

OIL CONSERVATION COMMISSION
1000 Rio Brazos Rd.
Aztec, New Mexico

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 2-7-61

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓

Gentlemen:

I have examined the application dated 1-31-61
for the EPNG HULFORD UNIT #116(GD) C-11-26-10
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

OIL CONSERVATION COMMISSION

A. R. Gendrich

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name <u>Ango Peak Gallup Mkt. 1 Basin Dakota</u>		County <u>San Juan</u>	Date <u>January 31, 1958</u>
Operator <u>El Paso Natural Gas Company</u>		Lease <u>Marino Unit</u>	Well No. <u>11 (GD)</u>
Location Unit <u>3</u>	Section <u>11</u>	Township <u>21-7</u>	Range <u>10-W</u>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual 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.:

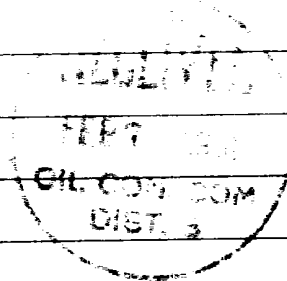
3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<u>Gallup</u>	<u>Dakota</u>
b. Top and Bottom of Pay Section (Perforations)	<u>5000-112</u>	<u>510-104</u>
c. Type of production (Oil or Gas)	<u>Gas</u>	<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>	<u>Flowing</u>

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

- Yes ☐ a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, 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.
- Yes ☐ 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.
- No ☐ c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- No ☐ 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 Company is Unit Operator



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 _____.

CERTIFICATE: I, the undersigned, state that I am the Div. Petroleum Engineer of the El Paso Natural Gas Company (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.

ORIGINAL FILED T.O. GIBLER

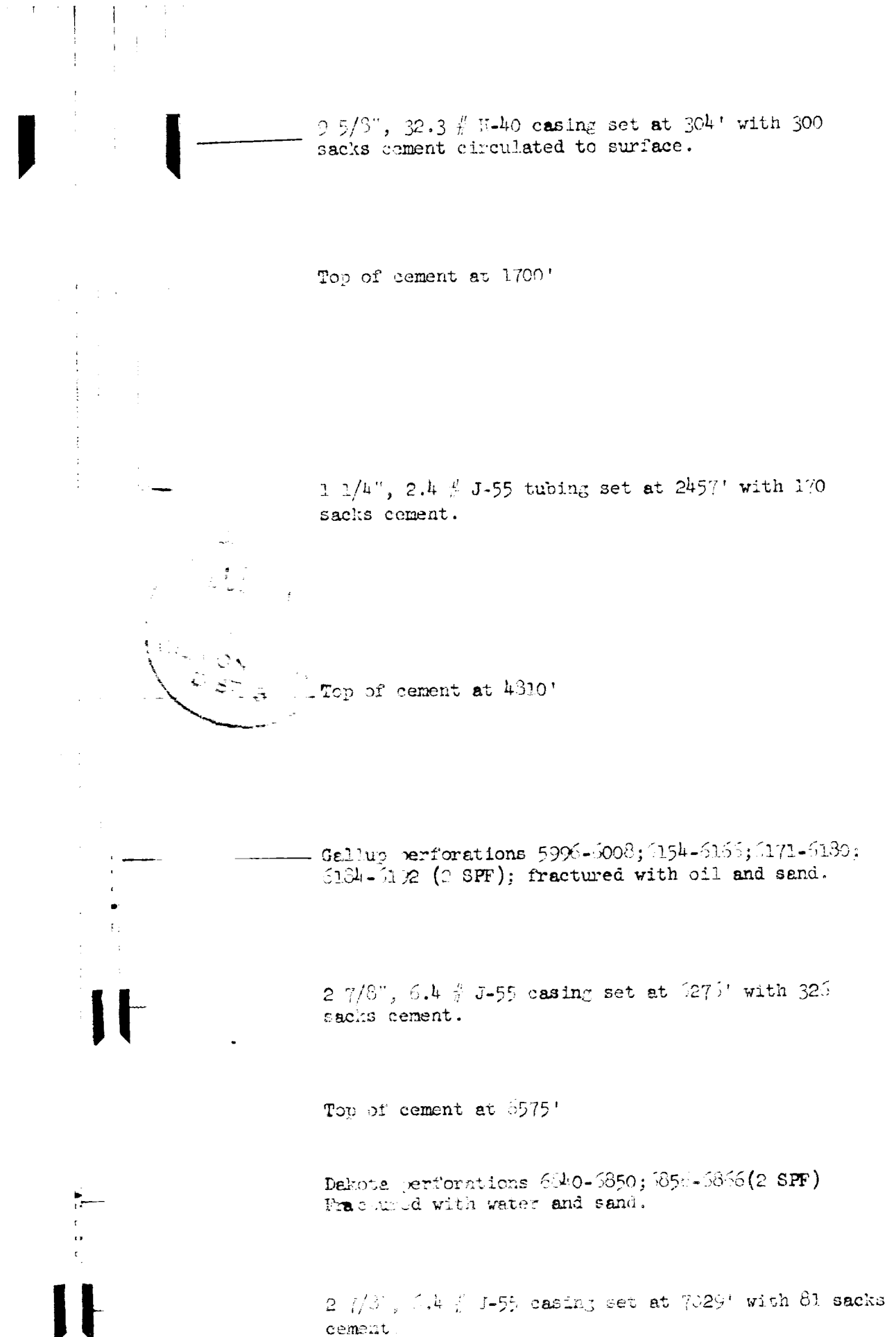
Signature

- * 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 dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Schematic Diagram of Dually Completed
El Paso Natural Gas Huerrfano Unit No. 116(GD)
NW/4 Section 11, T-24-N, R-10-W

