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A PORTION OF THE
CAPROCK QUEEN FIELD
CHAVES COUNTY
NEW MEXICO

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Applicant EXHIBIT NO. 1
CASE NO. 1714

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SIMULTANEOUS



Gamma Ray-Neutron

COUNTY FIELD or LOCATION WELL COMPANY	COMPANY <u>JOHN H. TRIGG</u>	Other Surveys <u>SC</u>
	WELL <u>FEDERAL TRIGG</u>	Location of Well <u>330' fr. N/L</u>
	<u># 36-5</u>	<u>330' fr. E/L</u>
	FIELD <u>CAPROCK QUEEN</u>	Elevation: D.F.: <u>411</u>
	LOCATION <u>SEC. 5-14S-31E</u>	K.B.: <u>411</u> or G.L.: <u>410</u>
COUNTY <u>CHAVES</u>	FILING No. _____	
STATE <u>NEW MEXICO</u>		

Log Depths Measured From KB 6.0 Ft. above G.L.

RUN NO.		
Date	<u>7-3-59</u>	
First Reading	<u>2720</u>	
Last Reading	<u>100</u>	
Footage Measured	<u>2620</u>	
Max. Depth Reached	<u>2721</u>	
Bottom Driller	<u>2721</u>	
Maximum Temp. °F.		
Fluid Nature	<u>WATER</u>	
Fluid Level	<u>50'</u>	
Casing Size	<u>8 5/8 in.</u>	in. }
Casing Weight	<u>lb. SUR to 90'</u>	lb. } to
Casing Size	<u>4 1/2 in.</u>	in. }
Casing Weight	<u>9 1/2 lb. SUR to TD</u>	lb. } to
Bit Size	<u>7 7/8 in. 90 to TD</u>	in. } to
Bit Size	<u>in. to</u>	in. } to
No. Counters Used	<u>GR-2 N-1</u>	
Type Equipment	<u>GNAM-3</u>	
Type Panel	<u>GNP-C</u>	
Opr. Rig Time	<u>2-Hrs.</u>	
Truck No.	<u>2525-HOBA</u>	
Observer	<u>VANN</u>	
Witness	<u>SNOW</u>	

FIELD COPY

BEFORE EXAMINER NUTTE

OIL CONSERVATION COMMISSION

EXHIBIT NO. 2-A

CASE NO. 1714

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SIMULTANEOUS



Gamma Ray-Neutron

COUNTY <u>CHAVES</u> FIELD or LOCATION <u>CAPROCK</u> WELL <u>FEDERAL TRIGG</u> WELL <u>35-5</u> COMPANY <u>JOHN H. TRIGG</u>	COMPANY <u>JOHN H. TRIGG</u>	Other Surveys <u>NONE</u>
	WELL <u>FEDERAL TRIGG</u>	Location of Well <u>1988.6' FNL</u> <u>330' FEL</u>
	<u>35-5</u>	
	FIELD <u>CAPROCK</u>	Elevation: D.F.: <u>K.B.: 4110</u> or G.L.: <u>4103.7</u>
	LOCATION <u>SEC 5 - 14S - 31E</u>	FILING No. _____
	COUNTY <u>CHAVES</u>	
	STATE <u>NEW MEXICO</u>	

