KERN COUNTY LAND CO. NO. 6 STATE 1-43
W/2 W/2 Sec 20-18N-25E, Apache

County Apache

Area

Lease No.

Well Name KERN COUNTY LAND COMPANY NO. 6 STATE

Location W/2 W/2 Sec 20 Twp 18N Range 25E Footage 2640 FNL - 141 FWL

Elev 5418 Gr KB Spud Date 4-15-64 Completed Abandon 4-20-64 Total Depth 1021

Contractor

Drilled by Rotary
Cable Tool

Casing Size	Depth	Cement

Production Horizon

Initial Production

REMARKS For additional correspondence, see file #1-23

Elec Logs Gamma Ray Neutron -2

Sample Log
Sample Descript.
Sample Set
Core Analysis
DSTs

Applic. to Plug Plugging Record Completion Report

Water well accepted by

Bond Co. & No.

Bond Am't $ Cancelled Date Organization Report

Filing Receipt Dated Well Book Plat Book

Loc. Plat Dedication

API NO. 02-001-05041

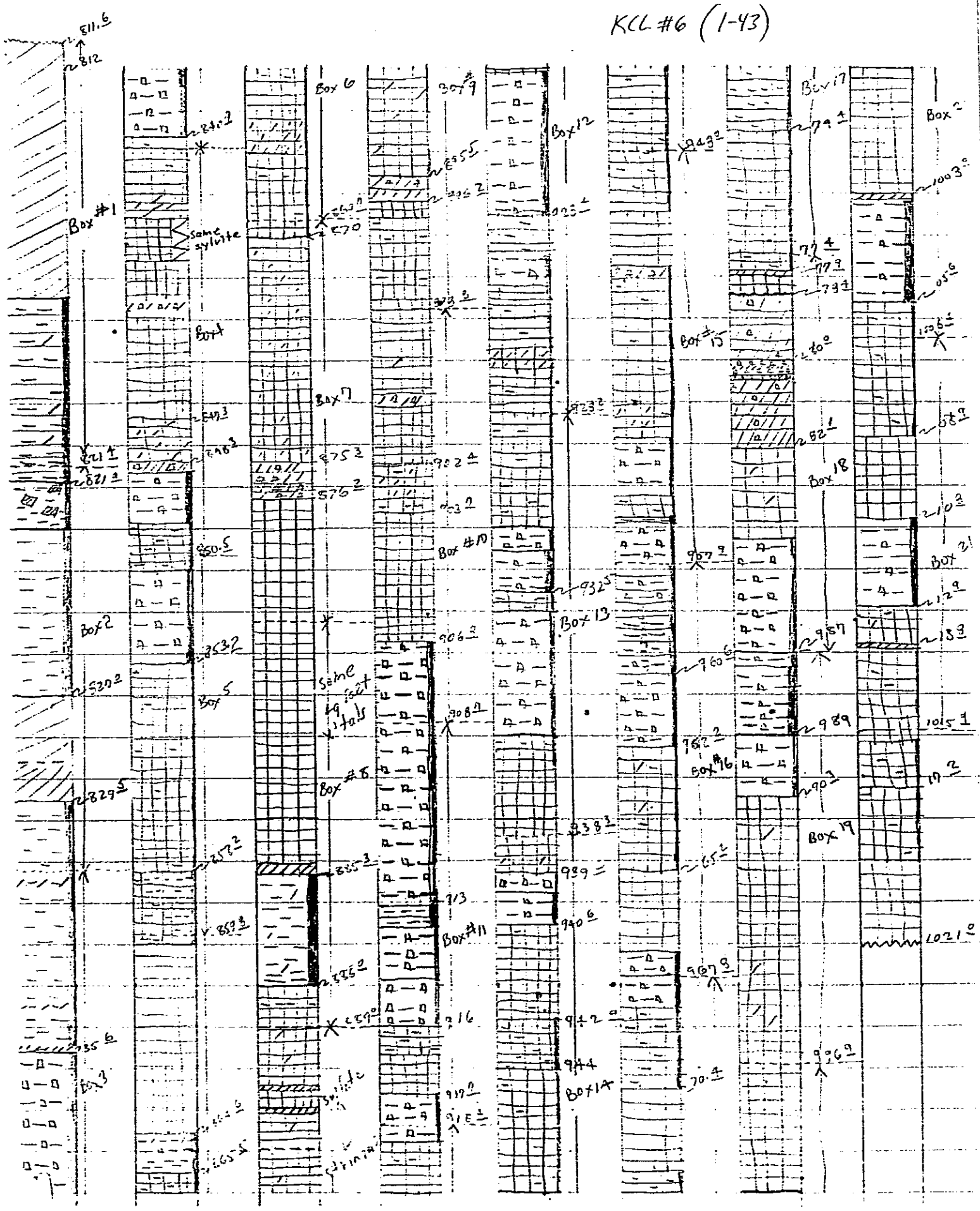
Permit Number Date Issued

1-43

KCL-6

#2054

KCL #6 (1-43)



1-43

SCHLUMBERGER

GAMMA RAY NEUTRON

COUNTY ______
FIELD or LOCATION ______
WELL ______
COMPANY ______

COMPANY Kern County Land Company
WELL KC-6
FIELD Wildcat
LOCATION Sec. 20-18N-26E
COUNTY Apache
STATE Ariz.