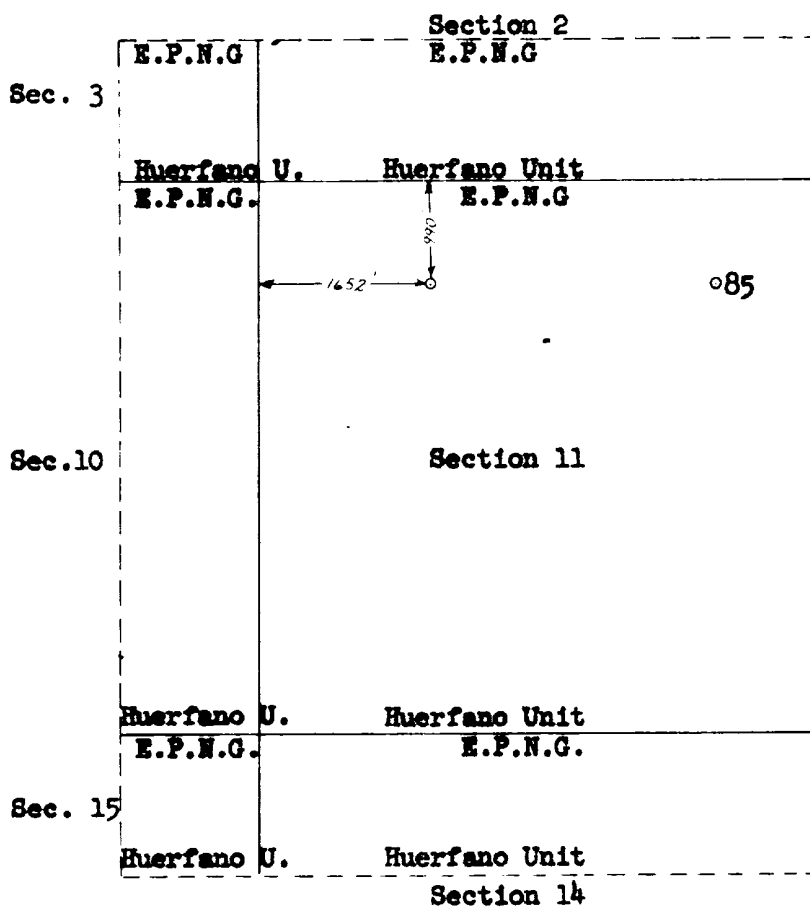
Dual String
Xmas Tree

Zero reference point 10.0' above
top flange of tubing hanger.



Plat showing location of dually completed
El Paso Natural Gas Huerfano Unit No. 116(GD)
and offset acreage

T-26-N
R-10-W



EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

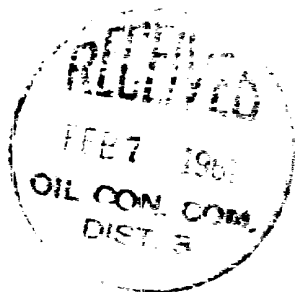
SCALE

DATE

No.

DRAWN BY

CHECKED BY



96

El Paso National City

10. *Chlorophyll a* and *Chlorophyll b* were determined using a Shimadzu UV-1601 spectrophotometer. The concentrations of *Chlorophyll a* and *Chlorophyll b* were calculated using the following equations:

Cameron IRON WORKS IN
P. O. BOX 1213
HOUSTON 1, TEXAS

DRAWING NUMBER	REVIS

DRAWING NUMBER	REVISED
0103 510	

WASH. D.C.

January 11, 1961

Geological Engineering Dept.

Field No. 116

Geological Engineering Dept. U.S. Geological Survey, Washington, D.C.

Gas-Oil ratio test on El Paso Natural Gas Company well
Huerfano Unit No. 116 (Gallup)

K. C. McBride

LOCATION: ... 116 11 11 11 11

... 116 11 11 11 11

January 6, 1961 12:00 Noon

January 7, 1961 12:00 Noon

24 11 11 11 11

11 11 11 11 11

11 11 11 11 11

34,071 11 11 11 11

Flowing 11 11 11 11 11

11 11 11 11 11

240 11 11 11 11

11 11 11 11 11

Gallup

Angels Peak Gallup

11 11 11 11 11

Free oil is still being removed.

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OPEN FLOW TEST DATA

December 20, 1960

DUAL CALIBRATION

El Paso Natural Gas Company

Merriano Unit No. 116 (DK)

San Juan

New Mexico

10.365, 1.501, 11.001 W

Basin

Table

No tubing

10.365 (0.01)

7.50 0/0 7.81

12-5-60

10.365 (0.01)

X

Gen. Inter. sec.

"Slim Hole" Dual

2013 (D)

Calc.

1.030

2013

395

0.740

0.0005

Initial GPD (G) = 977 psig

Final GPD (G) = 1.030 psig

10.365 X 2013 X .0013 X 1.030 X 1.030

2994

0.0005

RECEIVED

SEP 7 1961

OIL CON COM
DIST.

(1.0400) 75(2994) = (1.0299)(2994)

50,100
20,100

3.18

W.L. Smith - A.D. Nicholls - C.H. Wagner

Checked by: V. J. Brown

Lewis D. Galloway
Lewis D. Galloway