M-d

U. S. BORAX & CHEM. (KERN COUNTY)
W/2 E/2 Sec 22-17N-25E, Apache 1-25

County Apache

Area

Lease No.

Well Name U. S. BORAX & CHEM. (KERN COUNTY)

Location ~~W/2-E/2~~ C Sec 22 Twp 17N Range 25E Footage ~~ns~~ 2640FSL - 2626 FEL

Elev 5710 Gr KB Spud Date 3-1-64 Completed Abandon 3-8-64 Total Depth 1430'

Contractor

Drilled by Rotary
Cable Tool

Casing Size	Depth	Cement

Production Horizon

Initial Production

REMARKS For additional Correspondence see file #1-23

Elec Logs RADIOACTIVITY LOG-3

Applic. to Plug Plugging Record Completion Report

Sample Log
Sample Descript.
Sample Set
Core Analysis
DSTs

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. 02-001-05025

Permit Number Date Issued

1-25

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 log (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 (U.S.B.-Navajo #2) (O&GCC #1-25)	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 log (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 (Phillips 1-P) (O&GCC #1-26)	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 log (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 (Duval Permit) (O&GCC No. 1-43) log	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 log (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 log (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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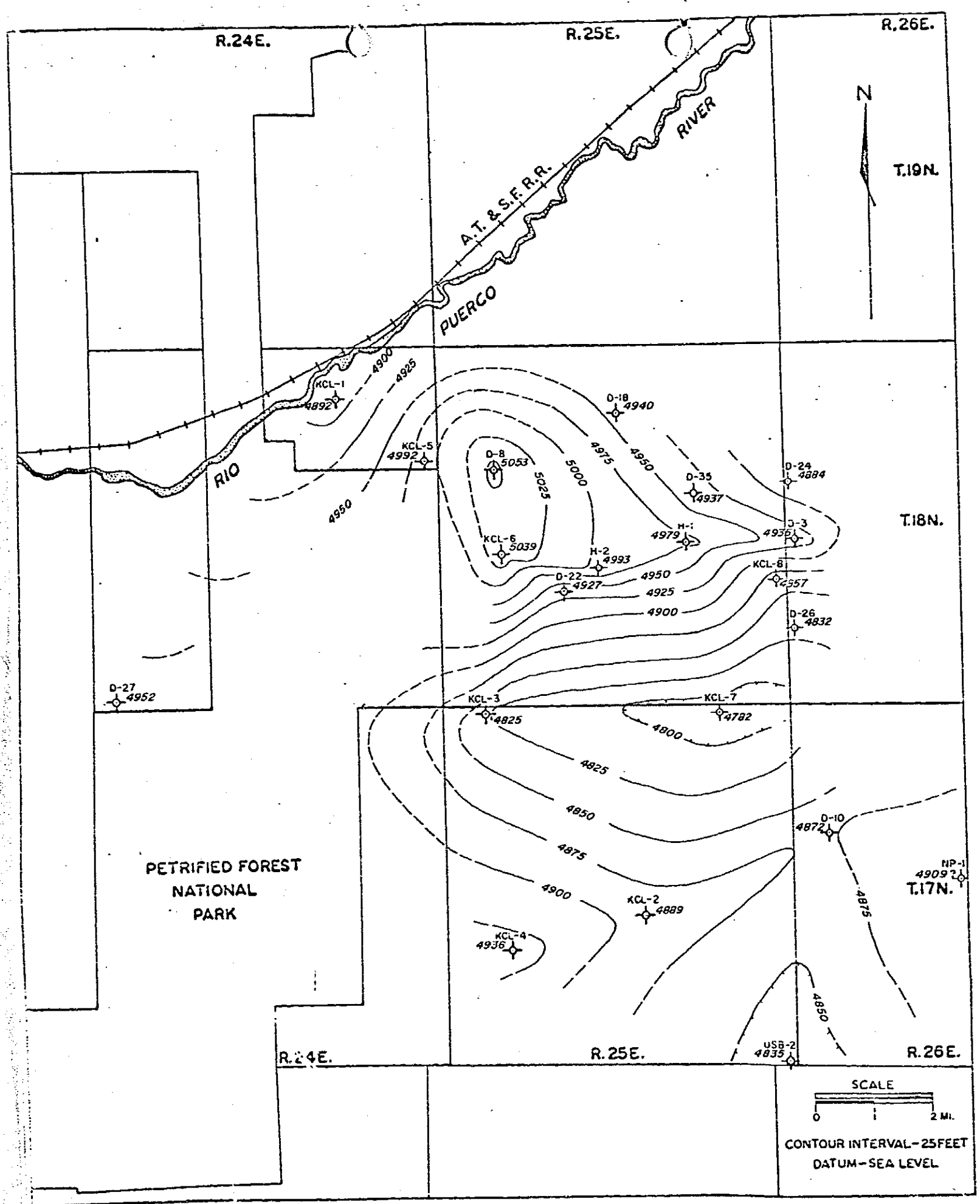
CONS. COMM.