Location of Well

Elevation: D.F.: ______
K.B.: ______
or G.L.: 5418

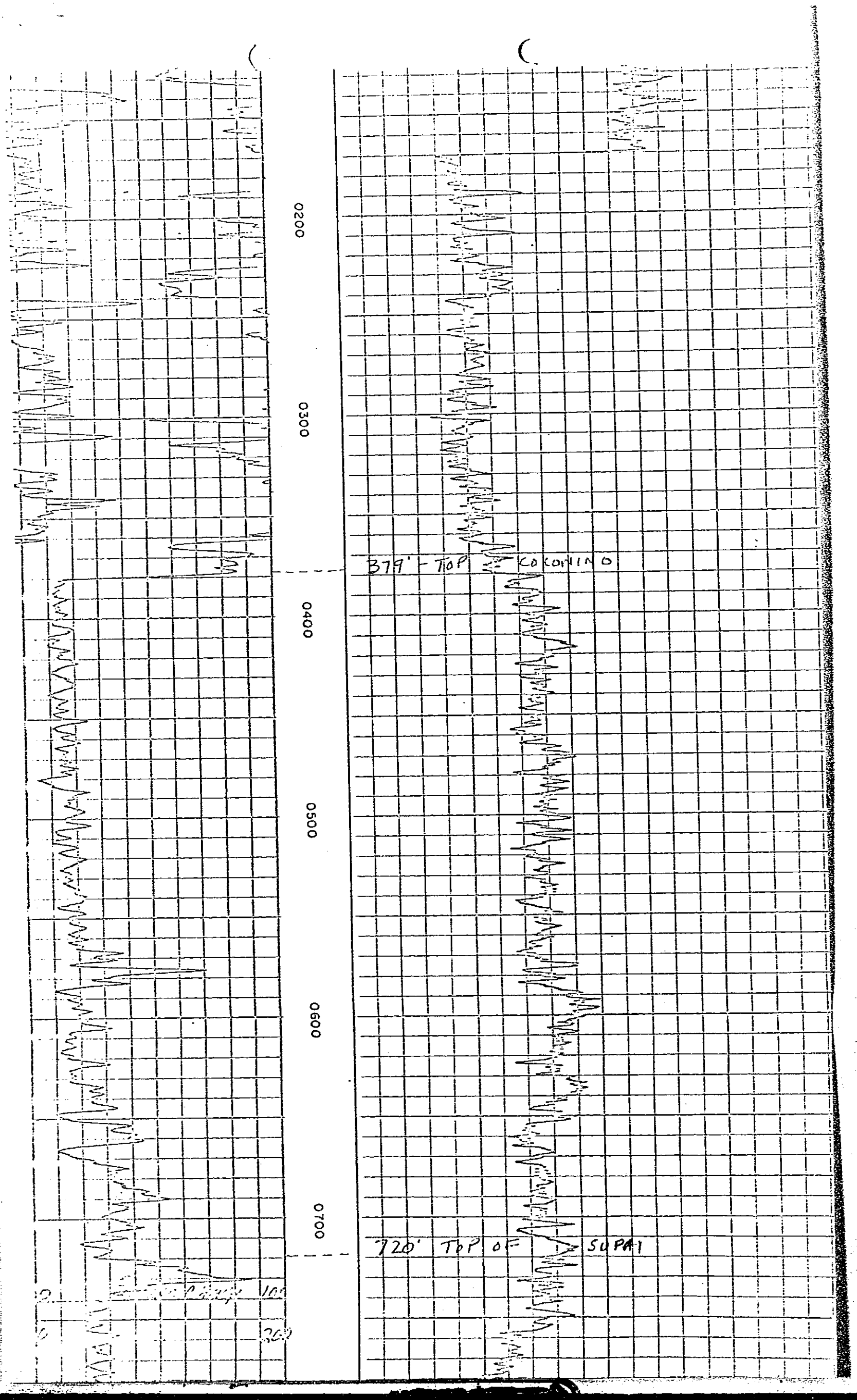
FILING No. ______

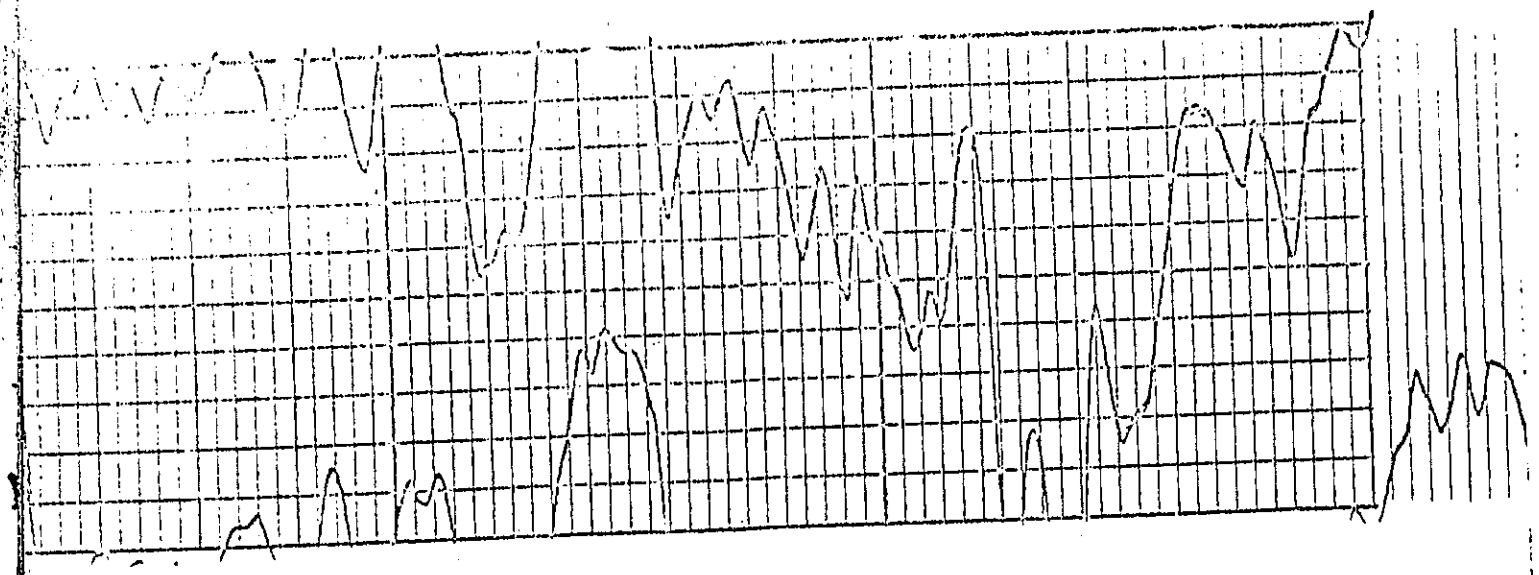
RUN No.	ONE	
Date	4-20-67	
First Reading	1020	
Last Reading	100	
Feet Measured	920	
Csg. Schlum.	—	
Csg. Driller	812	
Depth Reached	1021	
Bottom Driller	1021	
Depth Datum	GL	
Mud Nat.	Diesel	
Density		
Viscosity		
Resist.	@ F	@ F
Res. BHT	@ F	@ F
pH	@ F	@ F
Wtr. Loss	CC 30 min.	CC 30 min.
Max. Temp. F	75	
Bit Size	5 7/8	
Opr. Rig Time	[illegible]	
Truck No.	[illegible]	
Recorded By	[illegible]	
Witness	[illegible]	

FOLD HERE

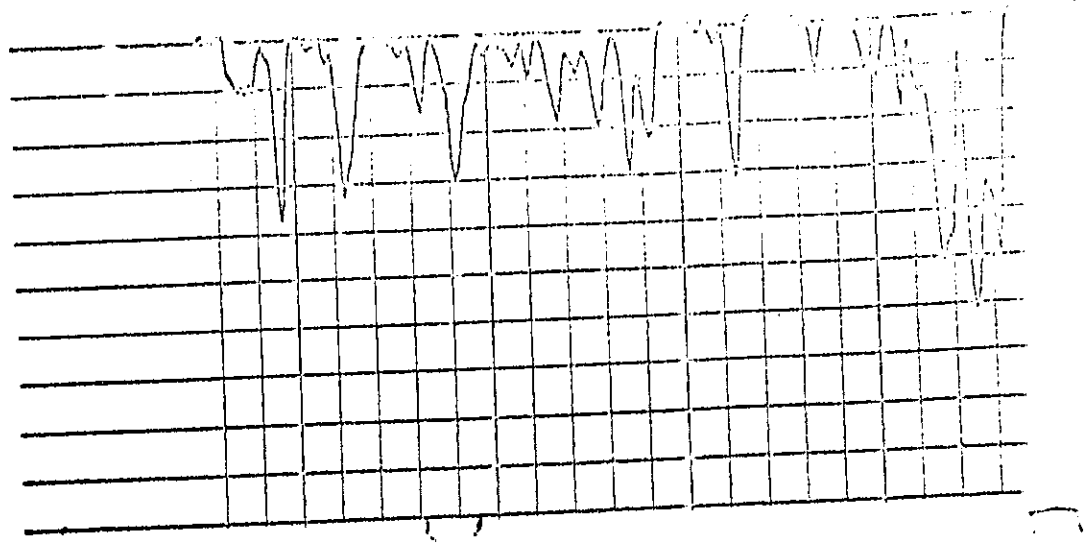
REMARKS [illegible]
[illegible] TO 812 [illegible] 812
[illegible] TO TD [illegible]
SGT-A Gamma Ray SGT-A
1 11/16" 1 11/16
[illegible] [illegible]
[illegible] [illegible]
10" [illegible] SCOUT [illegible]
[illegible] 3B- [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

