

Subsequent Report of Abandoned

FILE NOTATIONS

Entered in NID File	<i>PHOT. TO OGC</i>	Checked by Chief	.....
Location Map Pinned	.....	Approval Letter	.....
Card Indexed	.....	Disapproval Letter	.....

COMPLETION DATA:

Date Well Completed	.....	Location Inspected	.....
OW.....	WW.....	TA.....	
GW.....	OS.....	PA. ✓	
		Bond released	
		State or Fee Land	.....

LOGS FILED

Driller's Log. *6-5-45*.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

Subsequent Report of Abandoned

FILE NOTATIONS

Entered in NID File	<i>PHOTO OEC</i>	Checked by Chief	.....
Location Map Pinned	.....	Approval Letter	.....
Card Indexed	.....	Disapproval Letter	.....

COMPLETION DATA:

ALSO DELETE THE
ARCHIVES INDEX,
SINCE THIS IS NOT
AN ELECTRIC LOG,
AND SHOULD THEREFORE
STAY WITH THE WELL
FILE

M

Grand
FILE . . . FILM
IF WHOLE FILE HAS
ALREADY BEEN
FILMED.

M

11-30-87

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GENERAL LAND OFFICE Salt Lake
SERIAL NUMBER 067594 013155
LEASE OR PERMIT F.L. Wright

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Not Named

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1943.

Agent's address Thompson, Utah Company Potash Company of America
Signed L. G. Weaver

Phone None Agent's title Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	(GRAVITY)	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
4 SW of SW	22S	19E	1							
				March 9, 1943 Spudded						cemented from bottom to surface with 82 sacks cement.
				March 12, 1943 Ran 123 ft. of 13 in O.D. 50 lb. casing,						
FORMATIONS										
		<u>Name</u>		<u>from</u>	<u>to</u>	<u>thickness</u>		<u>date encountered</u>		
		Mancos		0	1300	1300		3/9/43		
		Dakota		1300	1310	10		3/26/43		
		Morrison		1310				3/26/43		
				Bottom of hole	3/21/43	1601				
Formation Tests										
		<u>Depth of packer</u>		<u>Bottom of hole</u>		<u>Result</u>		<u>Date of test</u>		
								No tests in March		
Section Cored										
		<u>from</u>		<u>to</u>		<u>feet cored</u>				
								No cores cut during March.		



NOTE.—There were _____ runs or sales of oil; _____ runs or sales of gas;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Confidential

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GENERAL LAND OFFICE **Salt Lake**
SERIAL NUMBER **065574 063655**
LEASE OR PERMIT **F.L. Wright**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Not Named

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 43

Agent's address Thompson, Utah Company Potash Company of America

Signed G. B. Uearn

Phone None Agent's title Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth, if shut down, cause, date and result of test for gasolins content of gas)
4 SW1/4SW	22	19	1		Bottom of hole 4-30-43 3311					
FORMATIONS										
Name		from		to		thickness		date encountered		
Morrison		1310		2065		755		3-26-43		
Summerville		2065		2128		63		4-11-43		
Entrada		2128		2258		130		4-13-43		
Carmel		2258		2290		32		4-14-43		
Navajo		2290		2470		180		4-15-43		
Kayenta		2470		2737		267		4-20-43		
Paradox		2737		---		---		4-24-43		
FORMATIONS TESTED										
Depth of packer		Bottom of hole			Result		Date of test			
2047		2096			saline water trace of oil		4-12-43			
SECTIONS CORED										
from		to		feet cored						
1653		1670		17						
1783-6		1800-6		17						
2050-0		2061-6		11-6						
2564		2581		17						
2768		3311		543						

MAY 5 1943

NOTE.—There were _____ runs or sales of oil; _____ runs or sales of gas;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

CONFIDENTIAL

CRESCENT - Grand County APR 1943

NE SW 1/4, Potash Company of America, Well No. 1 (Wright) S.L. 063655; Ref. No. 7.

STATUS: Drg - T.D. 3321' (L. H. Mack 30-3)

