

GULF OIL CORPORATION
FORT WORTH PRODUCTION DIVISION
P. O. BOX 2167
Hobbs, New Mexico

August 15, 1955

10-733
HOBBS OFFICE REC
1955 AUG 23 AM 10:01

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

Re: Application to Dually Complete
Gulf Oil Corporation's Higgins
No. 1, Drinkard Pool, Lea
County, New Mexico

Gentlemen:

By this letter of application, Gulf Oil Corporation wishes to state the following:

(a) That Gulf Oil Corporation's Higgins No. 1, located 1980' FS & EL of Section 29-22S-38E, was completed July 8, 1945 at a total depth of 7003'. The attached Exhibit "A" shows the location of this well on the Gulf Oil Corporation's Higgins Lease together with the location of all offset wells. The attached Exhibit "B" shows a diagrammatic sketch of the proposed dual completion.

(b) That subject well has 7" casing set at 6912' and cemented with 700 sacks of cement. The well is an oil well producing from the open hole interval 6912-7003' in the Drinkard Pool.

(c) That the applicant proposes to dually complete the well in the following manner:

1. Perforate 7" casing within the interval of 5570-5650' in the Blinebry Gas Pool.
2. Set production type packer below these perforations at approximately 6850' to separate the two pay zones.
3. Produce the Drinkard Pool oil through the tubing and the Blinebry gas through the tubing-casing annulus.

(d) That the granting of this application for permission to produce the well as a dual completion with gas from the Blinebry and oil from the Drinkard is in the interest of conservation and the protection of correlative rights.

(e) That the applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pay zones.

(f) That the manner and method of the proposed dual completion is mechanically feasible and practical.

(g) That by copy of this letter of application, all offset operators are notified of the proposed dual completion.

Therefore, Gulf Oil Corporation requests that the Oil Conservation Commission grant permission to the applicant to dually complete the subject well as proposed in this application.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Respectfully submitted,

C. F. Taylor
C. F. Taylor
Area Superintendent of Production

JLM:ptg
Att'd.

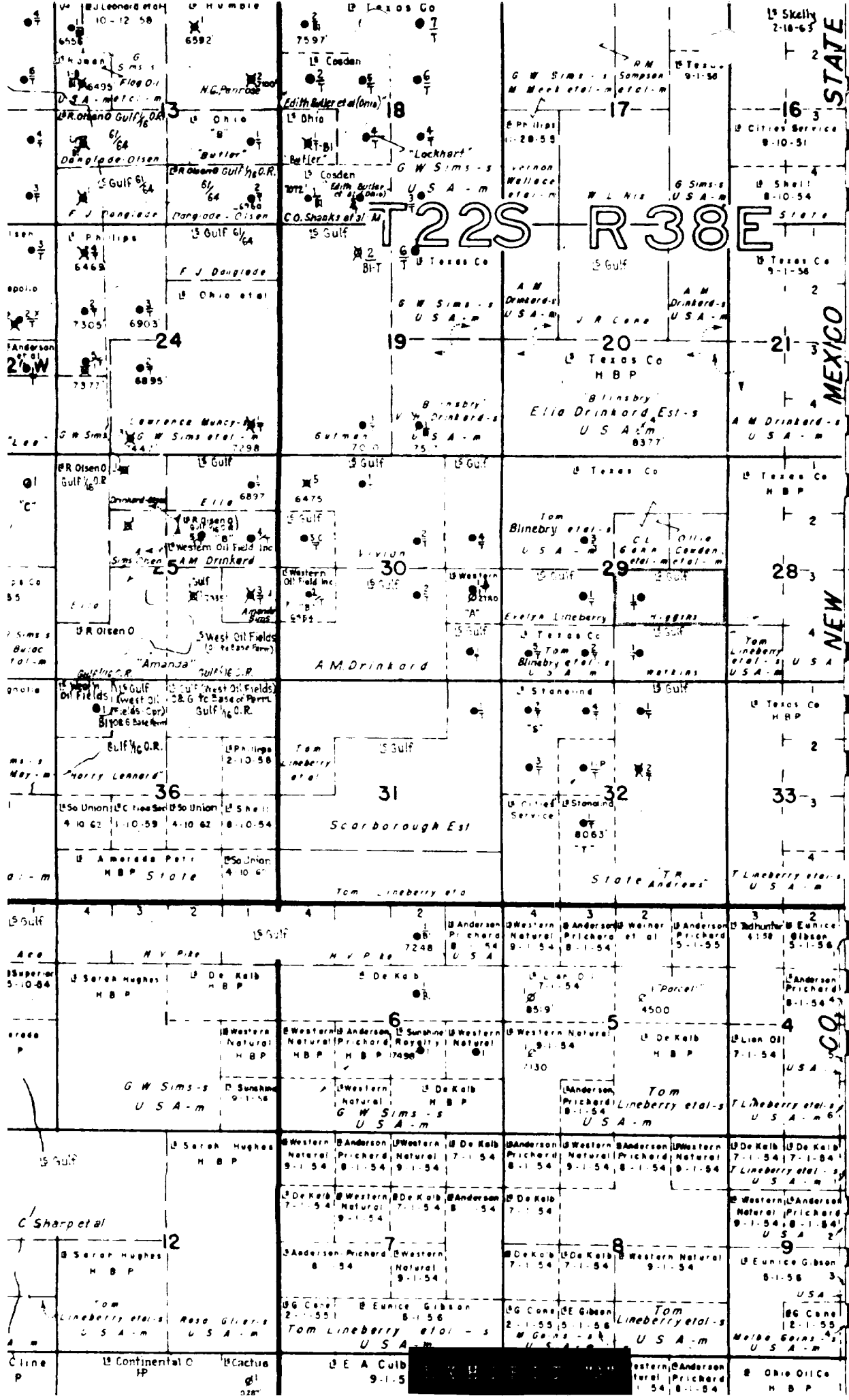
Sworn to and subscribed before me this the 15th day of August, 1955.