GAMMA RAY API UNITS		NEUTRON API UNITS
150 TO 300		
50 TO 150 100		0 1000
200		

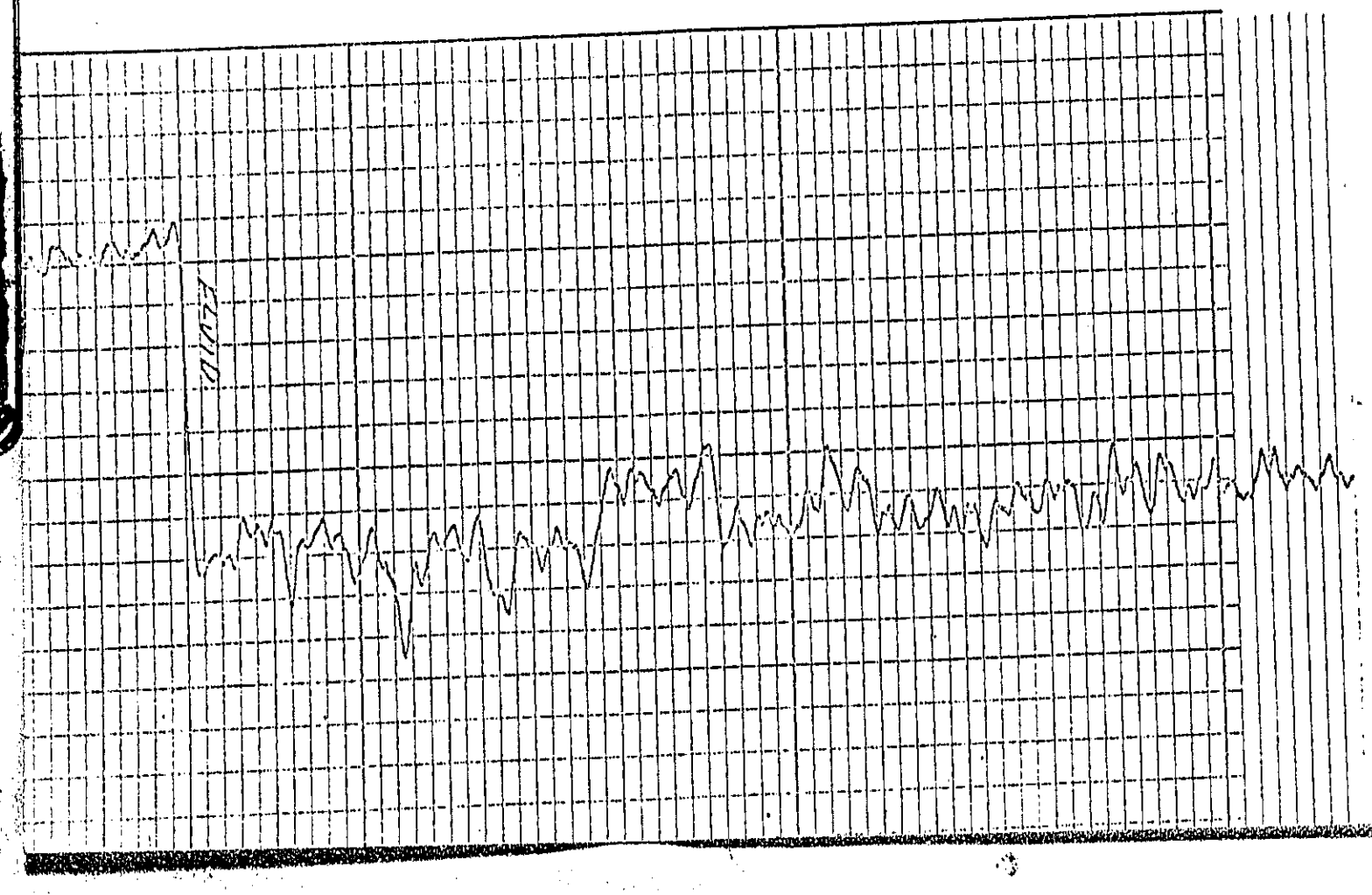

0200
0300
0400
0500
0600
0700
379' - TOP COCONINO
720' TOP OF SUPAI

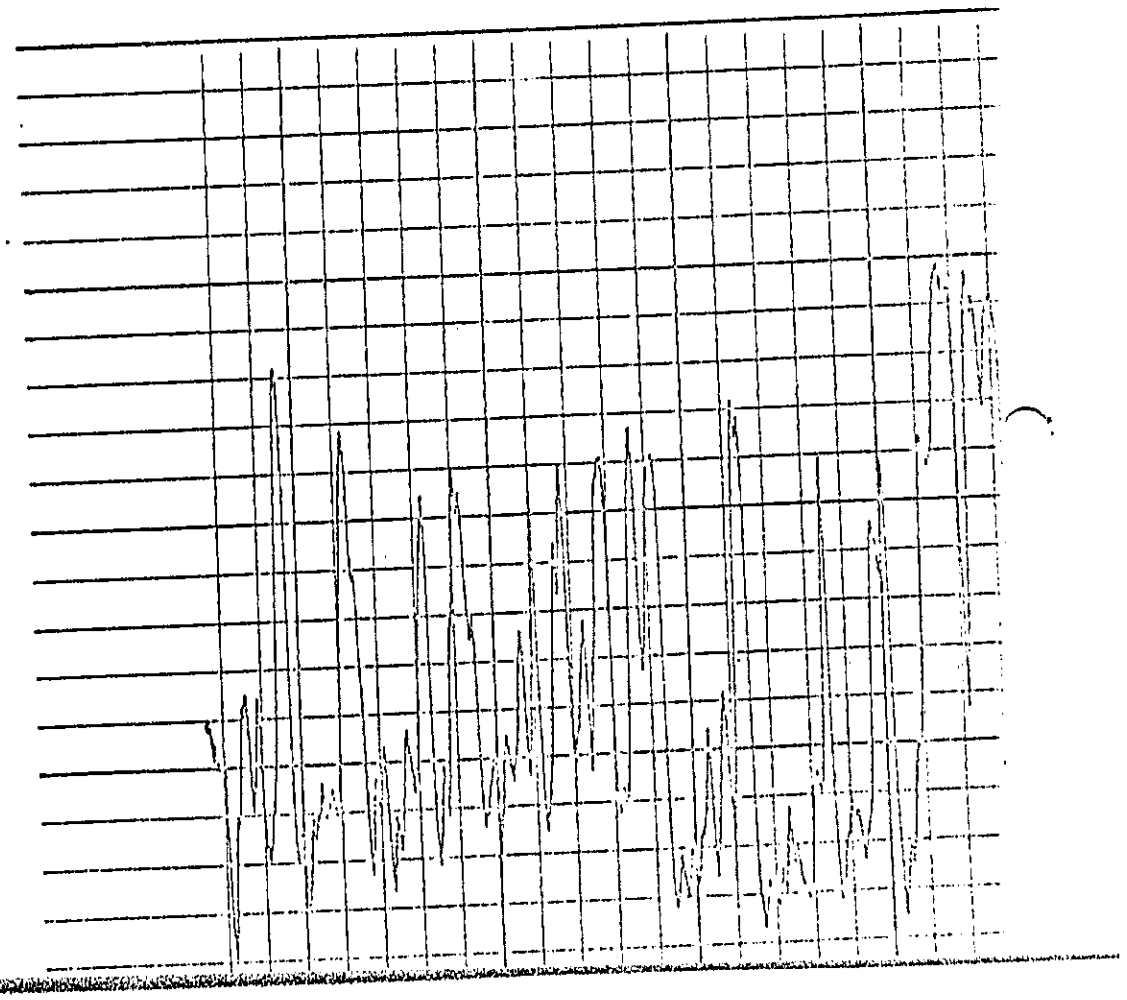


0010



0001 0060





#1-43

SCHLUMBERGER

GAMMA RAY NEUTRON

COMPANY Kern County Land Company

WELL KCL 6

FIELD Wildcat

LOCATION Sec-20-1BN-25E 2640 FNL 141 FWL

COUNTY Apache

STATE Ariz.

