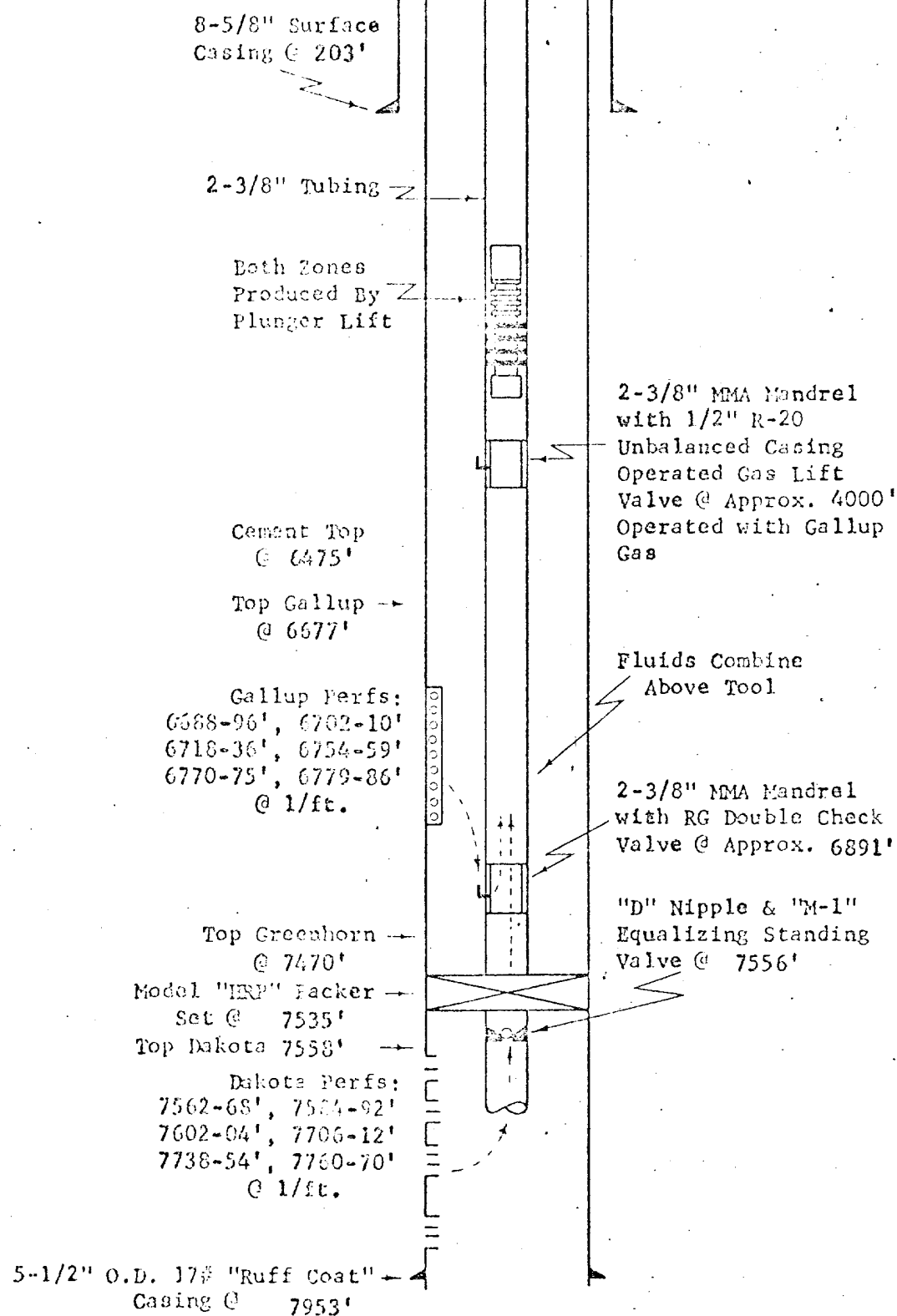


DOWNHOLE COMMINGLING INSTALLATION



CONTINENTAL OIL COMPANY

PRODUCTION DEPARTMENT
CASPER DIVISION

Field/Unit

WEST LINDRITH

Structure

Exhibit B

Contour Int.