Log Depths Measured From 6' Ft. above GL

RUN NO. <u>1</u>		
Date <u>5-12-59</u>		BEFORE EXAMINER NOTED OIL CONSERVATION COMMISSION <u>EXHIBIT NO. 2-B</u> CASE NO. <u>174</u>
First Reading <u>2724</u>		
Last Reading <u>20</u>		
Footage Measured <u>2704</u>		
Max. Depth Reached <u>2725</u>		
Bottom Driller <u>2727</u>		
Maximum Temp. °F. _____		
Fluid Nature <u>WATER</u>		
Fluid Level _____		
Casing Size <u>4-1/2 in.</u>		in. } _____
Casing Weight <u>9.5 lb.</u>	<u>SURF to 2730</u>	lb. } _____ to _____
Casing Size _____	in. } _____	in. } _____
Casing Weight _____	lb. } _____ to _____	lb. } _____ to _____
Bit Size _____	in. } _____ to _____	in. } _____ to _____
Bit Size _____	in. } _____ to _____	in. } _____ to _____
No. Counters Used <u>3</u>		
Type Equipment <u>GNAM-5</u>		
Type Panel <u>GNP -C</u>		
Opr. Rig Time <u>2 HOURS</u>		
Truck No. <u>1595-KERMIT</u>		
Observer <u>HINES</u>		
Witness <u>PUCKETT</u>		

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SIMULTANEOUS

Gamma Ray-Neutron



COUNTY
FIELD or
LOCATION
WELL
COMPANY

COMPANY JOHN H. TRIGG

WELL FEDERAL TRIGG

34-5

FIELD CAPROCK QUEEN

LOCATION SEC. 5-14S-31E

COUNTY CHAVES

STATE NEW MEXICO

Other Surveys

SC

Location of Well

1650' fr. S/L

330' fr. E/L

Elevation: D.F. 4116

K.B.:

or G.L. 4111.75

FILING No. _____

Log Depths Measured From KB 6.0 Ft. above GL

RUN NO.

Date
First Reading
Last Reading
Footage Measured
Max. Depth Reached
Bottom Driller
Maximum Temp. °F.
Fluid Nature
Fluid Level

7-3-59

2723

100

2623

2724

WATER

50'

Casing Size
Casing Weight
Casing Size
Casing Weight

8 5/8 in.

lb.

4 1/2 in.

9 1/2 lb.

Bit Size

7 1/8 in.

Bit Size

in.

No. Counters Used

GR-2

Type Equipment

GNAM-3

Type Panel

GND-C

Op. Rig Time

2-Hrs.

Truck No.

2525-H0885

Observer

VANN

Witness

SNOW

FIELD COPY

BEFORE EXAMINER NUTTE

OIL CONSERVATION COMMISSION

EXHIBIT NO. 2-C

CASE NO. 1714

SEISMIC WELL SURVEILLANCE CORPORATION

HOLLYWOOD, FLORIDA

SIMULTANEOUS

Gamma Ray - Neutron

JOHN H. TRIGG

SC

FEDERAL TRIGG

29-4

660' fr. S/L

CAPROCK QUEEN

990' fr. W/L

SEC. 4-14S-31E

4140

CHAVES

3135.7

NEW MEXICO

KB

6.0

GL

1
7-3-59
2743
100
2643
2744

FIELD COPY

WATER
FULL

8 5/8" SUR 90

4 1/2" SUR TD
9 1/2" SUR TD
7 7/8" 90 TD

GR-2 N-1
GNAM-3
GNP-C
2-HYS
2525-HOBBS
VANW
SNOW

BEFORE EXAMINER NUTTE
OIL CONSERVATION COMMISSION
App. EXHIBIT NO. *2-D*
CASE NO. *1714*

WELEX



RADIOACTIVITY LOG

COMPANY JOHN H. TRIGG
COMPANY
WELL FEDERAL TRIGG
32-4
FIELD CAPROCK QUEEN
CHAVIS
County CHAVIS
State NEW MEXICO
File

COMPANY JOHN H. TRIGG COMPANY

WELL FEDERAL TRIGG # 32-4

FIELD CAPROCK QUEEN

COUNTY CHAVIS STATE NEW MEXICO

Location 2310' W.
664' N.

