

6

MARK PRODUCTION COMPANY  
1108 SIMONS BUILDING  
DALLAS, TEXAS 75201

CURTIS W. MEWBOURNE  
PRESIDENT

March 10, 1971

748-0388  
AREA CODE 214

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

DK-Abo  
Blindry

Re: Administrative Approval to Comingle  
D-K Field  
Mark Production Company  
Conoco-Federal Lease (#13939)  
W/2 SE/4, Sec. 30, T20S, R39E  
Lea County, New Mexico  
NM-079540

Dear Sir:

Mark Production Company requests administrative approval of an exception to Rule 303 in order to comingle commonly owned production from two wells on the same lease producing from separate geological horizons. The subject lease consists of 80 acres and contains two wells, the #1, producing from the Abo, and the #2, recently completed in the Blinebry. 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.

Abo production was commenced in August, 1970 and has produced 15,779 barrels during the last seven months. Blinebry production is expected to be about 900 barrels per month.

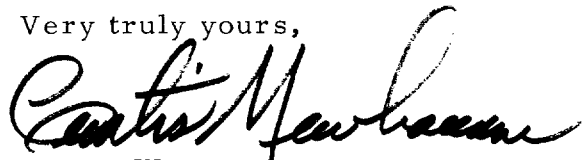
Mr. A. L. Porter, Jr.

March 10, 1971

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Production from the Abo zone has a gravity averaging 36.7° API and markets for \$3.49 as shown on the attached schedule. The gravity of the Blinebry zone in the #2 well has the identical gravity of 36.7° API and will market for the same value of \$3.49. The commercial value of the comingled production will be exactly 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 fluid and cursive, with the first name "Curtis" being more prominent and the last name "Mewbourne" following in a similar style.

Curtis W. Mewbourne

CWM/bw

Enclosures

THE PERMIAN CORPORATION - MIDLAND, TEXAS

✓ LEASE CONOCO-FEDERAL

JAN. 1971

5602  
LEASE

PRODUCER MARK PRODUCTION CO  
1108 SIMONS BLDG  
DALLAS TEXAS 75201

STATEMENT OF  
CRUDE OIL RUN  
CREF# 5602

GROSS VALUE		MARKETING		TAX		NET BARRELS		NET VALUE	
7,121.44		204.30		467.22		2,042.93		6,459.92	
DATE	TANK NO.	TICKET NO.	DEL.	ENTRY	GRAV.	PRICE	NET BARRELS	GROSS VALUE	
1 5	42070	652846	125	1	36.3	3.4800	470.97	1,628.98	
1 9	42069	227435	125	1	36.6	3.4800	472.24	1,642.40	
1 12	42070	650300	125	1	37.1	2.5000	158.87	556.05	
1 23	42070	165492	125	1	38.0	3.5200	471.31	1,659.01	
1 26	42069	227235	125	1	36.0	3.4800	158.16	550.40	
1 26	42069	227236	125	1	36.0	3.4800	158.15	550.36	
1 30	42069	307655	125	1	36.8	3.4800	153.23	523.24	
STATE CODE 02 TAX CODE 1							2,042.93	7,121.44	

