

MARK PRODUCTION COMPANY

1108 SIMONS BUILDING  
DALLAS, TEXAS 75201

CURTIS W. MEWBOURNE  
PRESIDENT

October 18, 1971

748-0388  
AREA CODE 214

Mr. A. L. Porter  
Secretary-Director  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Re: Approval to Comingle  
D-K Field  
Mark Production Company  
Ralph Estate Lease #6245  
NE/4, Section 30, T20S, R39E  
Lea County, New Mexico

Dear Sir:

Mark Production Company requests approval to comingle commonly owned production from two wells on the same lease producing from separate geological horizons. The subject lease consists of 160 acres and contains two wells, the #1, producing from the Drinkard, and the #2, recently completed in the Abo. We request approval to produce the commonly owned wells into the same battery and allocate production and allowables based upon well tests. The battery is properly constructed in order to test each well separately. In this regard, you will find the following data:

1. Run statement from purchaser detailing oil gravity and price.
2. Schematic diagram of tank battery installation.
3. Plat showing location of wells on subject lease.
4. Completion report on well #2.

Drinkard production from the #1 well averages 240 barrels per month and is marginal. Abo production from the #2 well is estimated to be about 2,700 barrels per month.

DK Abo  
17.3  
3.0  
52.0  
DK K2  
13.3  
3.0  
54.0 per month

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Production from the Abo zone has a gravity averaging 34-35° API. The gravity of the Drinkard is 34.7° API and markets for \$3.33 as shown on the attached schedule. The commercial value of the comingled production will not be less than that of the sum of the values of the production from each common source of supply.

Very truly yours,

A handwritten signature in black ink, reading "Curtis W. Mewbourne". The signature is written in a cursive, flowing style with a large initial "C".

Curtis W. Mewbourne

CWM/bw  
Enclosures

HOUSTON  
THE PERMIAN CORPORATION - MIDLAND, TEXAS

LEASE

RALPH ESTATE

AUG. 1971

573065  
LEASE NO.

PRODUCER MARK PRODUCTION CO  
1108 SIMONS BLDG  
DALLAS TEXAS 75201

STATEMENT OF  
CRUDE OIL RUNS  
OPER# 55853

GROSS VALUE		MARKETING		TAX		NET BARRELS		NET VALUE	
1,559.14		46.82		102.00		468.21		1,410.32	
DATE	TANK NO.	TICKET NO.	DEL.	ENTRY	GRAV.	PRICE	NET BARRELS	GROSS VALUE	
8 16	544	414713	125	1	34.7	3.3300	468.21	1,559.14	
STATE CODE 02		TAX CODE 1					468.21	1,559.14 *	