REMARKS: Surface to 1300' Mancos Shale; Dakota, 1300' to 1310'; Morrison, 1310' to 2065'; Summerville, 2065' to 2128'; Moab Tongue, 2128' to 2195'; Entrada, 2195' to 2258'; Carmel, 2258' to 2290'; Navajo, 2290' to 2470'; drilling below 2470' in the Kayenta, top of the salt body was encountered at 2750', and drilling has continued therefrom in the Paradox salt. On April 10, indication of an oil saturation was noticed in the returns of the hole and the formation was cored from 2050' to 2061.5' with 7'7 1/2" of recovery showing a spotty oil saturated core, but the drill stem test taken immediately after the removal of the last core showed no oil or gas in the drill pipe. There was, however, approximately 2 1/2' of the core, from 2050' to 2053', which showed a complete saturation of a light oil in a very soft sand. On April 21, the well was cored from 2564' to 2581' (17') of which there was 15' of core recovered. In this core there were small crevices of fresh oil saturation, particularly from 2565' to 2578' and considerable bleeding when removed from the core barrels, but upon close examination after washing, the sand was very spotty in saturation, badly cross-bedded, and rather tight with very little porosity. It was, therefore, decided not to require a drill stem test. On April 25, Mr. Pierce, General Manager of the Potash Company, phoned the district engineer notifying him that salt had been encountered on the evening of April 24 at 2750' and that the well would remain shut down over the Easter holiday, coring to be resumed the following Tuesday. Coring of the salt (Paradox) section has continued to the

APR 1943

not done

(continued next page)

CONFIDENTIAL

CRESCENT - Grand County

MAR 1943

4-228-19E NE SW $\frac{1}{4}$ SW $\frac{1}{4}$, Potash Company of America, Well No. 1 (Wright) S.L. 063655;
Ref. No. 7

7
1943

STATUS: Drg - T.D. 1601' (Mr. Weaver, Visited 3-31-43)
Rotary

REMARKS: NEW DRILLING WELL. / Drilling was commenced on March 9,

in the Mancos shale. On March 10, 123' of 13" O.D. conductor was
cemented from top to bottom by circulation of 82 sacks of cement.

On March 16, the plug was drilled out. Drilling has continued to
the present depth of 1601' in shale and sandy shale. Because the

formations are more or less broken and indeterminable, it is difficult
correct members

to definitely say at this time what the ~~members~~ in the column
are

is. It is believed, however, that the Dakota was penetrated from

1300' to 1312' and that the hole ^{is now} in the Morrison, composed of

broken shales and sandy black shale. No evidence of water, gas,

Oil or salt thus far ^{is} in evidence.

MAR

March 26, 1943.

MEMORANDUM for the file.

Potash Company of America, Well No. 1 (Wright)
S.L. 063655, 4-228-19E, NE SW $\frac{1}{4}$ SW $\frac{1}{4}$

March 22, 1943

Drilling was commenced on this well on March 9, in the Mancos shale. On March 10, 123' of 13" O.D. conductor was cemented from top to bottom by circulation of 82 sacks of cement. On March 16, the plug was drilled out and drilling continued to 678', total depth at the time of the visit the evening of March 22.

3 P.M. 3/24 997' Shale WR
midnight 3/31/43 1601' 3E shale Buck Wt. over.
Coring started 4/1/43 at 1700 ±.

April 28, 1943.

April 10, 1943

Cored from 2050' to 2061.5' recovering 7'7 $\frac{1}{2}$ " of a spotty oil saturated core.

April 11, 1943

A drill stem test was made but no evidence of oil or gas resulted. Approximately 2 $\frac{1}{2}$ ' of the core, from 2050' to 2053', showed complete saturation of a light oil in a very soft sand.

April 21, 1943

The well was cored from 2564' to 2581' (17') of which there was 15' recovered. Practically the entire core showed small crevices of oil saturation, particularly from 2565' to 2578', and considerable bleeding when removed from the core barrel, but upon close examination after washing, the sand was very spotty in saturation, badly cross-bedded, and rather tight with very little porosity. It was, therefore, decided not to require a drill stem test.

April 25, 1943

At 9:30 a.m., R. A. Pierce of the Potash Company called the engineer's residence notifying him that salt had been encountered at 2750' and that well operations would be shut down over Easter holiday; that coring would be started upon resumption of drilling operations Tuesday morning, April 27. Because of the absence of B. W. Dyer, the writer notified H. I. Smith by telegram on the morning of the 26th, the information given by Pierce.