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

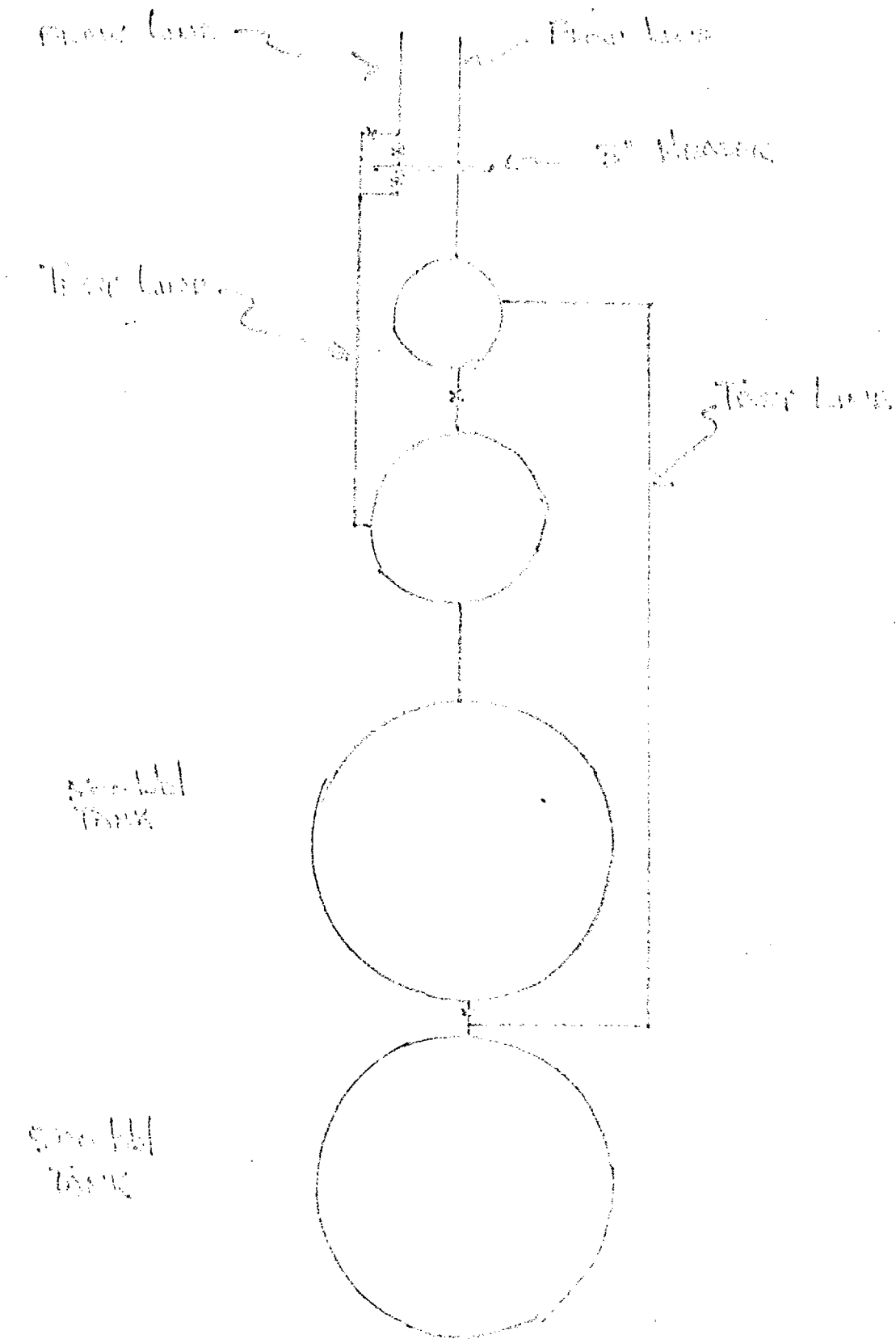
2 - ESTIMATED RUN  
6 - WASH OIL RECOVERED