Location of Well

Elevation: D.F.:
K.B.:
or G.L.: 5418 (B.11185)

FILING No.

COUNTY
FIELD or LOCATION
WELL
COMPANY

RUN No.	ONE		
Date	4-20-64		
First Reading	1020		
Last Reading	100		
Feet Measured	920		
Esg. Schlum.	—		
Esg. Driller	812		
Depth Reached	1021		
Bottom Driller	1021		
Depth Datum	12		
Mud Nat.	Diesel		
" Density	?		
" Viscosity	?		
" Resist.	@ F	@ F	
" Res. BHT	@ F	@ F	
" pH	@ F	@ F	
" Wtr. Loss	CC 30 min.	CC 30 min.	
Max. Temp. F	75 M.		
Bit Size	3 7/8		
Spr. Rig Time	1		
Truck No.	[illegible]		
Recorded By	[illegible]		
Witness	[illegible]		

FOLD HERE

REMARKS [illegible]

GAMMA RAY API UNITS

750 TO 750 200

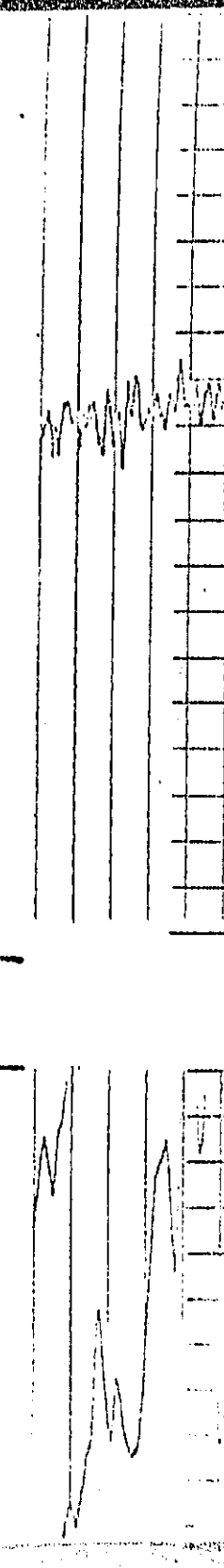
50 TO 750 100

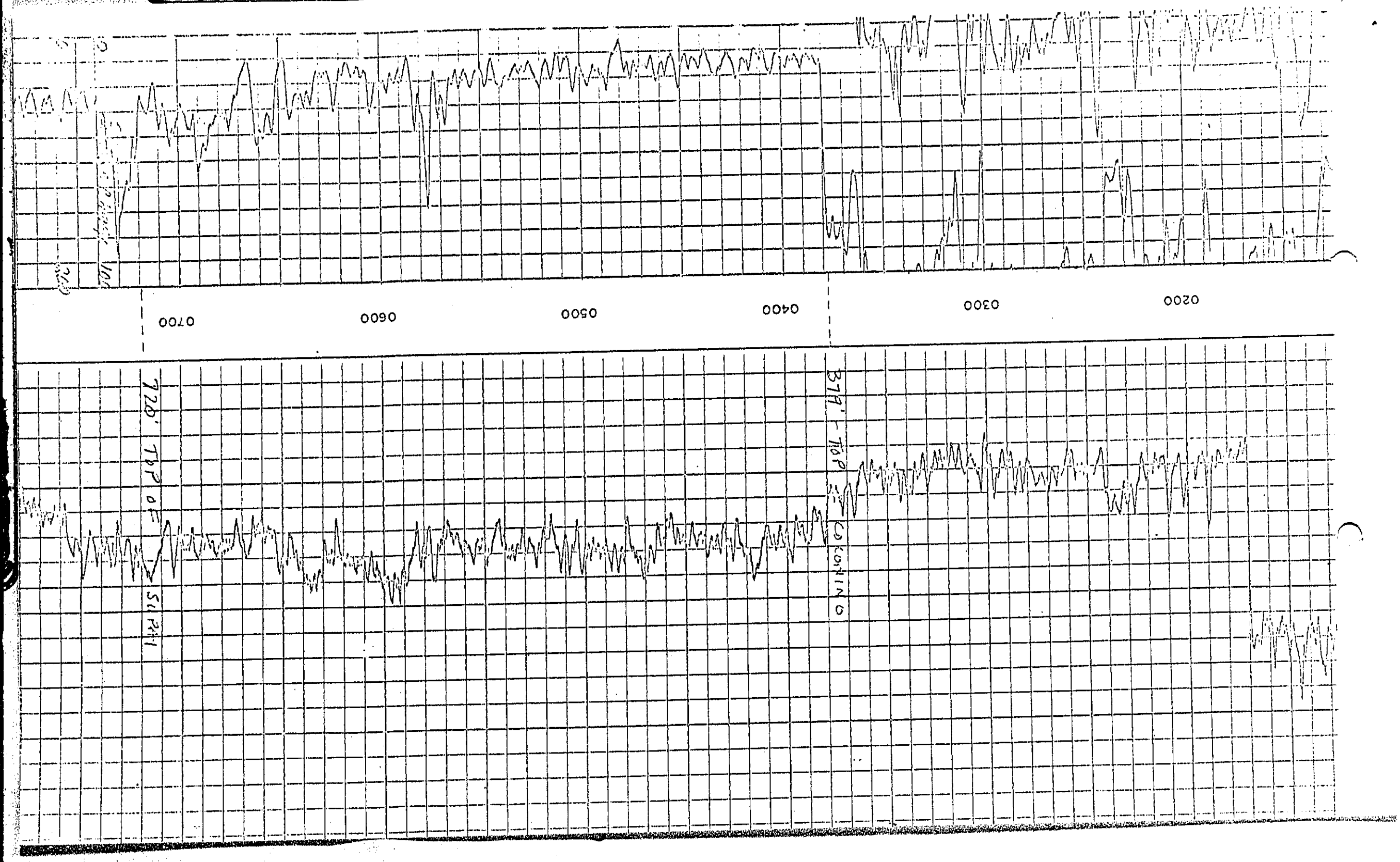
200

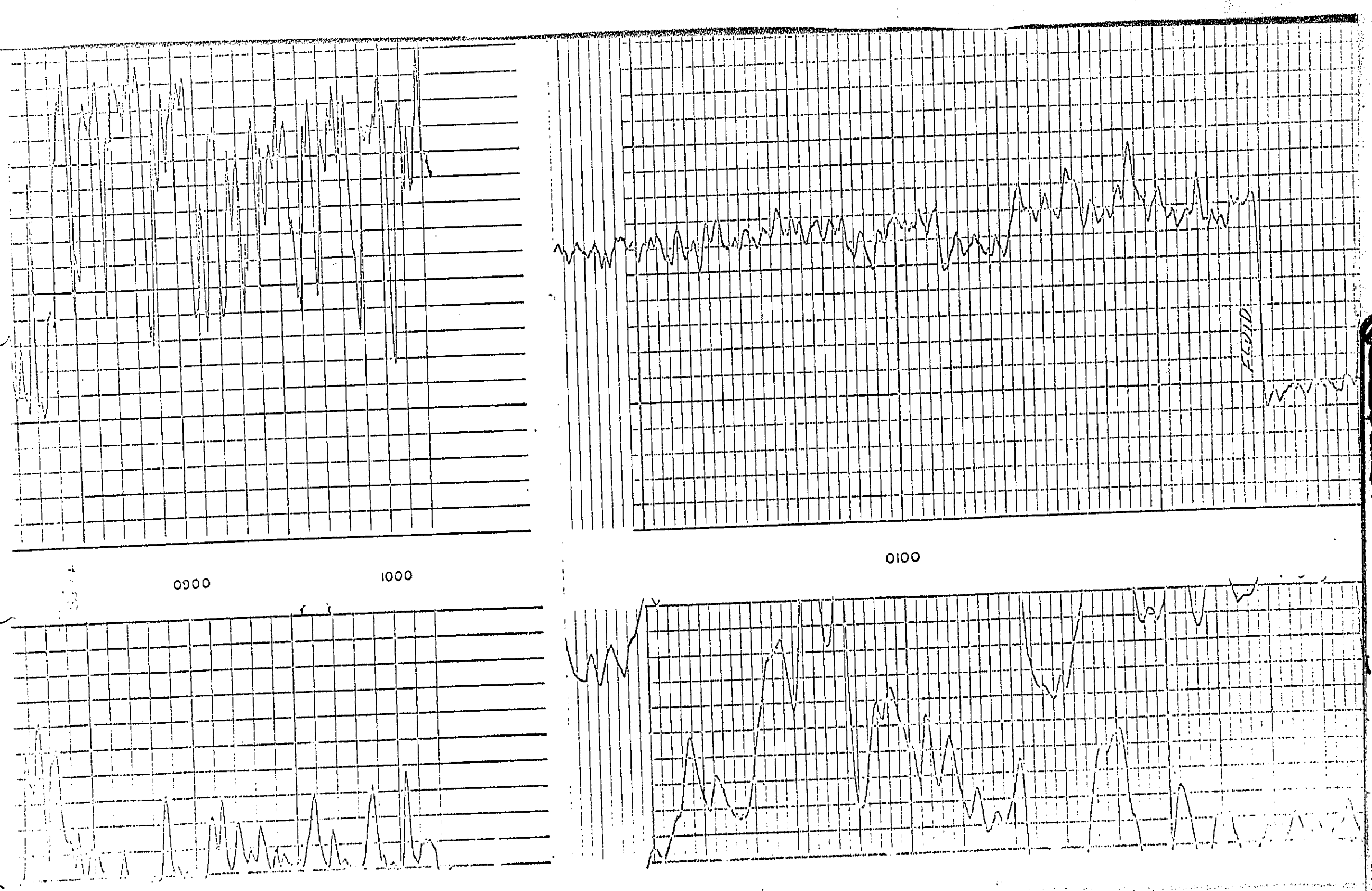
NEUTRON API UNITS

1000

0




0700
0600
0500
0400
0300
0200
720' TOP OF SUPPL
379' - TOP OF CONTINO


0900
1000
0100

KERN COUNTY LAND COMPANY - POTASH TEST HOLES - APACHE COUNTY, ARIZONA

Drill Hole Number	DRILL HOLE LOCATION				Mineral Land Status	Ground Elevation	DEPTH TO TOP OF					Total Depth	Date Started	Date Completed
	Township	Range	Section	Location			Coconino	Supai	Anhydrite "A" Bed	Anhydrite "B" Bed	Halite			