Depth (ft)	Interval (ft)	Thickness (ft)	Description
650	660	10	Sandstone, gray, limy, dark minerals, medium grained, subround to subang.
660	670	10	Shale, dark gray, extremely sandy, limy
670	690	20	Sandstone, dark gray, limy, medium gr.
690	700	10	Sandstone, dark gray, shaly, limy, fine
700	1250	550	Shale, dark gray, limy, sandy; calcite; fossil fragments; thin ss. streaks FERROUS
1250	1250		
1250	1285	35	Shale, dark gray, limy, sandy; Limestone, brown, crystalline; Sandstone light gray, limy, fine, round, black minerals, fossil frag.; Calcite, BENTON
1285	1300	15	Shale, dark gray, sandy, slightly limy DAKOTA
1300	1310	10	Sandstone, white, light gray, fine, round, dark minerals; chert, calcite MORRISON
1310	1320	10	Sandstone, gray, limy, medium grained, round, hard
1320	1330	10	Shale, light gray & greenish gray, limy
1330	1350	20	Sandstone, light gray, limy, hard, fine Sandstone, gray, hard, limy, medium, slightly greenish; Shale, blue
1350	1355	5	Shale, greenish-gray, sandy; Shale, blue
1355	1365	10	Sandstone, gray, limy; Shale, gray, limy
1365	1480	115	Sandstone, gray, limy; Sandstone, purplish gray, limy; Shale, blue, green, & red, sandy; Calcite, chert, pyrite
1480	1500	20	Shale greenish-gray & lavender, calcite
1500	1520	20	Sandstone, gray; Shale, red to purple, sandy; Calcite, chert
1520	1540	20	Sandstone, gray; Shale, red, gray, lavender; Quartzite, gray; Chert; Calcite
1540	1590	50	Shale, dark purplish red, lavender, green, sandy; Sandstone, gray & pink
1590	1610	20	Shale, red, gray, green, sandy
1610	1680	70	Shale, red, gray, green, lavender, sandy Sandstone, white, hard, fine; Calcite
1680	1700	20	Sandstone, pale tan, hard, fine; Shale, red, sandy; Calcite, pyrite
1700	1730	30	Shale, red, purple, green, lavender; Sandstone, white, pink, hard, fine
1730	1740	10	Sandstone, light tan, medium; Shale, gray, green, red, lavender, sandy
1740	1750	10	Shale, red, lavender, gray, green, sandy; Sandstone, white to tan, medium, hard
1750	1760	10	Sandstone, white to gray, fine, hard; Shale, dark red & purplish, sandy
1760	1810	50	Shale, green, gray, red; Sandstone, white to gray, fine; Calcite
1810	1820	10	Sandstone, gray, hard, medium; Calcite
1820	1860	40	Shale, red, green, gray, sandy; Sandstone, gray, hard
1860	1890	30	Sandstone, flesh, hard, limy, fine; Shale, red, sandy; Calcite
1890	1900	10	Shale, red, lavender, sandy; Sandstone, gray, fine; Calcite
1900	1930	30	Sandstone, gray to pink, limy, hard, fine; Shale, red, lavender, green, sandy; Calcite
1930	1940	10	Shale, red, lavender, green, sandy

BE BORE THE CASE BEING RECORDED

HISTORY OF OIL OR GAS WELL

6-0748

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE: _____ TIME: _____
 BY: _____ TITLE: _____
 COMPANY: _____
 LOCATION: _____
 WELL NO.: _____

FORMATIONAL RECORD

From	To	Total Feet	Formation
1940	2040	100	Shale, red, lavender, green, gray, sandy, limy; Sandstone, pink, gray, tan, medium to fine; CALLISTO
2040	2065	25	Sandstone, tan, gray, medium; Shale, red, purple, lavender, gray, white, sandy; Calcite
2065	2070	5	SUMMERVILLE Sandstone, light gray, medium grained; Shale, greenish gray and purplish red
2070	2080	10	Shale, lavender-red, light greenish-gray
2080	2128	48	Shale, red-lavender, greenish-gray, gray, sandy; Sandstone, dark red, red, gray, fine & medium
2128	2180	52	MOAB Sandstone, white to light brownish gray, light gray, fine to medium grained, round to subround
2180	2190	10	ENTRADA Shale, dark chocolate red, lavender, gray, sandy; Sandstone, light brownish gray, medium grained, round hard
2190	2195	5	Shale, dark red and lavender, sandy
2195	2230	35	Sandstone, light gray, medium grained, round; Shale, dark red, sandy
2230	2240	10	Sandstone, light red, light gray, fine, round
2240	2258	18	Sandstone, light gray, fine grained, round
2258	2270	12	CARMEL Shale, dark chocolate red, sandy, papery
2270	2290	20	Shale, dark chocolate red, sandy; Sandstone, dark chocolate red, fine, round to subround
2290	2340	50	NAVAJO Sandstone, light gray, medium grained, round to subround
2340	2370	30	Sandstone, white to light gray, medium grained, round to subround
2370	2400	30	Sandstone, light gray, reddish-gray, fine, round to subround
2400	2470	70	Sandstone, light gray, fine to medium, round
2470	2480	10	KAYENTA Sandstone, light gray, medium grained, round; Shale, dark red and lavender, sandy; Limestone, light gray
2480	2490	10	Sandstone, light greenish gray, fine grained, round; Shale, light greenish-gray, lavender, red, olive green, sandy; Limestone, light gray and light brown
2490	2500	10	Sandstone, dark purplish-red, medium grained, subround; Sandstone, light greenish gray, conglomeratic, medium grained; Shale, light greenish gray, sandy
2500	2520	20	Sandstone, light gray, fine to medium, round to subround
2520	2550	30	Sandstone, light gray, fine; Sandstone, dark purplish red, light red, medium; Shale, lavender to dark purplish-red, sandy
2550	2564	14	Sandstone, light gray, fine grained, round

