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Township _____ Range _____

Township _____ Range _____

Form 104—(Four on Township)

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6	5	4	3	2	1	6	5	4	3	2	1
7	8	9	10	11	12	7	8	9	10	11	12
18	17	16	15	14	13	18	17	16	15	14	13
19	20	21	22	23	24	19	20	21	22	23	24
30	29	28	27	26	25	30	29	28	27	26	25
31	32	33	34	35	36	31	32	33	34	35	36
6	5	4	3	2	1	6	5	4	3	2	1
7	8	9	10	11	12	7	8	9	10	11	12
18	17	16	15	14	13	18	17	16	15	14	13
19	20	21	22	23	24	19	20	21	22	23	24
30	29	28	27	26	25	30	29	28	27	26	25
31	32	33	34	35	36	31	32	33	34	35	36

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		①		②		③		④		⑤		⑥		⑦		⑧		⑨		⑩	
		Post		All.		Prod.		All.		Prod.		All.		Prod.		All.		Prod.		All.	
25S-37E		A		1410		870		1364		876		1320		753		1364		753		1364	
A-25		A		1410		870		1364		876		1320		556		1364		556		1364	
I-25		A		1410		813		1365		1164		1320		1144		1364		1144		1364	
I-25		A		960		814		982		873		100		505		620		505		620	
A-25		A		1410		14084		1364		1359		1320		1318		1364		1318		1364	
P-25		A		1410		1405		1980		1961		1320		1315		1364		1315		1364	
O-25		A		1410		616		600		600		1320		1304		1364		1304		1364	
P-25		A		1410		1891		1364		1326		1320		1265		1364		1265		1364	

ILLEGIBLE

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS 7, TEXAS

August 11, 1960

Dorfman Production Company
836 Mercantile Dallas Building
Dallas, Texas

Attention: Mr. Larry Reed

Subject: Reservoir Fluid Study
Coles Federal No. 2 Well
Elmer Bailey Field
Rio Arriba County, New Mexico
Our File Number: RFL 1034

Gentlemen:

Subsurface fluid samples were collected from the subject well on July 31, 1960 by a representative of Core Laboratories, Inc. These samples were transmitted to our Dallas laboratory where reservoir fluid studies are being performed.

A sample of the reservoir fluid was charged to a high pressure visual cell and examined during a constant composition expansion at the reservoir temperature of 115.0 F. Under these conditions the saturation pressure was measured to be 1861 psig. The reservoir pressure measured immediately prior to sampling was 1841 psig at a depth of 5067 feet. This pressure was measured after a shut-in period of approximately seven hours. In view of the good productivity index of this well and after discussions with Dorfman Production Company regarding the normal rates of flow, it is our opinion that the samples obtained are representative of the reservoir material and that the reservoir presently exists in an undersaturated condition.

The remainder of the fluid study is now in progress. We trust that this information will be adequate for your immediate needs. Should you have any questions, however, please do not hesitate to contact us.

Very truly yours,

CORE LABORATORIES, INC.
Reservoir Fluid Division

P. L. Moses
Operations Supervisor

FLM:PL
Mr. Frank Howard
Core Laboratories, Inc.
Dallas, Texas

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SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Electrical Log

COUNTY <u>LEA</u> FIELD or LOCATION <u>JUSTIS</u> WELL <u>IDA WIMBERLY</u> COMPANY <u>AMERADA PETR. CORPORATION</u>	COMPANY <u>AMERADA PETR. CORPORATION</u>	Other Surveys GRL <input type="checkbox"/> ML <input type="checkbox"/>
	WELL <u>IDA WIMBERLY</u>	Location of Well <u>NE/4</u> <u>NW/4</u>
	<u>#5</u>	
	FIELD <u>JUSTIS</u>	
	LOCATION SEC. <u>25-25S-37E</u> <u>660 FNL + 2080 FWL</u>	
COUNTY <u>LEA</u>	Elevation: D.F.: <u>3086</u> K.B.: <u>3087.5</u> or G.L.: <u>3075</u>	
STATE <u>NEW MEXICO</u>	FILING No.	

RUN No.					
Date	8-10-58				
First Reading	7578				
Last Reading	3268				
Feet Measured	4310				
Csg. Schlum.	3268				
Csg. Driller	3269				
Depth Reached	7581				
Bottom Driller	7581				
Depth Datum	KB 12.5'	Abv. GL			
Mud Nat.	CHEM.				
Dens. Visc.	9.5 37				
Mud Resist.	7 @ 81°	@ °F	@ °F	@ °F	@ °F
Res. BHT	52 @ 113°	@ °F	@ °F	@ °F	@ °F
Rmf	28 @ 113°	@ °F	@ °F	@ °F	@ °F
Rmc	97 @ 81°	@ °F	@ °F	@ °F	@ °F
pH	10 @	@ °F	@ °F	@ °F	@ °F
Wfr. Loss	10.8 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Bit Size	8 3/4"				
Spcgs.—AM	10" NORMAL				
A0	32" LIMESTONE				
A0	19' LATERAL				
Opr. Rig Time	2 HOURS				
Truck No.	2526 HOBBS				
Recorded By	GEISEL				
Witness	MOORE				