Other Logs
NONE

Sec. 4 Twp 14-S Rge 31-E

Elevation

Permanent Datum GROUND LEVEL Elev. 4136'

Log Measured From DRIVE BUSHING

Drilling Measured From DRIVE BUSHING

KB. 4140'
DF. 4138'
GL. 4136'

Type Log	GAMMA	N. GAMMA
Run No.	<u>ONE</u>	<u>ONE</u>
Date	<u>5-23-58</u>	<u>5-23-58</u>
Total Depth Driller	<u>2762'</u>	<u>2762'</u>
Present Depth Driller	<u>2762'</u>	<u>2762'</u>
Total Depth Welex	<u>2761'</u>	<u>2761'</u>
Survey Begins	<u>2751'</u>	<u>2761'</u>
Survey Ends	<u>0'</u>	<u>10'</u>
Mud Data	<u>WATER BASE</u>	

Type Fluid in Hole	<u>MUD</u>	<u>MUD</u>
Salinity PPM Cl		
Weight lb./gal.		<u>213'</u>
Fluid Level		<u>90</u>
Max. Hole Temp.		

BEFORE EXAMINER NUTT
OIL CONSERVATION COMMISSIC
APP. EXHIBIT NO. 3-A
CASE NO. 1214

Recorded By P. C. HARRIS
Witnessed By H. PUCKETT

BORE HOLE RECORD

CASING RECORD

Run	Bit	From	To	Size	Wgt.	From	To
-1-	11"	SURF.	110'	8 5/8"		SURF.	110'
	7 7/8"	110'	2762'	5 1/2"		SURF.	

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



SIMULTANEOUS

Gamma Ray-Neutron

COMPANY JOHN H. TRIGG

Other Surveys

WELL FEDERAL TRIGG

Location of Well

CO. 31-4

1980' From W/L

990' From W/L

FIELD CAPROCK

LOCATION SEC 4-13S-31E

Elevation: D.F.:

K.B.:

or G.L.: 4135

COUNTY LEA

STATE NEW MEXICO

FILING No.

Log Depths Measured From

GL

Ft. above

RUN NO.

Date 3-13-59

First Reading 2760

Last Reading 160

Footage Measured 2600

Max. Depth Reached 2761

Bottom Driller 2757

Maximum Temp. F.

Fluid Nature OIL

Fluid Level 165

Casing Size in.

Casing Weight lb.

Casing Size 4 1/2 in.

Casing Weight 9 1/2 lb.

Bit Size in.

Bit Size in.

No. Counters Used 2

Type Equipment GRAM-4

Type Panel GRP-C

Opr. Rig Time 2 HOURS

Truck No. 2525 HUBBS

Observer MAHONEY

Witness PUCKETT

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

and EXHIBIT NO. 3-B

CASE NO. 1714

to in. }
lb. } to
to 27.7 in. }
lb. } to
to in. }
to in. } to

FOLD HERE

WELEX



RADIOACTIVITY LOG

COMPANY JOHN H. TRIGGWELL FEDERAL TRIGG 30-4FIELD CAPROCK QUEENCounty CHAVESState NEW MEXICO

File _____

COMPANY JOHN H. TRIGGWELL FEDERAL TRIGG 30-4FIELD CAPROCK QUEENCOUNTY CHAVES STATE NEW MEXICO

Location

2310' FSL
990' FWL

Other Logs

NONE

Sec. 4 Twp. 14-S Rge 31-E

Elevation

Permanent Datum GROUND LEVEL Elev. 4125'Log Measured From KELLY BUSHINGDrilling Measured From KELLY BUSHINGKB. 4131'DF. 4129'GL. 4125'

Type Log	GAMMA	N/GAMMA
Run No.	ONE	ONE
Date	5-18-59	5-18-59
Total Depth Driller	2763'	2763'
Present Depth Driller	2763'	2763'
Total Depth Welex	2749'	2759'
Survey Begins	2749'	2759'
Survey Ends	0'	0'
Mud Data		

Type Fluid in Hole	WATER
Salinity PPM Cl	
Weight lb./gal.	
Fluid Level	140'
Max. Hole Temp.	88°