KCL No. 1 (O&GCC (1-35))	18 N	24 E	C-S^2, SW 2	660'FSL, 1320'FWL	State P.P.#1596	5342'	450'	830'	None	912'	969.5'	1134'	2-17-64	2-25-64
KCL No. 2 (O&GCC #1-25) (U.S.B.-Navajo #2)	17 N	25 E	C - 22	2640'FSL, 2626'FEL	State P.P. -	5710'±	821'	1170'	? 1220'	? 1257'	? 1245'	1430'	3- 1-64	3- 8-64
KCL No. 3 (O&GCC #1-24)	17 N	25 E	C-N^2, NE 6	660'FNL, 1320'FEL	State P.P.#1128	5600'±	775'	1128'	1184'	1220	1234.2'	1385'	3-14-64	3-22-64
KCL No. 4 (O&GCC #1-26) (Phillips 1-P)	17 N	25 E	C-NW, NW 29	660'FWL, 660'FNL	Private GREER	5630'±	694'	1046'	1100	1133	1136.4'	1305'	3-26-64	4- 1-64
KCL No. 5 (O&GCC #1-34)	18 N	24 E	C-S^2, SE 12	660'FSL, 1320'FEL	State P.P.#1597	5367'	375'	742'	None	821'	846.6'	1012'	4- 5-64	4-11-64
KCL No. 6 (O&GCC No. 1-43) (Duval Permit)	18 N	25 E	W^2, W^2 20	2640'FNL, 141'FWL	State P.P. -	5418'	379'	720'	None	806'	835.8'	1021'	4-15-64	4-20-64
KCL No. 7 (O&GCC #1-23)	17 N	25 E	C-NE, NE 2	660'FNL, 660'FEL	State P.P.#1126	5800'	1018'	1350'	1399'	1433'	1445'	1600'	6- 6-64	6-18-64
KCL No. 8 (O&GCC #1-44)	18 N	25 E	SE, SE 24	419'FSL, 882'FEL	State P.P.#1169	5710'	853'	1190'	1248'	1283'	1302'	1421'	6-21-64	7- 1-64