\* ENTRY CODES: 1 - REGULAR RUN  
5 - WASH OIL SOLD

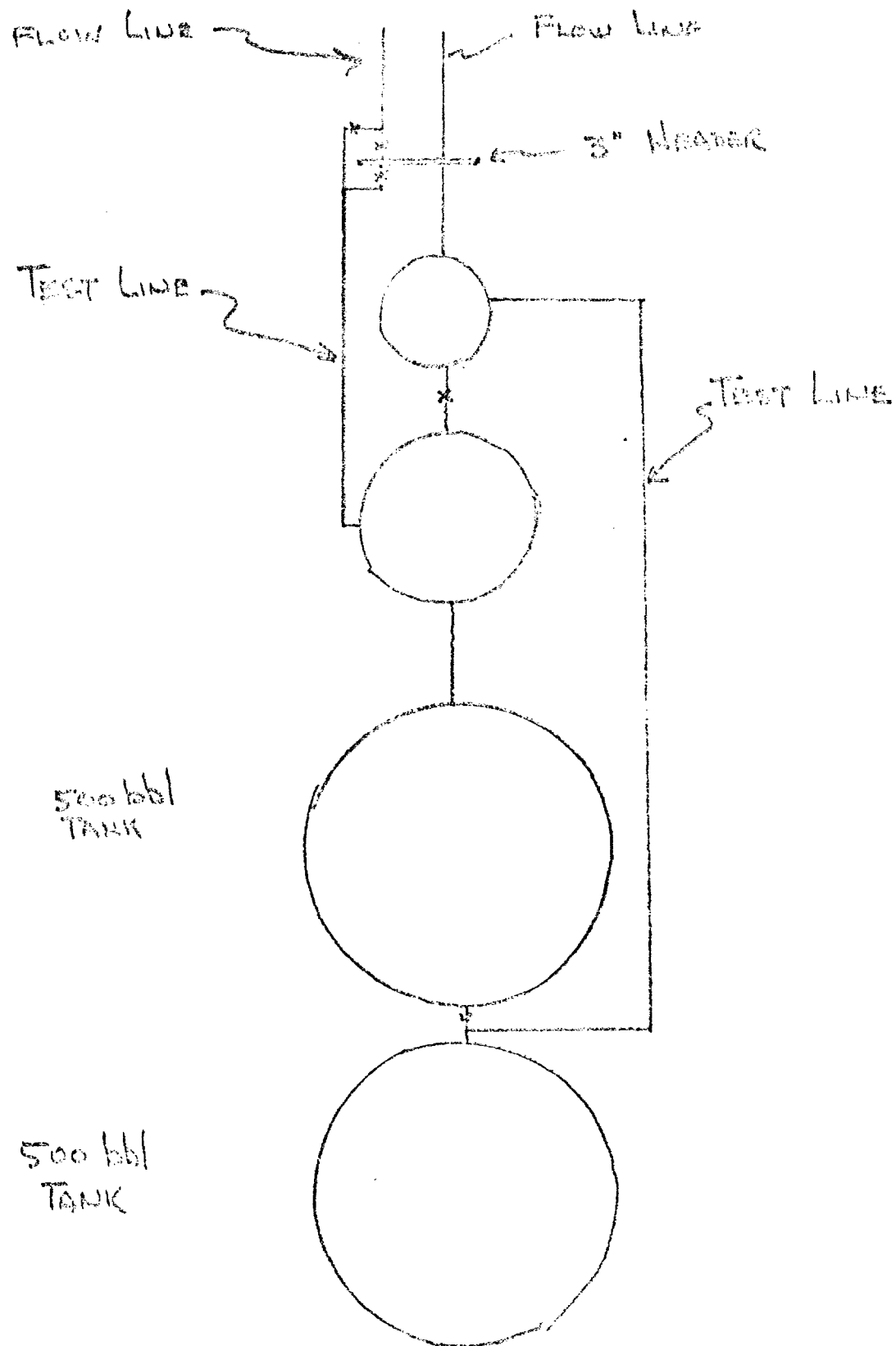
2 - ESTIMATED RUN  
6 - WASH OIL RECOVERED

3 - DEBIT CORRECTION

4 - CREDIT CORRECTION

FORM # OXY2 - 200M - 10-70

# SCHEMATIC DIAGRAM OF TANK BATTERY



MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 7-1  
Supersedes 6-1-70  
Effective 1-1-71

All distances must be from the outer boundaries of the Section

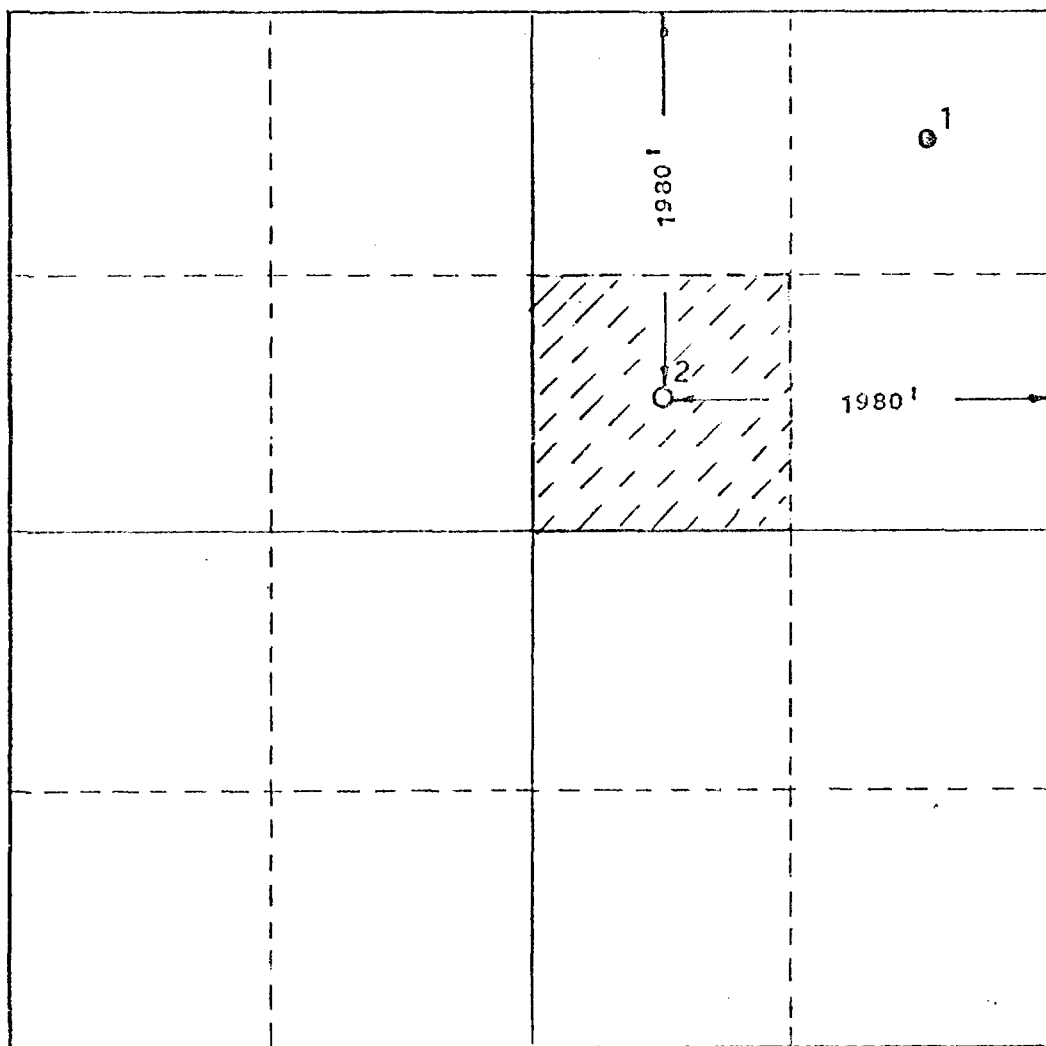
Operator <b>MARK PRODUCTION COMPANY</b>		Lease <b>RALPH ESTATE</b>		Well No. <b>2</b>
Unit Section <b>"G"</b>	Section <b>30</b>	Township <b>20-S</b>	Range <b>39-E</b>	County <b>LEA</b>
Actual Footage Location of Well:				
<b>1980</b>	feet from the	<b>NORTH</b>	line and	<b>1980</b>
				feet from the
				<b>EAST</b>
Ground Level Elev. <b>3549</b>	Producing Formation <b>ABO</b>		Pool <b>D - K</b>	Dedicated Acreage <b>40</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? **ONE OWNER**

