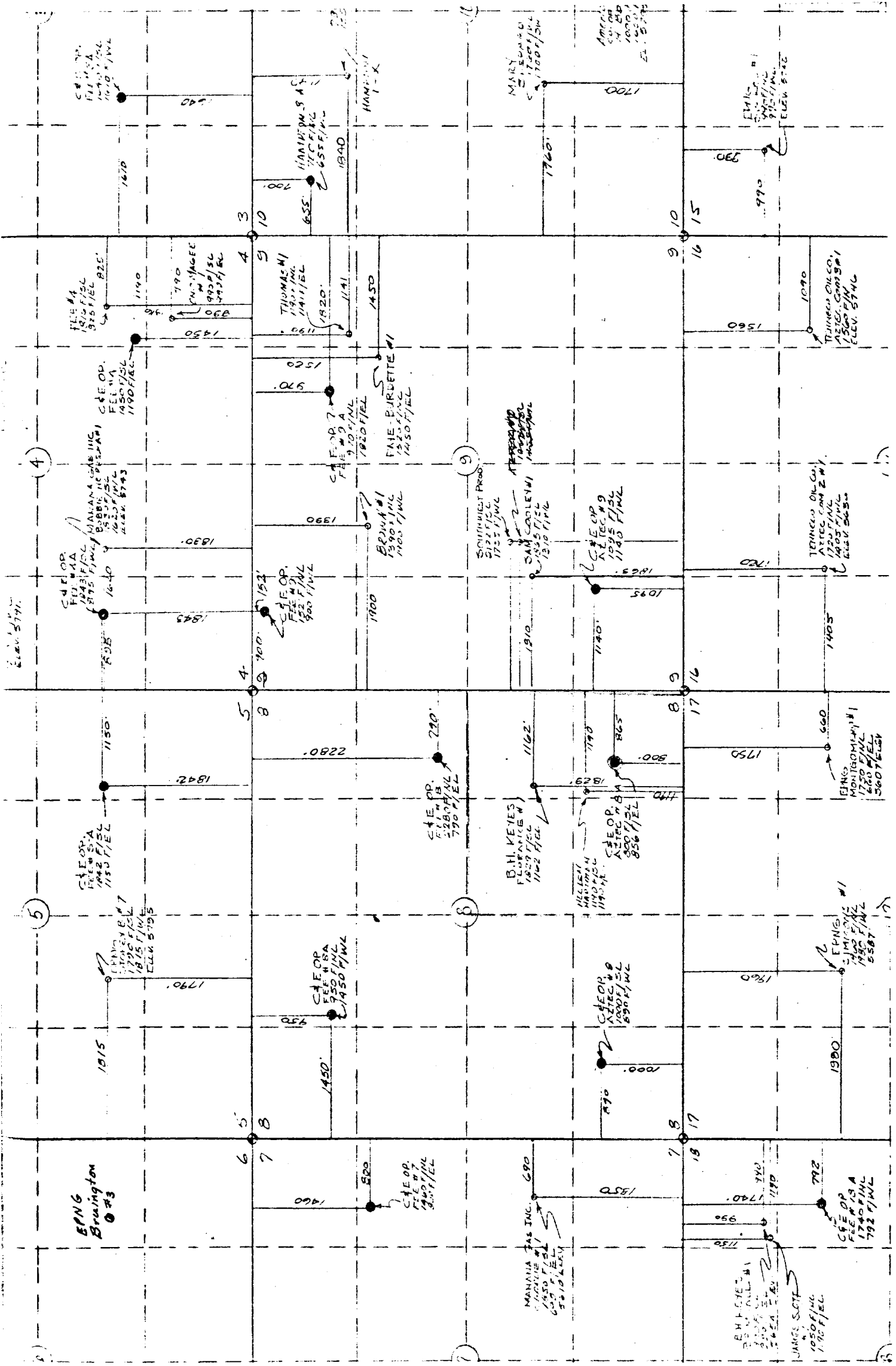
1-1/4" IJ tubing to
 top of FC perfs.

Anticipated Pictured
 Cliffs perfs. @
 1965' to 2040'

Baker Mod. "D" Prod.
 packer @ approx. 2060'

1-1/2" SUE tubing on Mesaverde
 approx. to top perfs. w/Baker
 seal assy. No side door choke.