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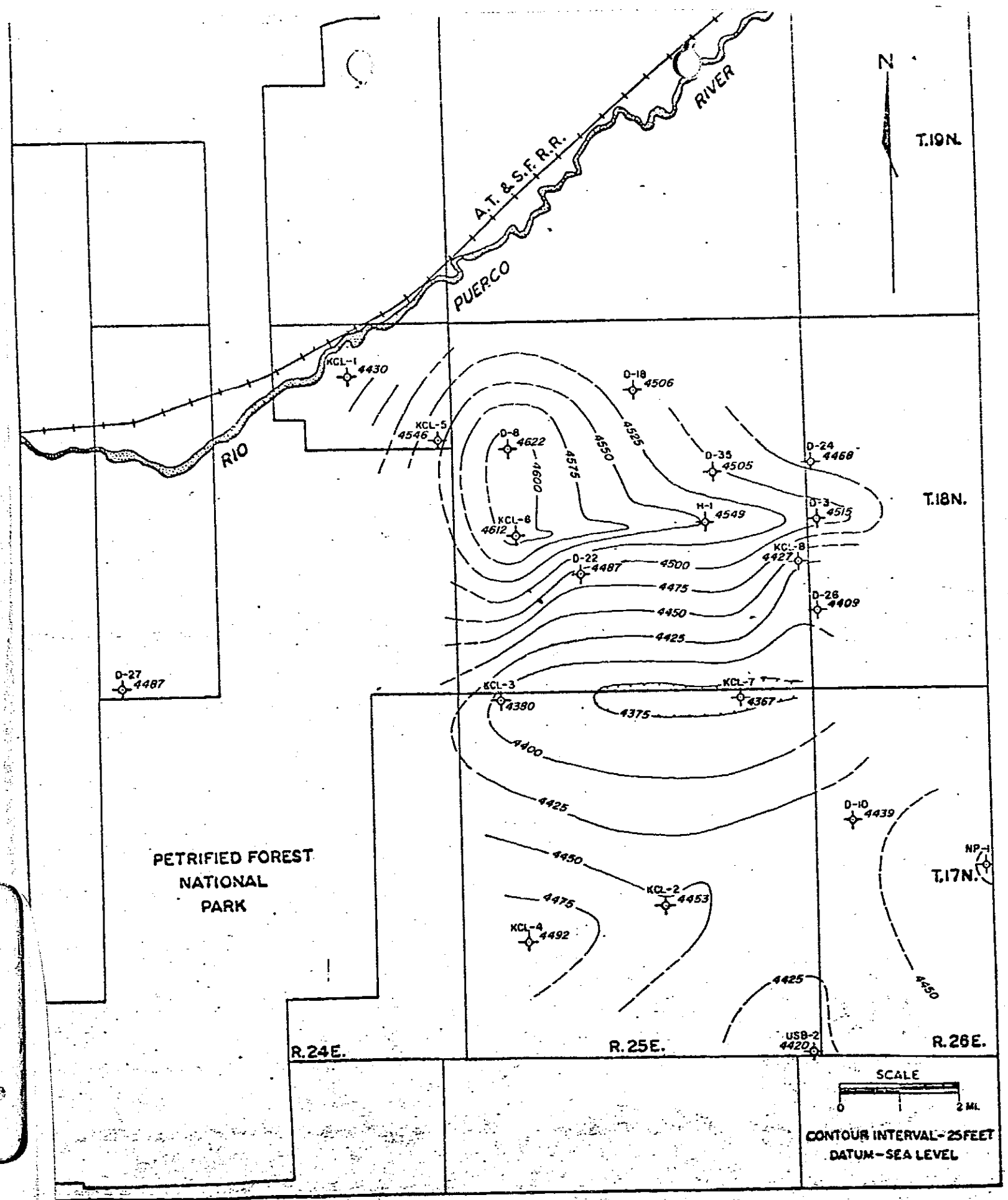
CONS. COMM.