Isopach

Contour Int

Other

Downhole Commingling Installation - Jicarilla 22-2 Well.

County: Rio Arriba

State: New Mexico

**PROPOSED
DOWNHOLE COMMINGLING INSTALLATION**

GL Elevation: +7010'
KB Elevation: +7024'

3 5/8" Surface
Casing @ 203' KB

Cemented With 165 Sacks
Regular to Surface

2 3/8" Tubing

Cement Top
At 3356' KB

Produced By
Plunger Lift

Stage Collar At 5770' KB
Cemented With 120 Sacks
Liteweight & 300 Sacks
50-50 Pozmix A

Cement Top @ 6475' KB

Top Gallup
@ 6677' KB

Gallup Perfs:
6693 - 96' KB
6718 - 36'
6770 - 75'
6702 - 10'
6754 - 59'
6779 - 86'
@ 1 Shot/Ft.

Top Greenhorn @
7470' KB

Top Dakota @
7758' KB

Dakota Perfs:
7562 - 68' KB
7584 - 92'
7602 - 04'
7706 - 12'
7738 - 54'
7760 - 70'
@ 1 Shot/Ft.

Tubing At 7800' KB

PBTD At 7923' KB

"D" Nipple & "D"-1" Equalizing
Standing Valve at 7770' KB

TD At 7953' KB

5 1/2" O.D. 17# "Ruff-Cote" Casing
@ 7933' KB. Cemented With 375 Sacks
50-50 Pozmix A

Centralizers Located 10' and 60' Above Casing
Setting Depth and 90' Thereafter to 6443' KB;
Also One Centralizer 30' Above & 30' Below Stage
Collar.

CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
Casper, Wyoming



**WEST LINDRITH
EXHIBIT "C"**

Proposed Downhole Commingling Installation—Jicarilla 22-2

County: Rio Arriba

State: New Mexico

Engineer: J.A. Moore

Draftsman: J.C. Date: 8-29-70

Scale: 1" = 100'

Well Status: Pooled to

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

Form 1-1-65

Pool Continental Oil Company		County Rio Arriba										
District 152 North Durbin, Casper, Wyoming 82601		Undersaturated Gullup										
Lease Name Jicarilla 22		Type of Test - (X) ☒ Scheduled										
WELL NO.	U	LOCATION		DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO GULF TUBING
		S	T						R	WATER BBL'S.	GRAV. OIL BBL'S.	
1	J	22	25N	4W	8-02-70	F		24	0	6	100	30000
2	J	21	25N	4W	8-04-70	F		24	0	19	55	2095
3	D	22	25N	4W	8-06-70	F		24	0	2	44	22000
4	J	15	25N	4W	8-08-70	F		24	0	16	106	6625

EXHIBIT "D₁"

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

Original Signed By

C. H. G. G. G.

(Signature)

Senior Analyst

(Title)

8-27-70

(Date)

NE:OCC(2), File, WS

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio tests, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operation is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowable when authorized by the Commission.
Gas volume must be reported in NCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

Form 1-1-65

Operator		Field		County		Undesignated Dakota		Rio Arriba						
152 North Durbin, Casper, Wyoming		82601		TYPE OF TEST - (X)		Scheduled [X]		Completion []						
LEASE NAME		WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU. FT. BBL.
			U	S	T						R	WATER BBL.S.	GRAV. OIL	
Jicarilla 22		1	J	22	25N	4W	8-02-70	F		24	30	4	60	15000
		2	J	21	25N	4W	8-04-70	F		24	5	14	271	19359
		3	D	22	25N	4W	8-06-70	F		24	3	18	196	10589
		4	J	15	25N	4W	8-08-70	F		24	5	22	160	7273

EXHIBIT "D2"

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

Original Forward By

C. J. C. M. M. M.

(Signature)

