

Gulf Oil Company - U.S.

PRODUCTION DEPARTMENT
HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

November 21, 1974

P. O. Box 670
Hobbs, New Mexico 88240

Mr. A. L. Porter
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

Gulf Oil Corporation requests your approval of a triple completion for the C. L. Hardy Well No. 2, located 554' FSL & 2086' FWL, Section 20, 21-S, 37-E, Lea County, New Mexico, to produce Paddock, Blinebry and Drinkard, with the Paddock and Blinebry zones to be commingled in the well bore.

Subject well was dually completed in the Paddock and Blinebry pools in February, 1962, MC-1156, and subsequently commingled in the well bore, as authorized by R-3527, in November, 1968, and is now pumping approximately 9 BOPD from these two commingled zones.

It is proposed to clean out to total depth at 6675', plug back with sand to approximately 6620' and squeeze 7" casing shoe at 6603' with 150 sacks of Class C cement. Perforate the Drinkard zone in the approximate interval 6434' to 6562' with 4, 1/2" JHPF. Treat new perforations with 1500 gallons of 15% NE acid and fracture treat with 35,000 gallons of gelled brine water. Install dual strings of 2-3/8" tubing with permanent type packer to be set at 6400' and short string of tubing to be set in parallel anchor at 5765'. Run pumping equipment in Paddock-Blinebry zones. Swab and clean up Drinkard zone and place well on production.

Attached is our Application for Multiple Completion, lease plat and schematic diagram of the proposed completion.

Your early consideration in this matter will be appreciated.

Yours truly,



C. D. BORLAND

lwd:
cc: NMOCC, Hobbs, All offset operators.
Att'd



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

Form O-107
5-1-61

Operator Gulf Oil Corporation		County Lea	Date November 21, 1974
Address Box 670, Hobbs, New Mexico 88240		Lease C. L. Hardy	Well No. 2
Section N	Section 20	Township 21-S	Range 37-E

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 XX NO _____
2. If answer is yes, identify one such instance: Order No. R-2321; Operator Lease, and Well No.: Gulf Oil Corporation Graham State (NCT-I) Well No. 1

	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Paddock	Blinebry	Drinkard
b. Top and Bottom of Pay Section (Perforations)	5148-5155'	5770-5909'	6434-6562'
c. Type of production (Oil or Gas)	Oil	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Pump	Pump	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 type="checkbox"/>	<input checked="" 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.

Penrose Production Co., 1605 Comm. Bldg., Fort Worth, Texas 76102

Getty Oil Co., Box 249, Hobbs, New Mexico 88240

Sun Oil Co., Box 1861, Midland, Texas 79701

Mobil Oil Corporation, Box 633, Midland, Texas 79701

Texaco, Inc., Box 3109, Midland, Texas 79701

J. W. Peery, Box 401, Midland, Texas 79701; Petro-Lewis Corp, 401 Ft Worth Club Bldg, Ft. Worth Tex., 76102

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES XX NO _____. If answer is yes, give date of such notification November 21, 1974.

CERTIFICATE: I, the undersigned, state that I am the Area Production Manager of the Gulf Oil Corporation (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.


Signature

C. D. BORLAND, Area Production Manager

*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.

RECEIVED

NO 22 1974

OIL CONSERVATION COMM.
HOBBS, N. M.



GULF OIL CORPORATION
 C. L. Hardy Lease
 Section 20, 21-S, 37-E
 Lea County, New Mexico

C. L. HARDY #2
 554' FSL & 2086' FWL
 UNIT N - SEC 20 - T21S - R 37E

GL 3487' T.O.B.H. = 1400'

SCHEMATIC DIAGRAM
 OF PROPOSED HOOR-UP

13 3/8" - 48# CS6.
 @ 303' W/300 SX.
 CMT. CIRC.

9 7/8" - 36# CS6 @ 2913'
 W/1300 SX.
 TSITC 1315'

Paddock PERFS
 5142-55'
 5162-70' - SQD.
 5182-5226' - SQ'D.

BLINEORY PERFS.
 5770-74'
 5788-90'
 5842-44'
 5862-64'
 5907-09'

← 5764'± - SN IN SHORT STRING
 ← 5765'± - PARALLEL STRING
 AVENUE

← 6395'± - ON-OFF TOOL
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DRINKARD PERFS.
 6434-36'
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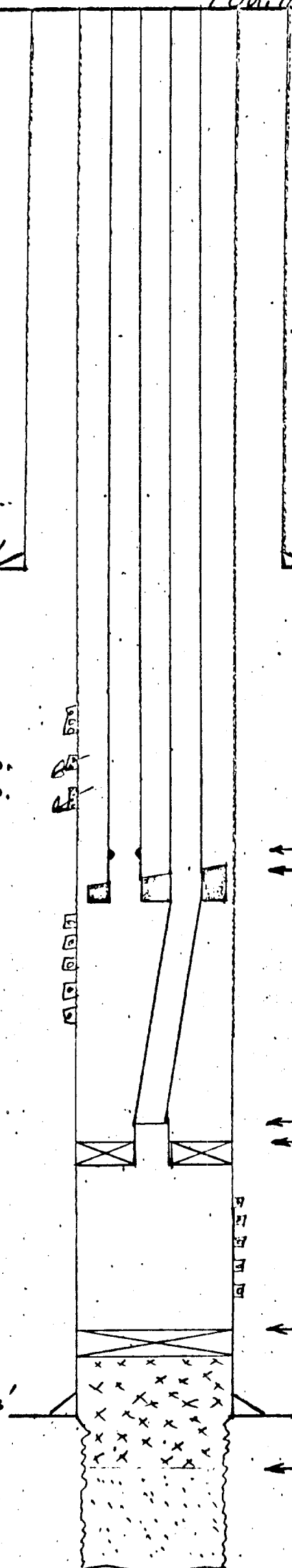
← 6580'± - C.I. CEMENT
 RETAINER