Completed By: WAYNE K. WALLACE

November 4, 1965

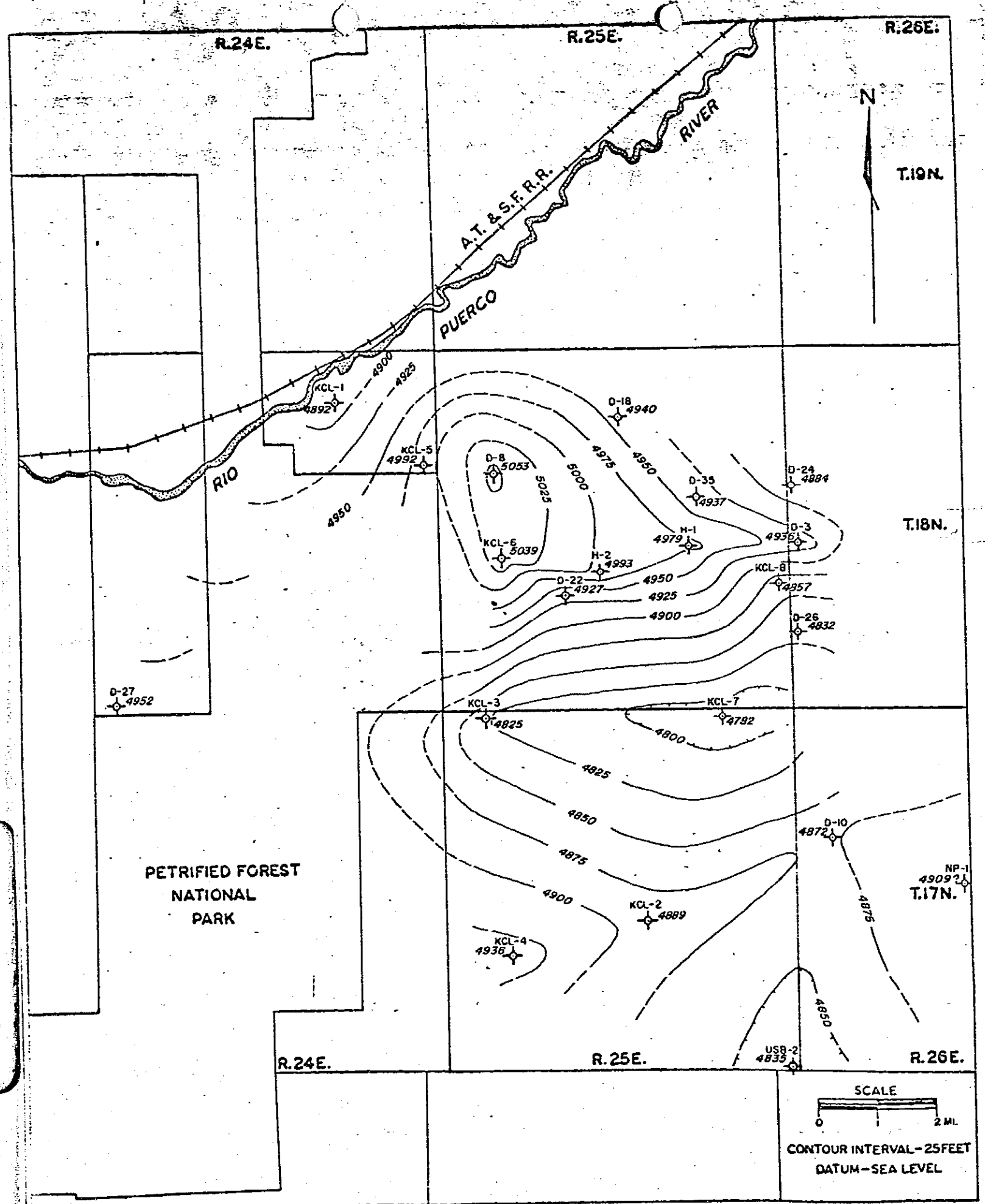


STRUCTURAL CONTOUR MAP

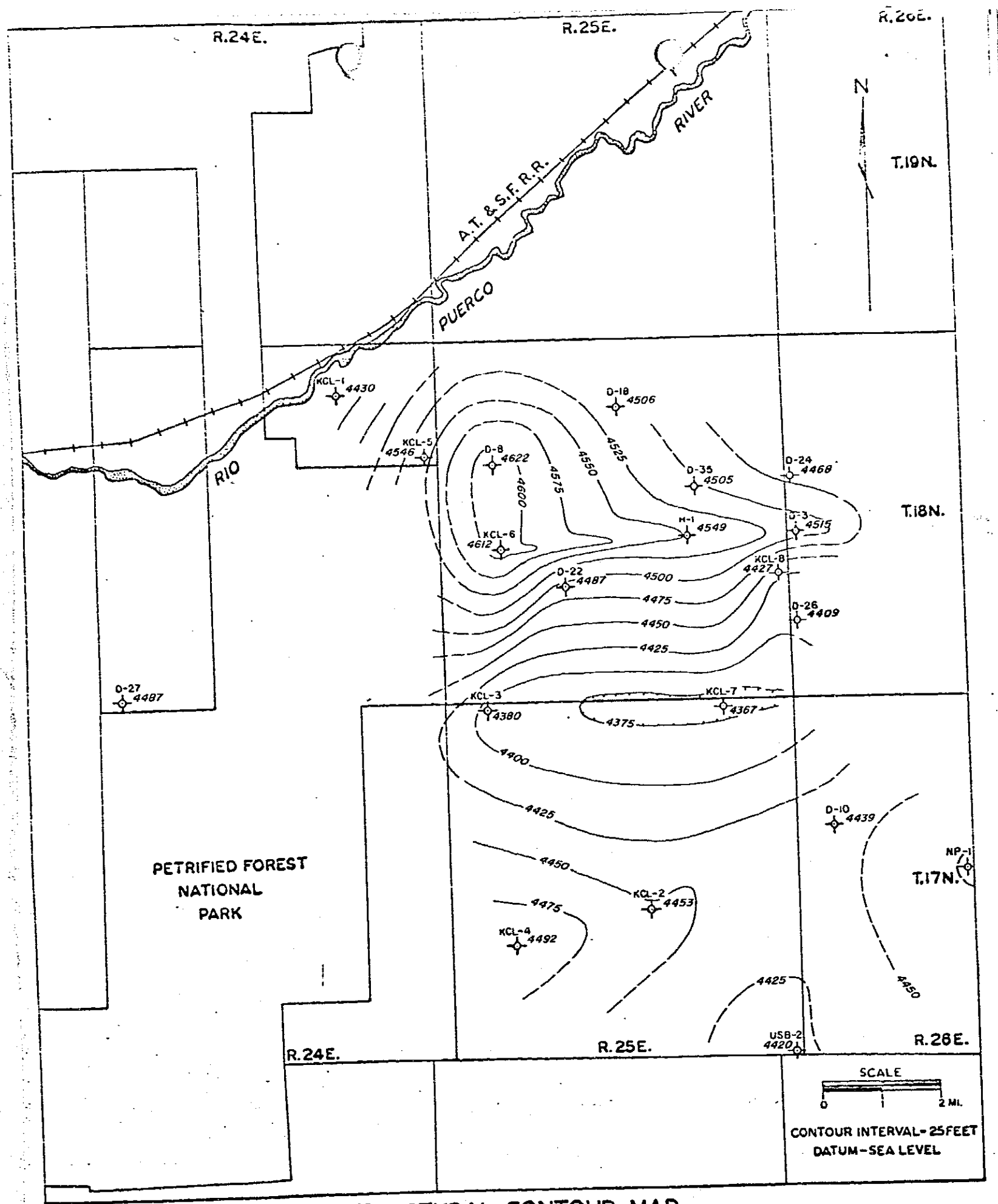
TOP OF ANHYDRITE "B" BED IN SUPAI FORMATION