3 - DEBIT CORRECTION

4 - CREDIT CORRECTION

FORM # OAY2 - 200M

# Swimming Diagram Of Think Battery

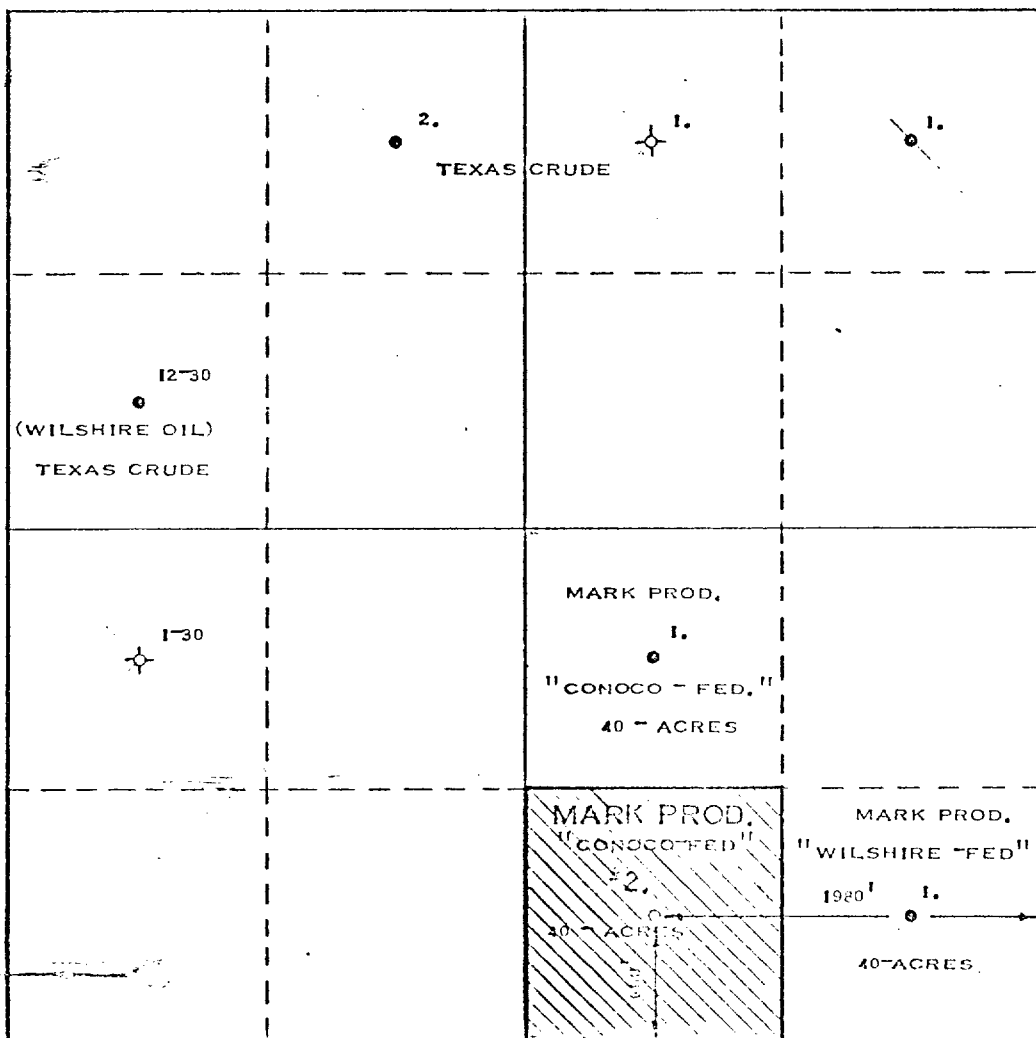


Form C-102  
Supersedes C-128  
Effective 1-1-65

Operator <b>MARK PRODUCTION COMPANY</b>		Lease <b>CONOCO-FEDERAL</b>		Well No. <b>2</b>	
Unit Letter <b>"O"</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>660</b>		feet from the <b>SOUTH</b>		line and <b>1980</b>	
				feet from the <b>EAST</b>	
Ground Level Elev. <b>3558</b>		Producing Formation <b>ABO</b>		Pool <b>D-K</b>	
				Dedicated Acreage: <b>40</b>	
				Acres	

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

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.



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

Name	Curtis W. Mewbourne
Position	President
Company	Mark Production Company

Date  
November 25, 1970

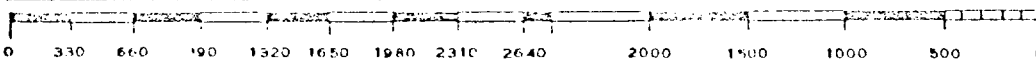
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
NOVEMBER 23, 1970

Registered Professional Engineer  
and/or Land Surveyor

MAX A SCHUMANN JR

Certificate No. 1510



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE  
(See other instructions on reverse side)Form approved  
Budget Bureau No. 42 R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM-079540	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mark Production Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1108 Simons Building, Dallas, Texas 75201				8. FARM OR LEASE NAME Conoco-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FSL of Sec. 30-T20S-R39E At top prod. interval reported below Lea County, New Mexico Same At total depth				9. WELL NO. 2	
14. PERMIT NO. ( )				DATE ISSUED 12-3-70	
15. DATE SPUDDED 12-28-70				16. DATE T.D. REACHED 1-17-71	
17. DATE COMPL. (Ready to prod.) 3-6-71				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3560'	
19. ELEV. CASINGHEAD None				20. TOTAL DEPTH, MD & TVD 7420'	
21. PLUG BACK T.D., MD & TVD 6495'				22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →				ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6072' - 6386' - Blinobry				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic Velocity and Forxo				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#		1663'	
4-1/2"		11.6#		7170'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		6015'		No	
31. PERFORATION RECORD (Interval, size and number)					
6072' - 6386' - (16 - 1/2" holes)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
6072-6386'			2,000 gals 15% acid		
			40,000 gals and 60,000#		
33.* PRODUCTION					
DATE FIRST PRODUCTION 3-6-71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - American 228			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 3-9-71		HOURS TESTED 24 hrs	CHOKE SIZE --	PROD'N. FOR TEST PERIOD →	OIL--BBL. 36
					GAS--MCF. 7.56
					WATER--BBL. 15
					GAS-OIL RATIO 210:1
FLOW, TUBING PRESS. --		CASING PRESSURE --	CALCULATED 24-HOUR RATE →	OIL--BBL. 36	GAS--MCF. 7.56
					WATER--BBL. 15
					OIL GRAVITY-API (CORE.) 36.7° API
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					TEST WITNESSED BY W. H. Gravey
35. LIST OF ATTACHMENTS Acoustic Velocity, Deviation Record					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>Josephine Thompson</i>		TITLE Assistant Secretary		DATE 3-9-71	

\*(See Instructions and Spaces for Additional Data on Reverse Side)