

OIL CONSERVATION COMMISSION

Aztec DISTRICT

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 4-6-64

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed DC XX

Gentlemen:

I have examined the application dated March 19, 1964

for the El Paso Natural Gas Co. Turner Hughes, #14 (MD) H 4-27-0
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

A. R. Kendrick
A. R. Kendrick

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Blanco Mesa Verde and Basin Dakota		County San Juan	Date March 19, 1964
Operator El Paso Natural Gas Company		Lease Turner Hughes	Well No. 14 (MD)
Location of Well	Unit H	Section 4	Township 27N
		Range 9W	

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 ☐ **MC 1075**
2. If answer is yes, identify one such instance: Order No. _____; Operator, Lease, and Well No.:

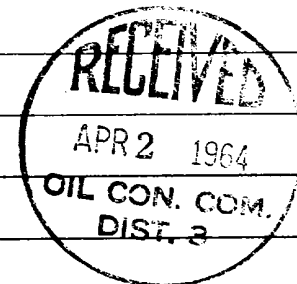
Tenneco Riddle #1 - NINE 9-27-9

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	Mesa Verde	Dakota
b. Top and Bottom of Pay Section (Perforations)	4806-4866	6907-7014
c. Type of production (Oil or Gas)	Gas	Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing

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. *
- Yes** 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.
Delhi Taylor Oil Corporation, Fidelity Union Tower, 1507 Pacific Avenue, Dallas 1, Texas



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 **March 20, 1964**

CERTIFICATE: I, the undersigned, state that I am the **Area 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.

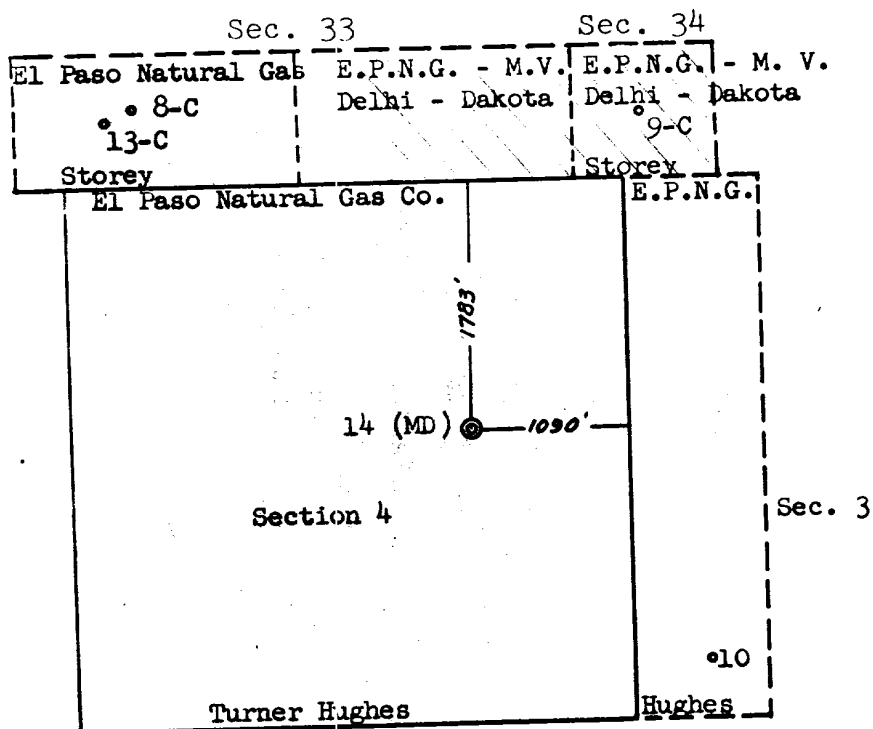
ORIGINAL SIGNED E. S. OBERLY

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.

PLAT SHOWING LOCATION OF DUALY COMPLETED
El Paso Natural Gas Co. Turner Hughes #14 (MD)
and Offset Acreage