AUGUST 6, 1964
BY: WAYNE WALLACE

KERN COUNTY LAND COMPANY
APACHE POTASH PROJECT
APACHE COUNTY, ARIZONA



STRUCTURAL CONTOUR MAP

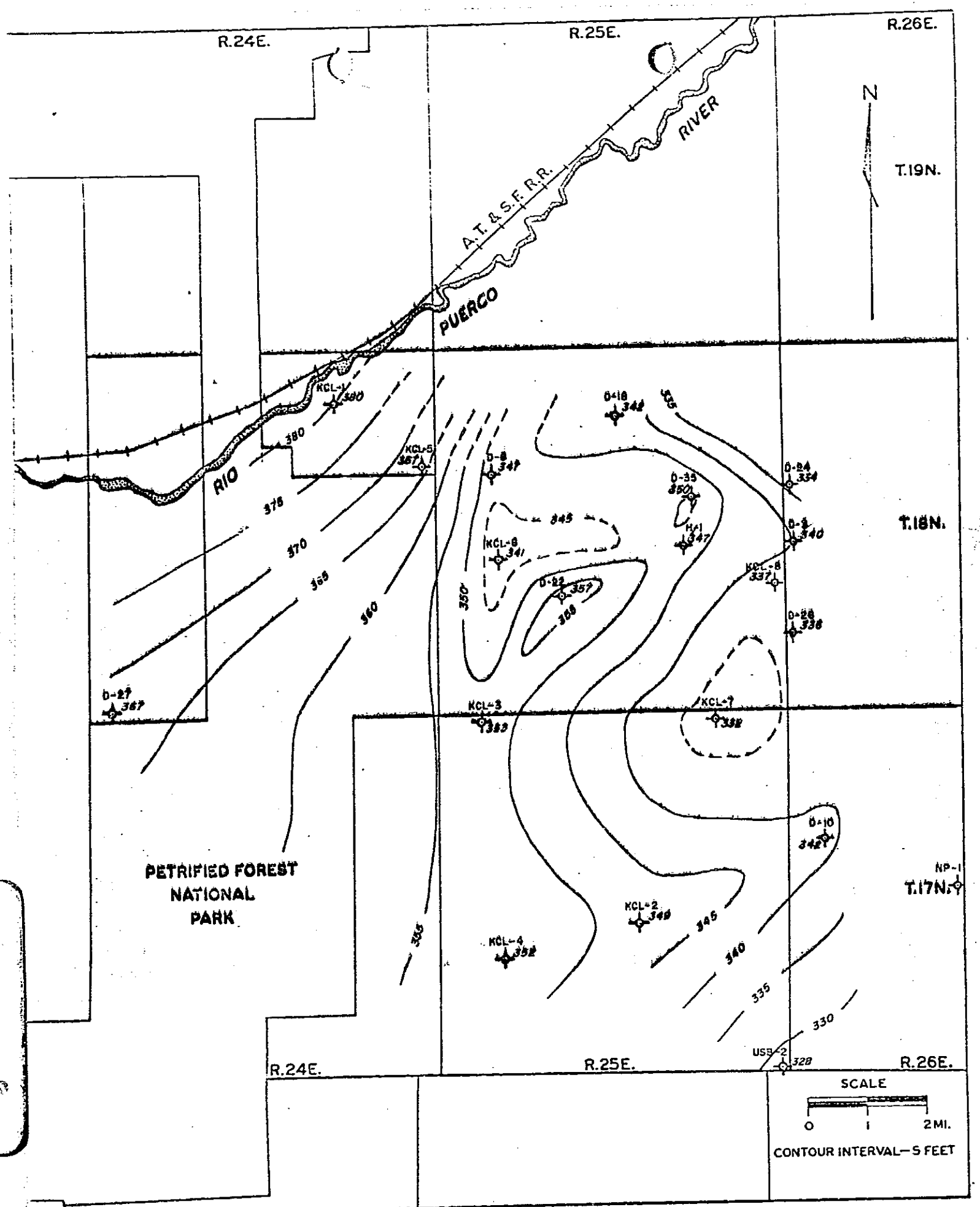


STRUCTURAL CONTOUR MAP

TOP OF ANHYDRITE "B" BED IN SUPAI FORMATION

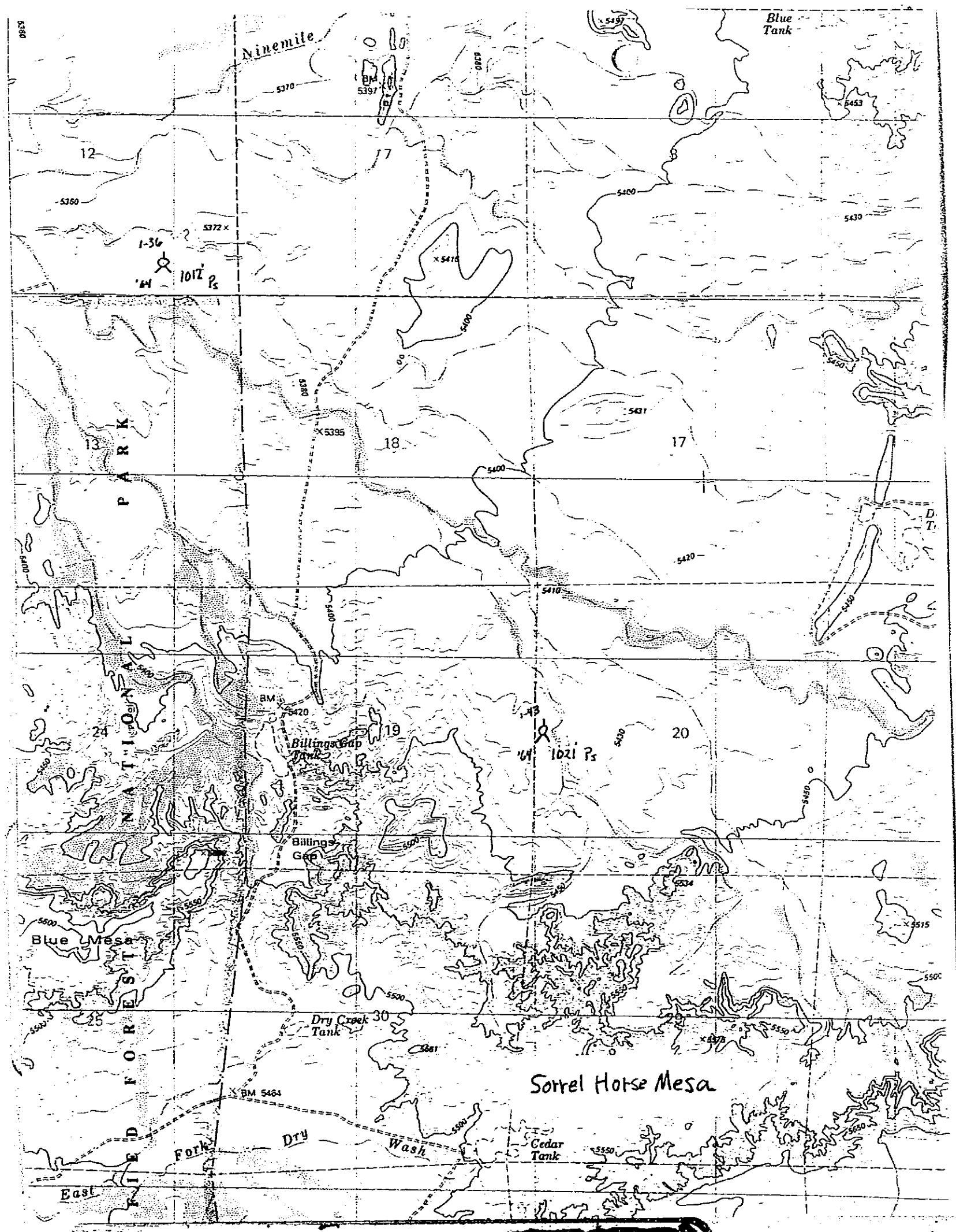
AUGUST 5, 1964
BY: WAYNE WALLACE

KERN COUNTY LAND COMPANY
APACHE POTASH PROJECT
APACHE COUNTY, ARIZONA



ISOPACH MAP
FROM TOP OF COCONINO SANDSTONE TO TOP OF SUPAI FORMATION
JULY 31, 1964
BY: WAYNE WALLACE

KERN COUNTY LAND COMPANY
APACHE POTASH PROJECT
APACHE COUNTY, ARIZONA


Ninemile
Blue Tank
12
17
13
18
17
24
19
20
25
30
29
1-36
'64
1012' Ps
1-13
'64
1021 Ps
BM 5397
BM 5420
BM 5464
Billings Gap Tank
Billings Gap
Blue Mesa
Dry Creek Tank
Sorrel Horse Mesa
Cedar Tank
East Fork Dry Wash
NATIONAL FOREST
PARK

KERN COUNTY LAND COMPANY
2624 North First Avenue
Tucson, Arizona

November 4, 1965

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CONS. COMM.

Mr. John Bannister
Executive Secretary
Oil and Gas Conservation Commission
State of Arizona
Room 202
1624 West Adams
Phoenix, Arizona 85007

Dear Mr. Bannister:

Enclosed are the following data pertaining to our 1964 Potash Project in Apache County, Arizona:

Item	Quantity	Description
1	2	Gamma Ray - Neutron Log KCL No. 1
2	2	" " " " KCL No. 3
3	2	" " " " KCL No. 5
4	2	" " " " KCL No. 6
5	2	" " " " KCL No. 7
6	2	" " " " KCL No. 8
7	2	Structural Contour Map - Top of Coconino Sandstone
8	2	Isopach Map - Coconino Sandstone
9	2	Structural Contour Map - Top of Anhydrite "B" Bed in Supai Formation
10	2	Itemized List of Drill Holes with Locations, Elevations, Formational Tops and Completion Dates

We have not furnished Gamma Ray - Neutron Logs on our Hole Designation of KCL No. 2 and KCL No. 4. Kern County Land Company drilled KCL No. 2 for the account of U.S. Borax. The U.S. Borax Designation for this Hole is Navajo #2. All detailed geologic and Gamma Ray - Neutron Logs are in the possession of U.S. Borax. The Phillips Petroleum Company drilled KCL No. 4 for the account of Kern County Land Company. The Phillips Designation for KCL No. 4 is Hole No. 1-P.

To: Mr. John Bannister
Oil and Conservation Commission
State of Arizona

November 4, 1965

The original Gamma Ray - Neutron Log for this Hole is in the custody of Phillips Petroleum Company. Kern County Land Company drilled KCL No. 6 for the account of the Duval Corporation on one of Duval's state prospecting permits.

You will note that I have designated an Anhydrite "A" and "B" bed. In my opinion the "B" bed can be correlated throughout most of the Supai Salt Basin. The Unit that I have designated the Anhydrite "A" bed is situated stratigraphically above the "B" bed; however, it occurs only locally and is not as consistent or widespread as the "B" bed. Formational tops designated with a question mark have been reported to me by third parties; however, I have not actually seen the core or logs and cannot guarantee their accuracy.

I wish to take this opportunity to thank personnel of the Arizona State Land Department and the Oil and Gas Conservation Commission for the splendid service and cooperation extended to The Kern County Land Company during our recent potash exploration program.

Very truly yours,

KERN COUNTY LAND COMPANY

Wayne K. Wallace

Wayne K. Wallace
Chief Mining Engineer

cc: Mr. W. T. Griswold

Encl. - 20

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NOV 5 1965
STATE O & G
CONS. COMM.