Anticipated Mesaverde perfs.
 @ 4200 to 4480'



BPN 6
Braington
0.23

MANANA 2.5 INC
1.50 F/EL
1.50 F/EL
5.00 F/EL

B.H. VEVES
1.50 F/EL
1.50 F/EL
5.00 F/EL

JAMES SCOTT
1.50 F/EL
1.50 F/EL

C.E. OP.
1.50 F/EL
1.50 F/EL

C.E. OP.
1.50 F/EL
1.50 F/EL

C.E. OP.
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B.H. VEVES
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C.E. OP.
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C.E. OP.
1.50 F/EL
1.50 F/EL

THOMAS
1.50 F/EL
1.50 F/EL

MARY
1.50 F/EL
1.50 F/EL

TENNESSEE OIL CO.
1.50 F/EL
1.50 F/EL

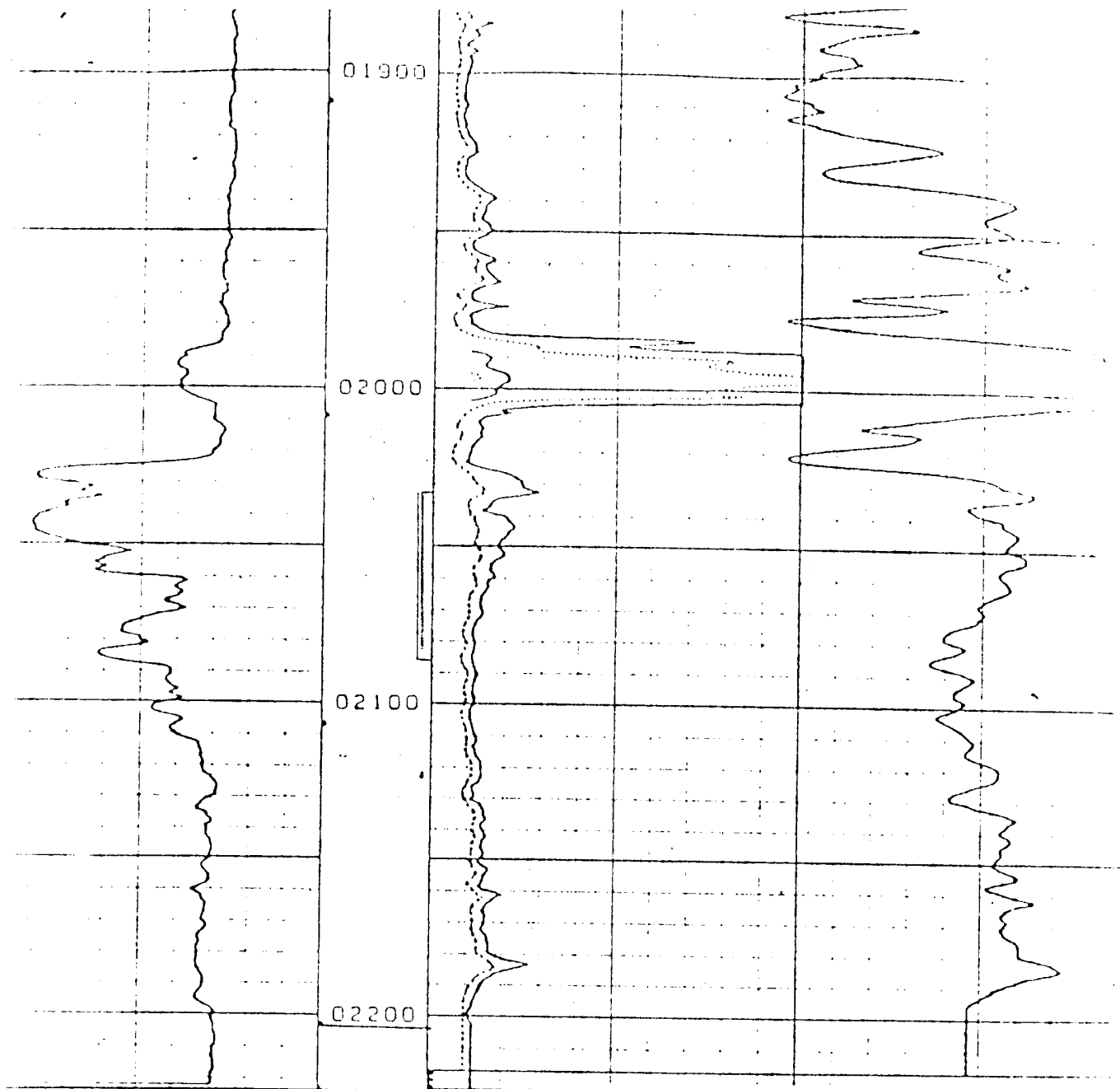
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Run 1

Run

Typical log of Pictured Cliffs zone proposed for Dual Completion Application

Fee No. 12-1 Sec. 12-3-124 Pictured Cliffs zone

Typical log of Pictured Cliffs zone proposed for Dual Completion in Fee No. 9, 9A, 9, & 9A Aztec 8, 8A & 9, Secs. 8 & 9 30N 11W, San Juan County

C. E. Operators, Inc.
LIR Log - Attachment for Dual
Completion Application

Fee No. 12-1 Sec. 12-30N-12W
Mesaverde Zone

Typical log of Mesaverde zone
proposed for Dual Completion in
Fee No. 8, 8A, 9, & 9A & Aztec
8, 8A & 9, Secs. 8 & 9, 30N 11W,
San Juan County