Completed By: WAYNE K. WALLACE

November 4, 1965



STRUCTURAL CONTOUR MAP

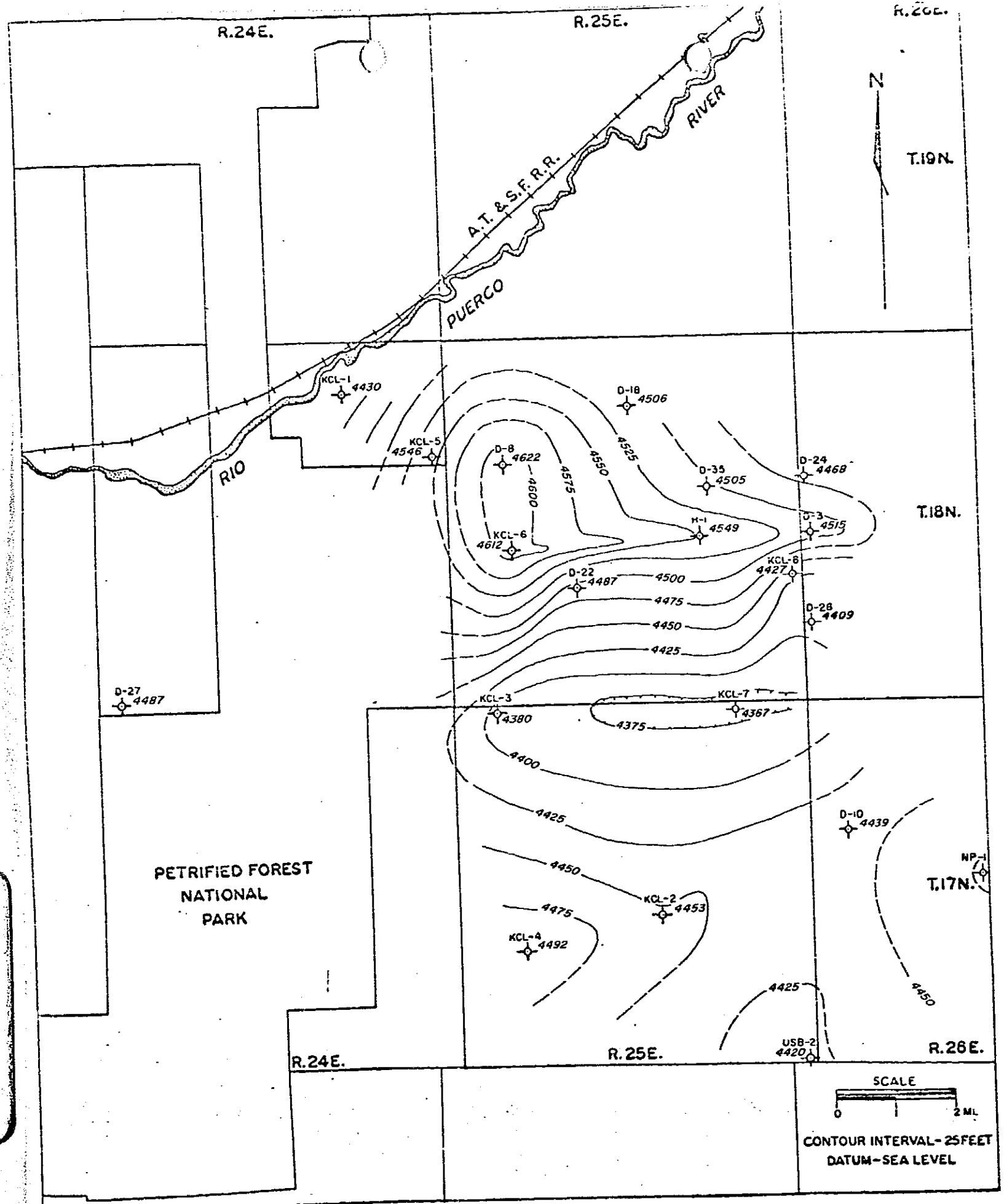
TOP OF COCONINO SANDSTONE

BY WAYNE WALLACE

AUGUST 1, 1964

KERN COUNTY LAND COMPANY

APACHE POTASH PROJECT

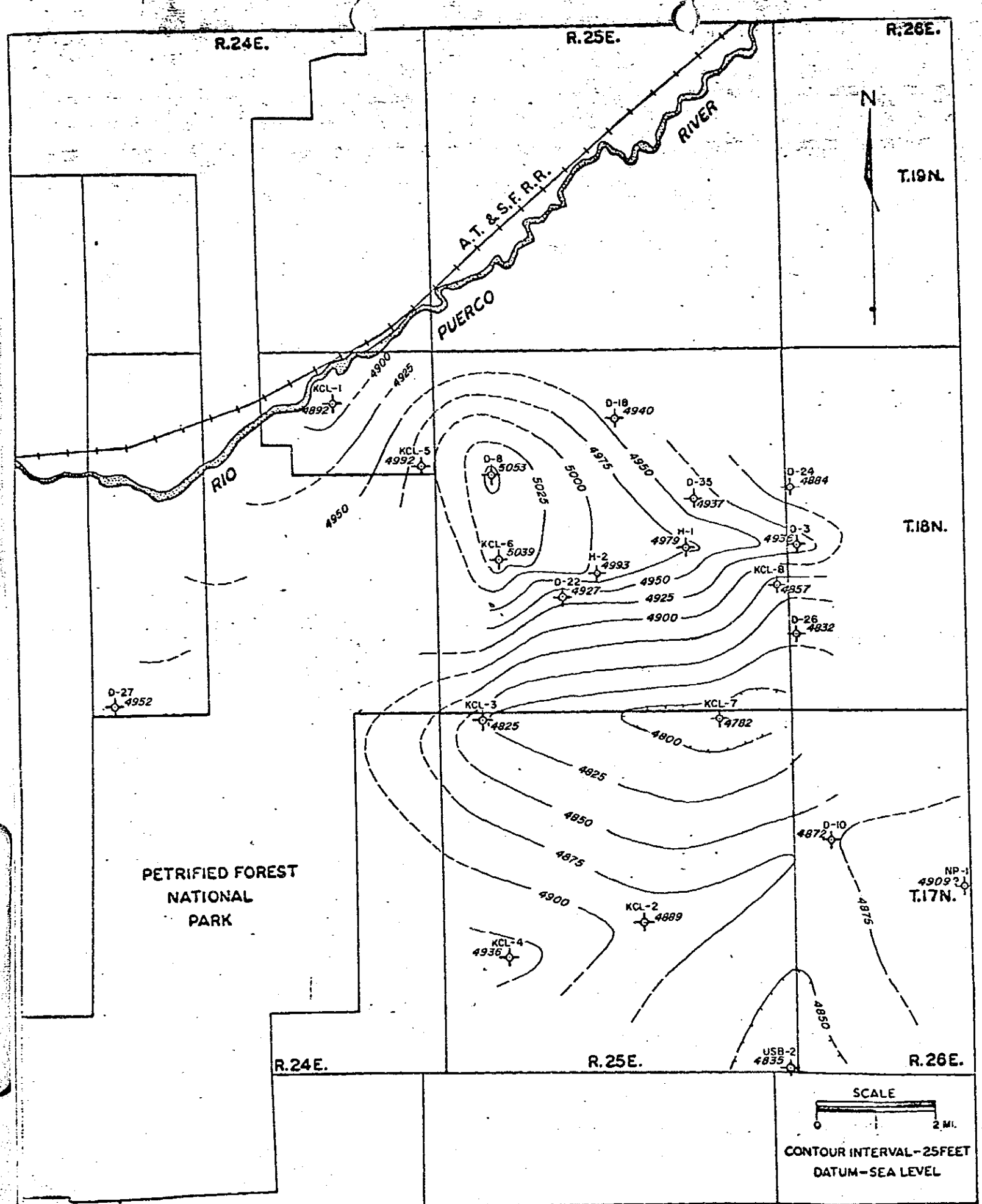


STRUCTURAL CONTOUR MAP

TOP OF ANHYDRITE "B" BED IN SUPAI FORMATION