Recorded By J.D. YOUNG
Witnessed By H. PUCKETT

BEFORE EXAMINER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3-0
CASE NO. 1764

BORE HOLE RECORD

CASING RECORD

Run	Bit	From	To	Size	Wgt.	From	To
ONE	11"	SURF	101'	8 5/8"		SURF	101'
	7 7/8"	101'	2763'	4 1/2"		SURF	2763'

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SIMULTANEOUS



Gamma Ray-Neutron

COUNTY CHAVES FIELD or LOCATION CAPROCK WELL FEDERAL TRIGG NO. 28-9 COMPANY JOHN H. TRIGG	COMPANY	JOHN H. TRIGG	Other Surveys
	WELL	FEDERAL TRIGG	Location of Well
		NO. 28-9	660' From S/L 660' From W/L
	FIELD	CAPROCK	
	LOCATION	SEC 9-14S-31E	
	COUNTY	CHAVES	Elevation: D.F.: K.B.: 4138 or G.L.: 4132
	STATE	NEW MEXICO	FILING No.

Log Depths Measured From KB 6 Ft. above GL

RUN NO.	1
Date	5-12-59
First Reading	2758
Last Reading	200
Footage Measured	2558
Max. Depth Reached	2759
Bottom Driller	2758
Maximum Temp. °F.	
Fluid Nature	WATER
Fluid Level	320
Casing Size	4 1/2 in.
Casing Weight	9 1/2 lb.
Casing Size	in.
Casing Weight	lb.
Bit Size	in.
Bit Size	in.
No. Counters Used	GR-2 N-1
Type Equipment	GNAM-3
Type Panel	GNP-C
Opr. Rig Time	2 HOURS
Truck No.	2525 HOBBS
Observer	MAHONEY
Witness	PUCKETT

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
APP EXHIBIT NO. 3-D
CASE NO. 1714

in.	to
lb.	to
in.	to
lb.	to
in.	to
in.	to

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SIMULTANEOUS



Gamma Ray-Neutron

COUNTY CHAVES FIELD or LOCATION CAPROCK WELL FEDERAL TRIGG NO. 22-4 COMPANY JOHN H. TRIGG	COMPANY <u>JOHN H. TRIGG</u>	Other Surveys
	WELL <u>FEDERAL TRIGG</u>	Location of Well
	<u>NO. 22-4</u>	1980' From S/L
	FIELD <u>CAPROCK</u>	1980' From W/L
	LOCATION <u>SEC 4-14S-31E</u>	Elevation: D.F.: _____
COUNTY <u>CHAVES</u>	K.B.: <u>4160</u>	
STATE <u>NEW MEXICO</u>	AKG or G.L.: <u>4154</u>	
	FILING No. _____	

Log Depths Measured From KB 6 Ft. above GL

RUN NO.	1	
Date	<u>5-12-59</u>	
First Reading	<u>2769</u>	
Last Reading	<u>100</u>	
Footage Measured	<u>2669</u>	
Max. Depth Reached	<u>2770</u>	
Bottom Driller	<u>2776</u>	
Maximum Temp. °F.		
Fluid Nature	<u>WATER</u>	
Fluid Level	<u>FULL</u>	
Casing Size	<u>4 1/2 in.</u>	in. }
Casing Weight	<u>9 1/2 lb.</u>	lb. }
Casing Size	in. }	to T.D.
Casing Weight	lb. }	to
Bit Size	in. }	to
Bit Size	in. }	to
No. Counters Used	<u>GR-2 N-1</u>	
Type Equipment	<u>GNAM-3</u>	
Type Panel	<u>GNP-C</u>	
Opr. Rig Time	<u>2 HOURS</u>	
Truck No.	<u>2525 HOBBS</u>	
Observer	<u>MAHONEY</u>	
Witness	<u>PUCKETT</u>	