Senior Analyst

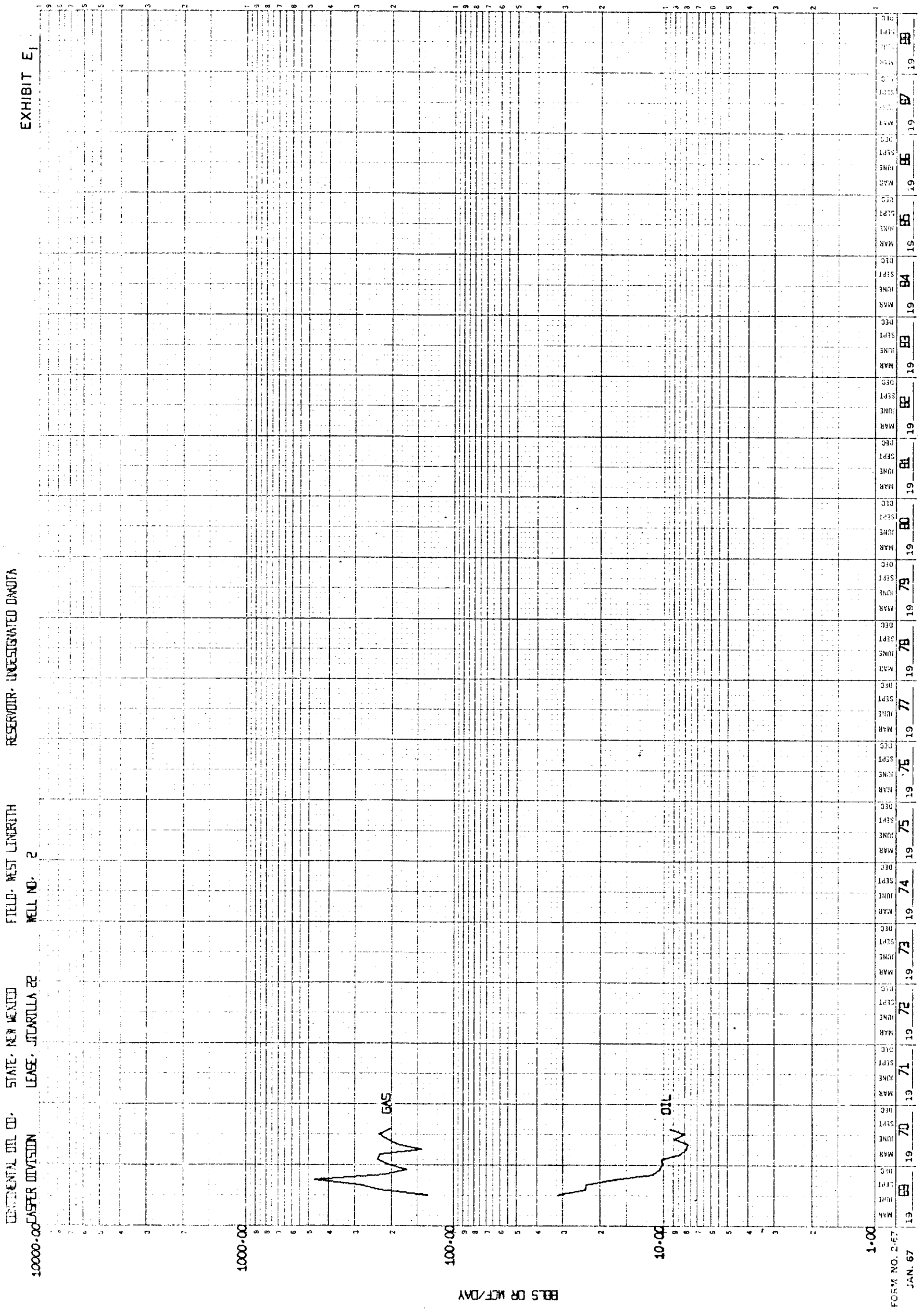
(Title)