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Gaylon Thompson*  
Name

**Gaylon Thompson**

Position

**Assistant Secretary**

Company

**Mark Production Company**

Date

**September 13, 1971**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

**SEPT 10, 1971**

Registered Professional Engineer  
and/or Land Surveyor

*Wyle E. Brown*  
Certification No.

**2189**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

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LAND OFFICE	
OPERATOR	

Form C-105  
Revised 1-1-65

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name  
8. Farm or Lease Name  
Ralph Estate  
9. Well No.  
2  
10. Field and Pool, or Wildcat  
D-K Abo

2. Name of Operator  
Mark Production Company  
3. Address of Operator  
1108 Simons Building, Dallas, Texas 75201  
4. Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM  
THE East LINE OF SEC. 30 TWP. 20-S RGE. 39-E NMPM Lea

15. Date Spudded 9-17-71	16. Date T.D. Reached 10-6-71	17. Date Compl. (Ready to Prod.) 10-11-71	18. Elevations (DF, RAB, RT, GR, etc.) 3549' GL	19. Elev. Casinghead ---
20. Total Depth 7400'	21. Plug Back T.D. ---	22. If Multiple Compl., How Many ---	23. Intervals Drilled By Rotary Tools Rotary	Cable Tools ---
24. Producing Interval(s), of this completion -- Top, Bottom, Name 7012' - 7330' Abo				25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run  
Compensated Acoustic Velocity Log  
27. Was Well Cored  
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23#	1658'	12-1/4"	730 sacks	None
4-1/2"	11.6#	7400'	8-5/8"	390 sacks	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	6494'
						6492'

31. Perforation Record (Interval, size and number) 7012' - 7330' . 22 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	7012-7330'	1500 gals 15% DS30 (NE)
		8000 gals 28% DS30
		4000 gals 3% acid

33. PRODUCTION  
Date First Production  
10-10-71  
Production Method (Flowing, gas lift, pumping -- Size and type pump)  
Flowing  
Well Status (Prod. or Shut-in)  
Producing  
Date of Test  
10-13-71  
Hours Tested  
24  
Coke Size  
14/64"  
Prod'n. For Test Period  
Oil -- Bbl.  
115  
Gas -- MCF  
119  
Water -- BBL.  
0  
Gas -- Oil Ratio  
1,035:1  
Flow Tubing Press.  
420  
Casing Pressure  
0  
Calculated 24-Hour Rate  
Oil -- Bbl.  
115  
Gas -- MCF  
119  
Water -- BBL.  
0  
Oil Gravity -- API (Corr.)  
34.7

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold  
Test Witnessed By  
W. H. Cravey

35. List of Attachments  
Acoustic Velocity Log and Deviation Record

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED \_\_\_\_\_ TITLE Assistant Secretary DATE October 15, 1971