BEFORE EXAMINER NUTTI
 OIL CONVENTION CO. 3-ESTO
 APP. EXHIBIT NO. 3-E
 CASE NO. 1714

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS

SIMULTANEOUS



Gamma Ray-Neutron

COUNTY CHAVES FIELD or LOCATION CAPROCK QUEEN WELL FEDERAL TRIGG COMPANY JOHN H. TRIGG	COMPANY <u>JOHN H. TRIGG</u>	Other Surveys PGP
	WELL <u>FEDERAL TRIGG</u>	Location of Well 990' FROM S/L 2310' FROM W/L
	FIELD <u>CAPROCK QUEEN</u>	
	LOCATION <u>SEC. 4-14S-31E</u>	
	COUNTY <u>CHAVES</u>	Elevation: D.F.: <u>4165</u> K.B.: <u>4167</u> or G.L.: <u>4161</u>
	STATE <u>NEW MEXICO</u>	FILING No. _____

Log Depths Measured From KB 6.0 Ft. above GL

RUN NO.	1
Date	6-2-59
First Reading	2787
Last Reading	80
Footage Measured	2707
Max. Depth Reached	2788
Bottom Driller	2788
Maximum Temp. °F.	
Fluid Nature	WATER
Fluid Level	FULL
Casing Size	8 5/8 in. }
Casing Weight	lb. } SURF. to 108
Casing Size	4 1/2 in. }
Casing Weight	lb. } SURF. to TD
Bit Size	11" in. SURF. to 108
Bit Size	7 7/8 in. 108 to TD
No. Counters Used	GR-2 N-1
Type Equipment	GNAM-3
Type Panel	GNP-C
Opr. Rig Time	2 HOURS
Truck No.	2525-HOBBS
Observer	VANN
Witness	PUCKETT

BEFORE EXAMINER NUTTER
 OIL CONSERVATION COMMISSION
and EXHIBIT NO. 3-F
 CASE NO. 1714

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



SIMULTANEOUS

Gamma Ray-Neutron

COUNTY <u>LEA</u> FIELD or LOCATION <u>CAPROCK</u> WELL <u>FEDERAL TRIGG</u> NO. <u>20-9</u> COMPANY <u>JOHN H. TRIGG</u>	COMPANY <u>JOHN H. TRIGG</u>	Other Surveys
	WELL <u>FEDERAL TRIGG</u>	Location of Well
	<u>NO. 20-9</u>	660' From L/L 1380' From W/L
	FIELD <u>CAPROCK</u>	Elevation: D.F.: K.B.: or G.L.: <u>4142</u>
	LOCATION <u>SEC 9-14S-31E</u>	FILING No.
COUNTY <u>LEA</u>	STATE <u>NEW MEXICO</u>	

Log Depths Measured From GL Ft. above

RUN NO.	<u>1</u>		
Date	<u>3-13-59</u>		
First Reading	<u>2751</u>	EXAMINER NUTTER IN COMMISSION <u>GPP.</u> REPORT NO. <u>3-6</u> CASE NO. <u>1714</u>	
Last Reading	<u>100</u>		
Footage Measured	<u>2651</u>		
Max. Depth Reached	<u>2752</u>		
Bottom Driller	<u>2756</u>		
Maximum Temp. °F.			
Fluid Nature	<u>OIL</u>		
Fluid Level	<u>FULL</u>		
Casing Size	in. }	in. }	
Casing Weight	lb. }	lb. }	to
Casing Size	<u>4 1/2</u> in. }	in. }	
Casing Weight	<u>9 1/2</u> lb. }	lb. }	to
Bit Size	in. }	in. }	to
Bit Size	in. }	in. }	to
No. Counters Used	<u>GR-2 C-1</u>		
Type Equipment	<u>LAM-4</u>		
Type Panel	<u>GIP-C</u>		
Opr. Rig Time	<u>2 HOURS</u>		
Truck No.	<u>2525 HODDS</u>		
Observer	<u>MAHONEY</u>		
Witness	<u>PUCKETT</u>		