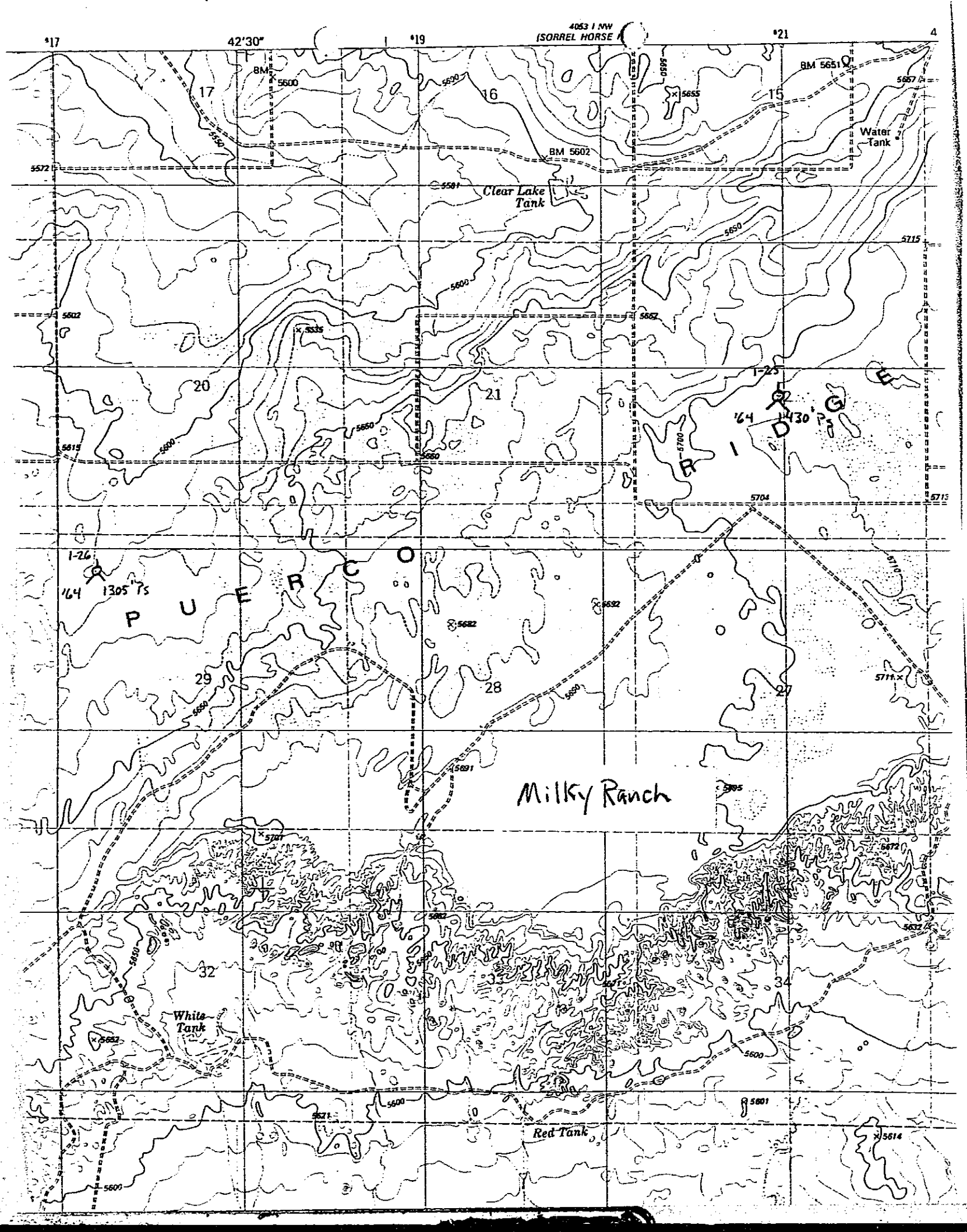
AUGUST 5, 1964
BY: WAYNE WALLACE

KERN COUNTY LAND COMPANY
APACHE POTASH PROJECT
APACHE COUNTY, ARIZONA



Top Coconino

STRUCTURAL CONTOUR MAP by Wayne Wallace, Kern Co. Land Co.


42'30"
4053 I NW
(SORREL HORSE
BM 5600
BM 5651
BM 5602
Water Tank
Clear Lake Tank
17
16
15
20
21
29
28
27
32
34
1-25
1-26
PUERCO
Milky Ranch
White Tank
Red Tank

KERN COUNTY LAND COMPANY
2624 North First Avenue
Tucson, Arizona

November 4, 1965

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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

Page 2

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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