

Case 2146

J. M. HERVEY 1874-1953

HIRAM M. DOW
CLARENCE E. HINKLE
W. E. BONDURANT, JR.
GEORGE H. HUNKER, JR.
HOWARD C. BRATTON
S. B. CHRISTY IV
LEWIS C. COX, JR.
PAUL W. EATON, JR.

CONRAD E. COFFIELD

LAW OFFICES
HERVEY, DOW & HINKLE
HINKLE BUILDING
ROSWELL, NEW MEXICO

November 23, 1960

TELEPHONE MAIN 2-6510
POST OFFICE BOX 547

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

It is requested that a hearing be scheduled to permit the dual completion of Humble's D. H. Crockett No. 1 Well located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21, T. 15 S., R. 36 E., Lea County, New Mexico. It is proposed to dual the existing Caudill-Devonian oil completion with a Caudill-Wolfcamp oil completion. One string of 2-1/2 inch tubing will be used inside the 5-1/2 inch casing so that the lower zone (Devonian) can be produced through the tubing and the upper zone (Wolfcamp) through the casing-tubing annulus. Exception to Statewide Rule 112-A is required since it is needed in order to dually complete the well, and administrative approval is not possible since only one string of tubing will be utilized.

Attached are the necessary Commission forms "Application for Dual Completion" and an exhibit showing all wells on offset leases.

It is requested that this matter be scheduled for hearing at the Examiner hearing of December 12. We appreciate your consideration in running a special advertisement so that this matter may be heard this year.

Very truly yours,

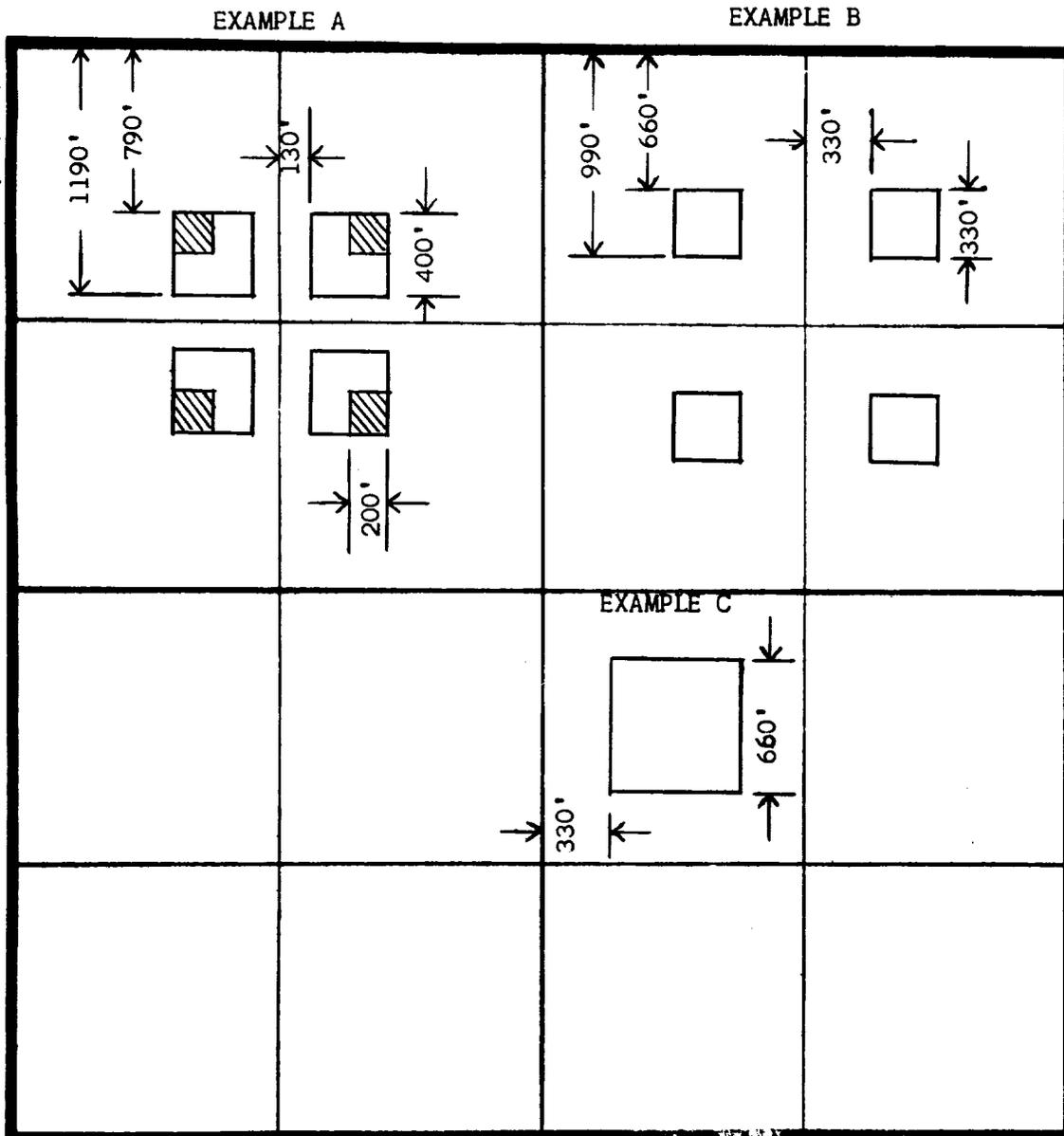
HUMBLE OIL & REFINING COMPANY

By *Howard Bratton*
Hervey, Dow & Hinkle
P. O. Box 547
Roswell, New Mexico

*Crockett
27-1-60*
HCB:db
17-5-60
[Signature]