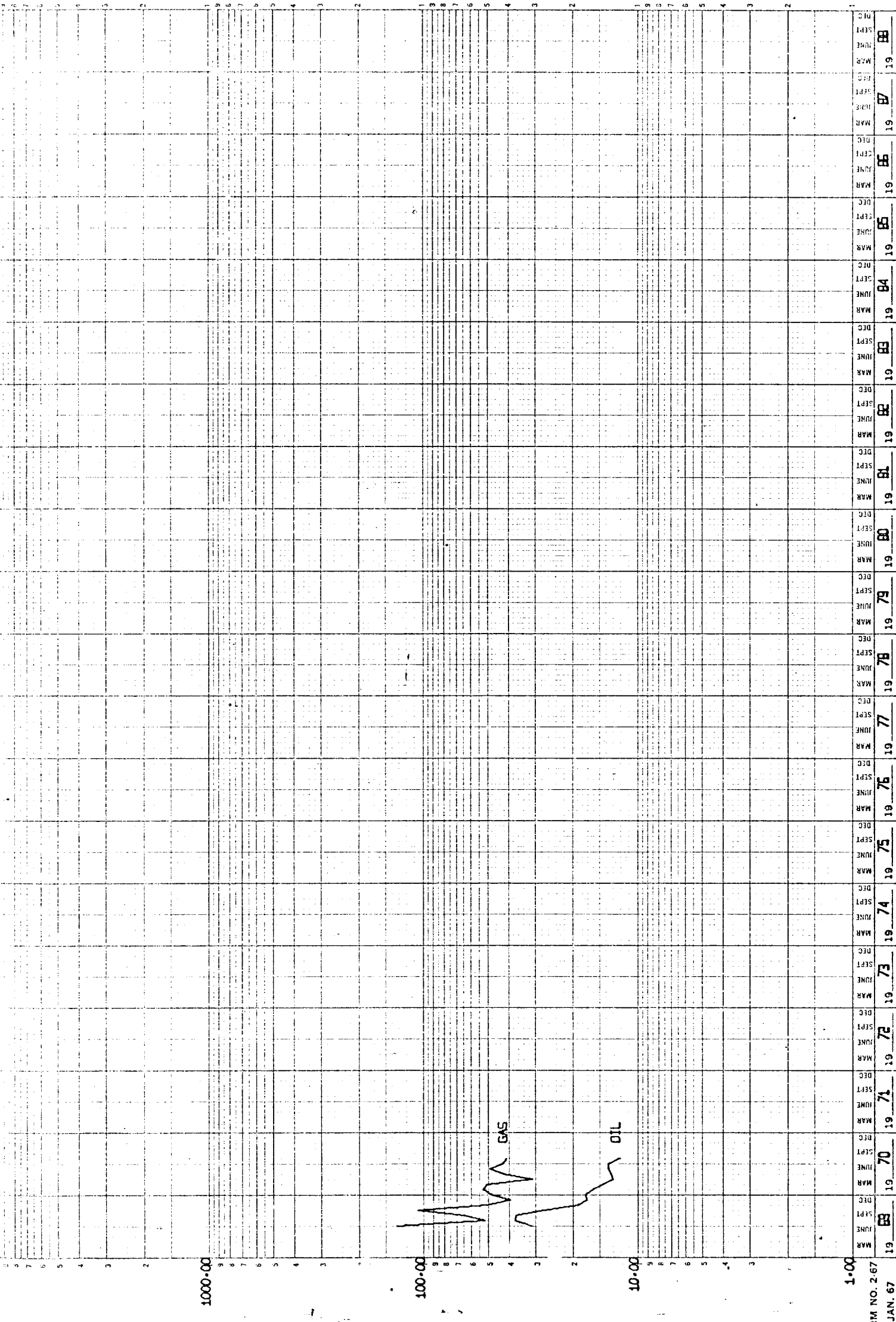
8-27-70

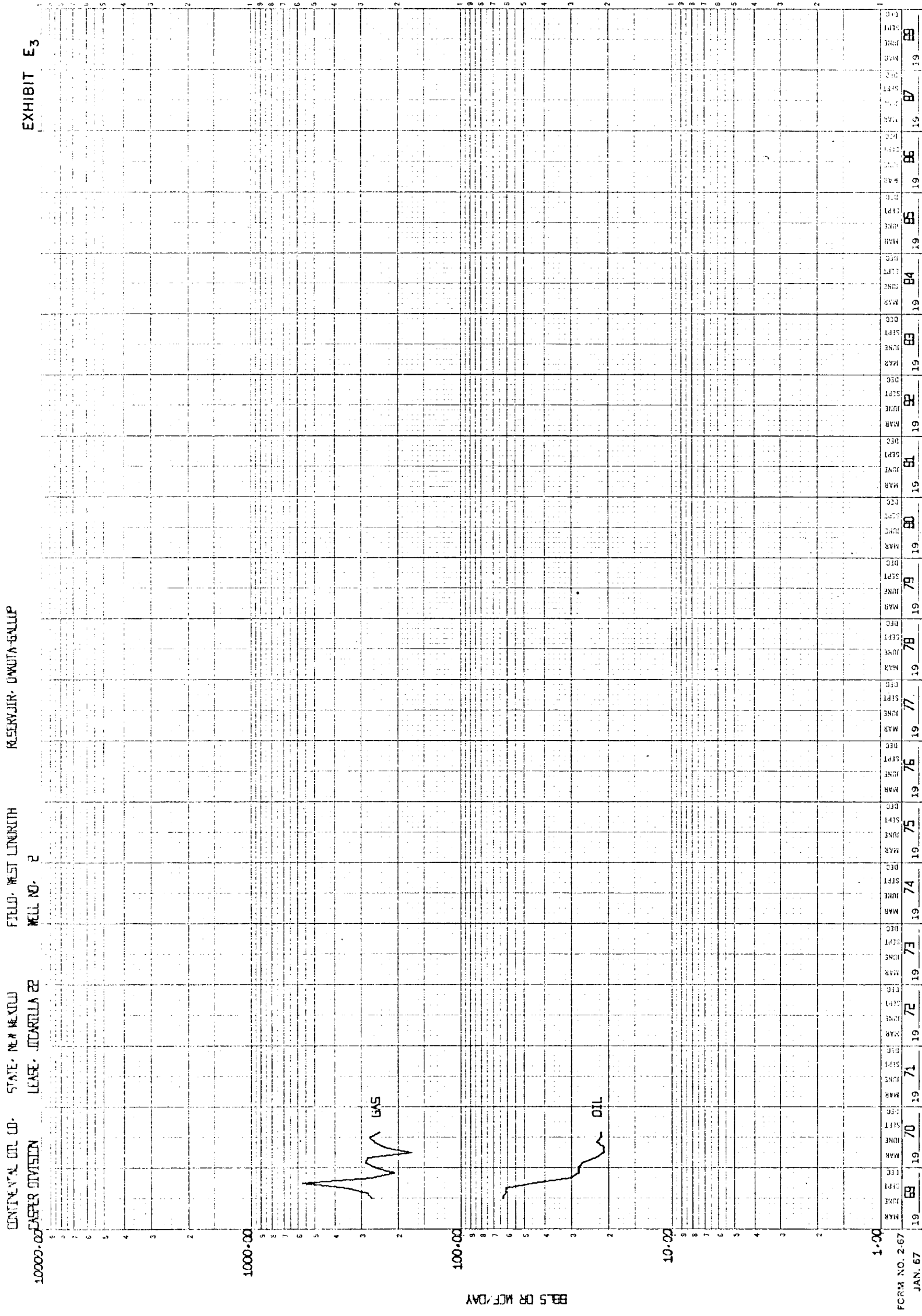
(Date)

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W:CCC(2), File, WS







JICARILLA 22 WELL NO. 2
UNIT LETTER J, SECTION 21, T25N, R4W
RIO ARriba COUNTY, NEW MEXICO

Commingling Data
Month of July, 1970

<u>Producing Data</u>	<u>Gravity</u>	<u>Value</u>	<u>Volume</u>
Gallup	45.2	\$2.85	379 BOPM
Dakota	47.0	2.85	290 BOPM
Commingled	46.1	2.85	669 BOPM

Crude Purchaser: Shell Pipeline Company - Farmington, New Mexico

Royalty Interest Owner: Jicarilla Apache Tribe

Date: September 2, 1970