T-27-N, R-9-W



EL PASO NATURAL GAS COMPANY
EL PASO, TEXAS

SCALE

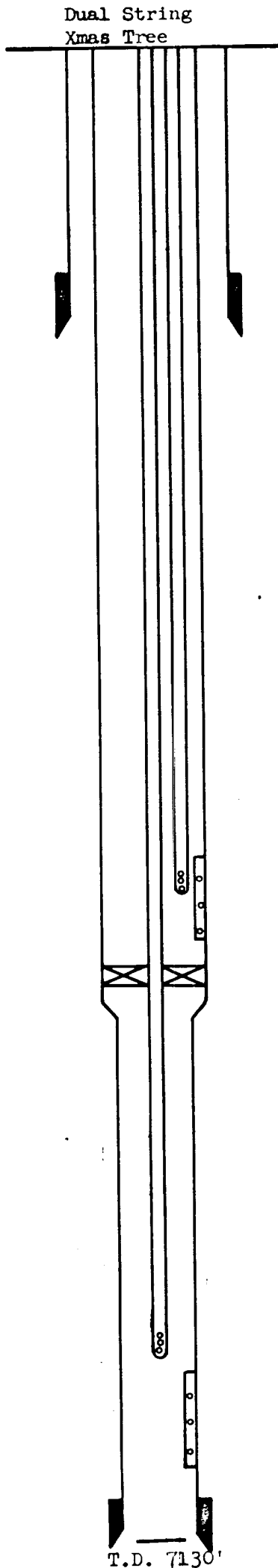
DATE

No.

DRAWN BY

CHECKED BY

SCHEMATIC DIAGRAM OF DUAL COMPLETION
El Paso Natural Gas Co. Turner Hughes #14 (MD)
NE/4 Section 4, T-27-N, R-9-W



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

9 5/8", 32.30#, H-40 casing @ 325' w/220 sacks cement circulated to surface.

1 1/4", 2.3#, J-55 tubing landed at 4824'.

Point Lookout Perfs. 4806-14 (2 SPF); 4862-66 (4 SPF)
 Fractured with water and sand.

Baker Model "D" Production Packer @ 4965'.
 Swedge @ 5037'.

2 1/16", 3.25#, J-55 tubing landed at 6881'.

Dakota perfs. 6907-13, 6934-40, 7008-14 (4 SPF)
 Fractured with water and sand.

4 1/2", 11.60#, J-55 and 5 1/2", 15.50#, J-55 casing set @ 7130' w/665 sacks cement.

T.D. 7130'

NEW MEXICO OIL CONSERVATION COMMISSION
NORTHWEST NEW MEXICO PACKER - LEAKAGE TEST

FORM PL-NW-1
REVISED 7-1-59

Operator El Paso Natural Gas Company		Lease Turner Hughes		14 (MD)	
Location of Well: Unit H Sec. 4 Twp 27 Rge 9		San Juan		Date 2-27-64	
UPPER COMPLETION:	Name of Producer or Pool Mesa Verde	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Casing	
LOWER COMPLETION:	Name of Producer or Pool Dakota	Oil or Gas Gas	Flowing or Artificial Lift Flowing	Tubing	

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 1

UPPER COMPLETION:	Hour & Date Well Shut-In 2-10-64	Length of Time Shut-In 10 days	Shut-In Pressure, PSIG 963(C) 966(T)	XXXXXX (No)
LOWER COMPLETION:	Hour & Date Well Shut-In 2-10-64	Length of Time Shut-In 10 days	Shut-In Pressure, PSIG 1954	XXXXXX (No)

FLOW TEST NO. 1

LARGEST TIME SINCE FLOW BEGAN	SHUT-IN PRESSURE	ZONE PSIG	WORKING PRESSURE PSIG	FLOWING PRESSURE PSIG	FLOW TEMP	REMARKS
						Casing Tubing
15 min.	967	970		213	64°	
30 min.	967	970		178	64°	
45 min.	967	970		149	65°	
1 hr.	967	970		137	65°	
3 hr.	967	970	(Calc.) 380	128	65°	

OIL PRODUCED

GAS PRODUCED

1569

XXXXXX

REMARKS:

Unloaded large slug of water at first and then began unloading slugs of oil and continued to do this throughout test.

SHUT-IN PRESSURE DATA BEFORE FLOW TEST NO. 2

UPPER COMPLETION:	Hour & Date Well Shut-In 2-10-64	Length of Time Shut-In 17 days	Shut-In Pressure, PSIG 978(C) 982(T)	XXXXXX
LOWER COMPLETION:	Hour & Date Well Shut-In 2-20-64	Length of Time Shut-In 7 days	Shut-In Pressure, PSIG 1980	XXXXXX

FLOW TEST NO. 2

LARGEST TIME SINCE FLOW BEGAN	SHUT-IN PRESSURE	ZONE PSIG	WORKING PRESSURE PSIG	FLOWING PRESSURE PSIG	FLOW TEMP	REMARKS
						Upper
15 min.	282	399		1983	58°	
30 min.	249	370		1985	59°	
45 min.	227	342		1987	62°	
60 min.	209	268		1988	63°	
3 hrs.	167	257		1990	66°	

OIL PRODUCED

GAS PRODUCED

2082

XXXXXX

REMARKS:

Well produced a heavy spray of distillate throughout the test.



Ap

EL PASO NATURAL GAS COMPANY

H. L. Kendrick

Area Gas Well Test Engineer

February 28, 1964