STANDARD OIL AND GAS WELL LOCATIONS IN NEW MEXICO ACCORDING TO RULE 104
OF THE GENERAL RULES AND REGULATIONS

Sec _____ Township No. _____ of Range No. _____



EXAMPLE A - Shows Standard Gas Well location in San Juan, Rio Arriba and Sandoval Counties. 200' crosshatched square shows portion of 400' square which is a standard location for oil or gas wells. These locations may be used in any quarter section.

EXAMPLE B - Shows standard gas well location for the State, except San Juan, Rio Arriba and Sandoval Counties. These locations may be used in any quarter section.

EXAMPLE C - Shows Standard Oil Well location for the State. This location may be used for a wildcat oil or gas well except in San Juan, Rio Arriba and Sandoval Counties. This location may be used in any quarter quarter section.

Shunt O x P x

Quality Comp Co

Loc Waco 21 155 36 E

D. H. Crockett #1

Prep to Quality Comp Co

Dawson oil comp. 207

Can drill well from oil

2 1/2 will be used inside

5 1/2 for dimensions; the well

be produced inside the egg-like
annulus.

17 Hall Cities Service 16 15 Simmons

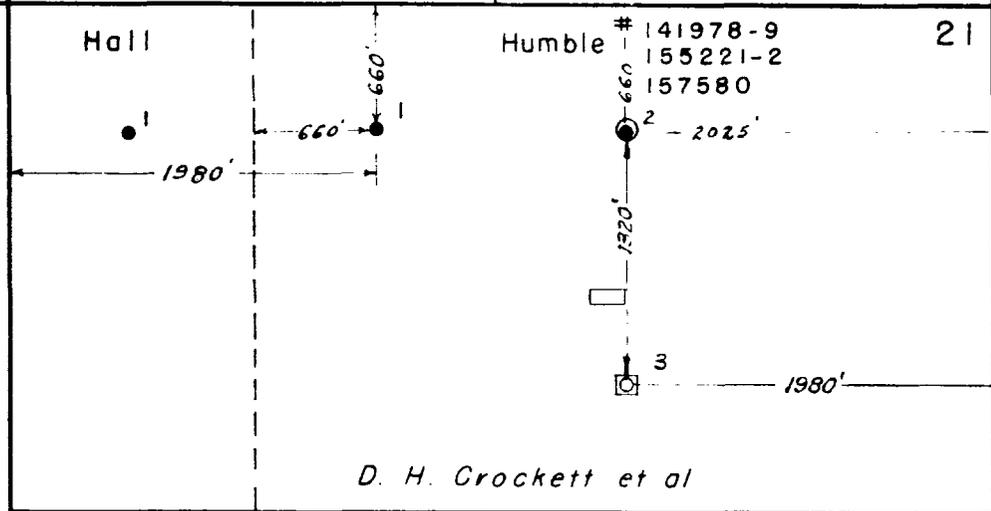


Shell

State-Hall

Maxwell

20 Hall Humble # 141978-9 155221-2 157580 21 Humble 22



D. H. Crockett et al

Humble

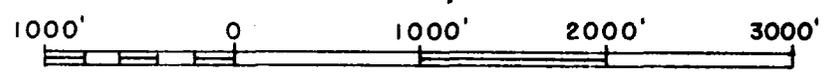
T - 15 - S R - 36 - E

Caudill

Ault

LEGEND

- Devonian
- ⊙ Devonian - Wolfcamp
- ⊠ Wolfcamp



THIS APPLICATION FOR WELL NO. _____

D. H. CROCKETT ET AL. LSE. # 141978-9
 155221-2
 157580
 SEC. 21, T-15-S R-36-E
 LEA CO., NEW MEXICO

HUMBLE OIL & REFINING COMPANY
CIVIL ENGINEERING DIVISION
 MIDLAND, TEXAS

DRAWN D. L. MCKIBBIN	SCALE 1"=1000'	FILE NO.
CHECKED <i>E.T. Shaha</i>	DATE 1-26-55	WT-A 1815
APPR. _____	REVISED _____	

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Caudill		County Lea		Date November 17, 1960
Operator Humble Oil & Refining Co.		Lease D. H. Crockett		Well No. 1
Location of Well C	Unit C	Section 21	Township 15-S	Range 36-E

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	Wolfcamp	Devonian
b. Top and Bottom of Pay Section (Perforations)	10542-46) 10553-68) 10576-80) Proposed	13592-13648
c. Type of production (Oil or Gas)	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flow	Pump

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

Columbian Carbon Company	1266 Butternut St.,	Abilene, Texas
Shell Oil Company	Box 845,	Roswell, New Mexico
Cities Service Oil Company	Box 97,	Hobbs, New Mexico

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 Agent of the Humble Oil and Refining 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.

R. G. Jenkins
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.

BKB/mcb