7" - 23# CS6. @ 6603'
 W/700 SX.
 TSITC 1385'

← 6620" - TOP OF FRAC SAND

TD 6675'

G. STONE
 11-19-74



Gulf Oil Company - U.S.

PRODUCTION DEPARTMENT
HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

P. O. Box 670
Hobbs, New Mexico 88240

November 21, 1974

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SANTA FE, NEW MEXICO
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5-1-61

Operator Gulf Oil Corporation		County Lea	Date November 21, 1974
Address Box 670, Hobbs, New Mexico 88240		Lease C. L. Hardy	Well No. 2
Location of Well Section N	Section 20	Township 21-S	Range 37-E

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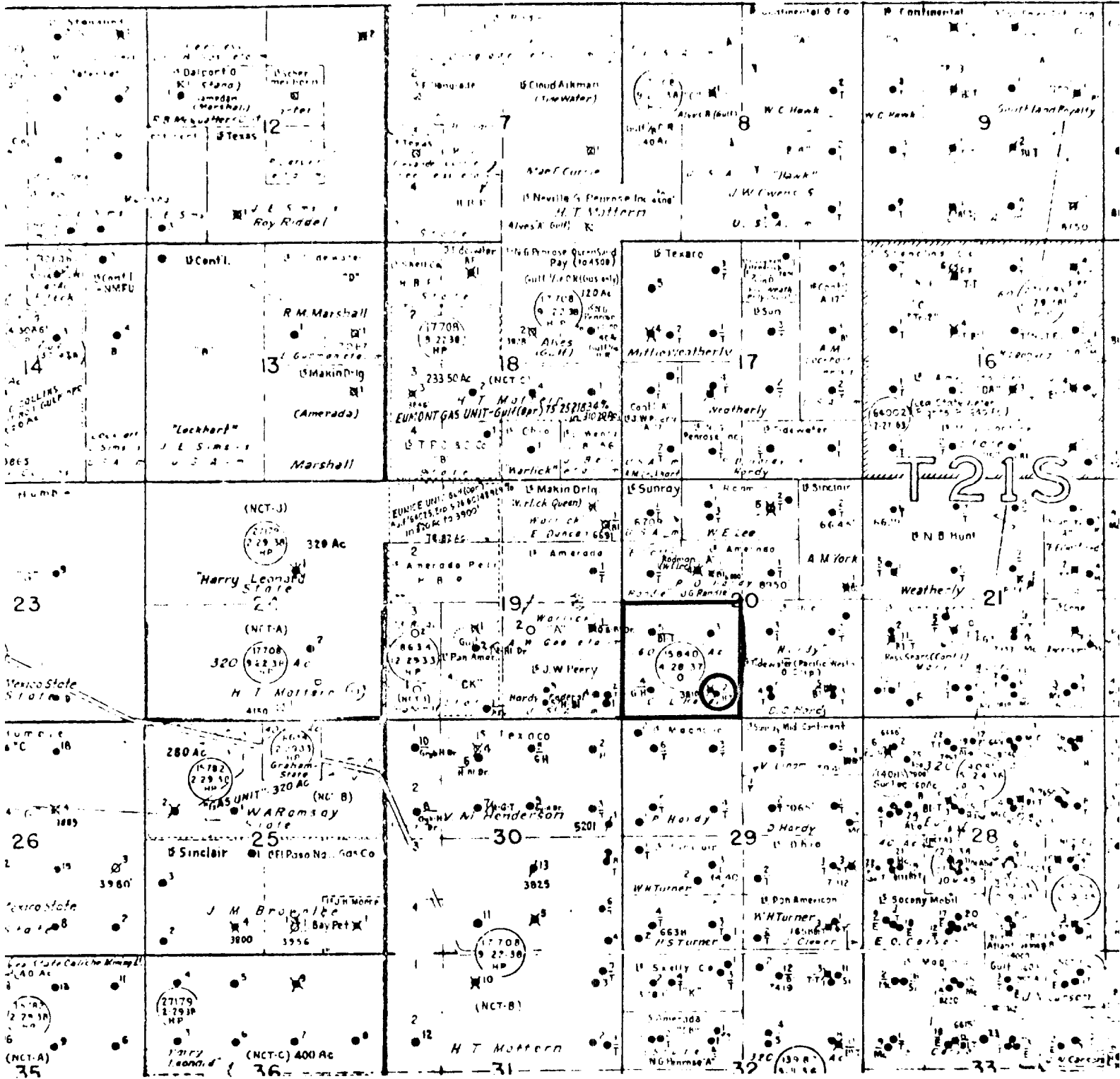
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Signature

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