7-16-58
My Commission Expires

J. P. Canham
Notary Public

cc: Stanolind Oil & Gas Company
Box 899
Roswell, New Mexico

The Texas Company ✓
Box 1270
Midland, Texas



STATE STATE BL
16
25
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2C
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BLK-A40

EXHIBIT "B"

SCHEMATIC DIAGRAM OF PROPOSED DUAL COMPLETION
GULF OIL CORPORATION - HIGGINS NO. 1
29-22S-38E - Lea County, New Mexico

13-3/8" OD csg @ 307'

9-5/8" OD csg @ 2938'

5570'

Gas zone to be perforated is
Blinery

5650'

Circulating Valve

Prod. Packer at 6850'

7" OD csg @ 6912'

Circulating valve

Oil Zone - Andrews Zone of Drinkard Pool

TD - 7003'

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		Connect to outside gas to flow well	X

Hobbs, New Mexico

January 15, 1948

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Gulf Oil Corporation Higgins Well No. 1 in C NW SE
Company or Operator Lease
of Sec. 29, T. 22S, R. 38E, N. M. P. M., Drinkard Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Authority is requested to connect Higgins No. 1 to Amanda No. 1 gas well to flow well.

Location of Amanda No. 1 - C NW SE Sec. 25-22S-37E. Production is from Basal Permian.

JAN 18 1948

Approved _____, 19____
except as follows:

OIL CONSERVATION COMMISSION
By Ney Yankrough
Title Oil & Gas Inspector

Gulf Oil Corporation
Company or Operator
By E. J. Gallagher
Position District Sup't.
Send communications regarding well to
Name E. J. Gallagher
Address Hobbs, New Mexico

4-1-1951

AMOUNT
CASING AND CEMENTING RECORD

[illegible]

TUBING RECORD

PACKER

Company	Gulf Oil Corp.		
Farm Name	Plot Higgins	Gov.	Well No. 1
Sec. 29	Twp. 22	Range 38	County Lea
Feet from Line:	N. 1980	S. 1980	E. W.
Elevation	3200	Method	
Contractor			
Spudded	Completed		

ACID RECORD

Gals.

Top Pay 6925

TA	TG
TX	TSA
TCA	TGI
BX	TYo
TY	TAbO
TSR	TPenn
TQ	TOrd

SHOOTING RECORD

No. of Quarts	From	To
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

DATE		DATE	
3-6	Detrick	6-18	TD 6926 L SDR
3-13	RU Roly		Cored No. 1 6732-12 Rec
3-20	TD 325 RB; Waiting on cement		3 1/2 Line no shows. Core
3-27	Ø 19.50 X		No. 2 6926-26 1/2 Rec 4"
4-3	Ø 2897 A		Dole No shows Last crown off
4-10	Ø 3200 L		core bit SDR w/ Fish still
4-17	Ø 3942 L		in hole.
4-24	Ø 4378 L	7-3	TD 6961 L; No report
5-1	Ø 4805 L	7-10	TD 7003, L; SI To Test
5-8	Ø 5164 L	7-17	IP Flow 417 B in 12"
5-15	Ø 5420 L		hrs thru 3/4" log off
5-22	Ø 5700 L		on R" @ 6996
5-29	Ø 5957 L		
6-5	Ø 6293 L		
6-11	Ø 6662		

[illegible]

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	40'		Red Shale and Red Rock
	110		Clay and Gravel
	162		Red rock
	172		Red shale
	280		Shale and hard sand
	325		Gypsum and shale
	330		Shale and sand
	425		Shale and shells
	475		Red Bed and Shells
	615		Red bed and lime shells
	695		Shale and shells
	870		Red bed and shalle
	1015		Sand and shale
	1022		Red bed and shells
	1095		Hard sand
	1135		Red bed and sand
	1200		Anhydrite and red bed
	1295		Anhydrite
	1372		Salt and anhydrite streaks
	1408		Anhydrite
	1415		Red bed, anhydrite and salt
	1520		Salt and anhydrite
	1703		Anhydrite
	1705		Anhydrite and Red Bed
	1790		Anhydrite and salt
	2600		Anhydrite
	2725		Anhydrite and shale
	2735		Anhydrite
	2794		Anhydrite and lime
	2825		Anhydrite
	2860		Anhydrite and salt
	2885		Anhydrite and lime
	3025		Anhydrite
	3100		Anhydrite and shale
	3170		Anhydrite and lime
	3230		Anhydrite
	3275		Anhydrite and lime
	3382		Anhydrite
	3435		Lime
	3525		Anhydrite and lime
	3533		Lime
	3620		Anhydrite and lime
	3653		Lime
	4459		Lime and Lignite
	4475		Lime
	5219		Lime and shale
	6462		Lime and shale
	7003		Lime TOTAL DEPTH