Potash Company of America - Wright No.1

FORMATIONAL RECORD

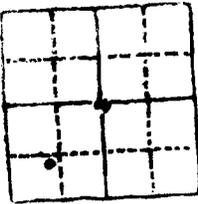
From	To	Total Feet	Formation
2564	2581	17	Sandstone, light gray, medium, round to subround, cross-bedded; Shale, purplish lavender, greenish gray, sandy, hard
2581	2600	19	Sandstone, light gray to pale tan, medium, round to subround; Shale, dark red sandy
2600	2620	20	Sandstone, pale tan, medium, round to subround; Shale, dark red, sandy
2620	2640	20	Sandstone, white to light gray, medium grained
2640	2660	20	Sandstone, light gray to pale tan, medium grained; Sandstone, light gray, dark gray, medium grained, conglomeratic
2660	2680	20	Sandstone, light gray to pale tan, medium grained; Shale, dark red, light gray, greenish gray, sandy
2680	2720	40	Sandstone, light gray to pale tan, dark gray, light brownish red, medium, round to subround
2720	2737	17	Shale, dark purplish-lavender, dark red, light greenish-gray, sandy, hard; Sandstone, light gray to pale tan, red, fine and medium grained, round to subround
			PARADOX
2737	3231	494	Salt
3231	3251	20	Sandstone, light gray, thin bedded; Shale, dark gray to black, brecciated. Salt filling fractures
3251	3255	4	Salt
3255	3272	17	Sandstone, light to dark gray, fine to medium grained; Shale, black, sandy
3272	3300	28	Salt
3300	3326	26	Shale, black, carbonaceous, sandy
3326	3328	2	Sandstone, brown, shaly
3328	3333	5	Shale, black, carbonaceous
3333	3336	3	Sandstone, brown, shaly
3336	3379	43	Salt
3379	3401	22	Breccia composed of Sandstone, light to dark gray, fine; Shale, dark gray, sandy; Limestone, dark gray, sandy; Salt
3401	3566	165	Salt
4566	3567	1	Breccia composed of Sandstone, gray to dark gray, limy, fine grained, round; and Salt
3567	3572	5	Salt
3572	3574	2	Breccia as above
3574	3585	11	Sandstone, gray, limy; some black shale
3585	3592	7	Breccia composed of gray, limy sandstone; gray limestone; black limy shale; anhydrite; Salt
3592	3952	360	Salt
3952	3953	1	Breccia composed of sandstone, shale, anhydrite, and salt
3953	3986	33	Sandstone, light gray, fine, round, limy; some shale partings, lower foot brecciated
3986	4191	5	Salt
4191	4192	1	Sandstone, light gray, fine, badly fractured
4192	4261	69	Salt
4261	4267	6	Sandstone, light gray, fine, badly fractured

Potash Company of America -- Wright No. 1

FORMATIONAL RECORD

From	To	Total Feet	Formation
4267	4270	3	Shale, black, sandy
4270	4321	51	Salt
4321	4339	18	Sandstone, light to dark gray, fine grained, containing brecciated zones
4339	4467	28	Salt
4467	4485	18	Sandstone, black, fine; Shale, black, sandy
4485	4487	2	Salt
4487	4489	1	Breccia composed of black shale, anhydrite, salt
4489	4561	72	Salt
4561	4562	1	Shale, black, sandy; anhydrite
4562	4565	3	Salt
4565	4566	1	Sandstone, dark gray to black; Shale, black, sandy
4566	4596	30	Salt
4596	4601	5	Breccia composed of black, sandy shale; black sandstone; anhydrite; salt
4601	4706	105	Salt
4706	4707	1	Sandstone, dark gray; partings of black shale and anhydrite
4707	4716	9	Salt
4716	4722	6	Sandstone, gray to dark gray
4722	4769	47	Salt
4769	4774	5	Sandstone, shaly, highly fractured
4774	4790	16	Shale, sandy; and anhydrite
4790	4878	88	Shale, black; and white anhydrite
4878	4911	33	Salt and anhydrite breccia
4911	5000	89	Salt

TOTAL DEPTH - 5000

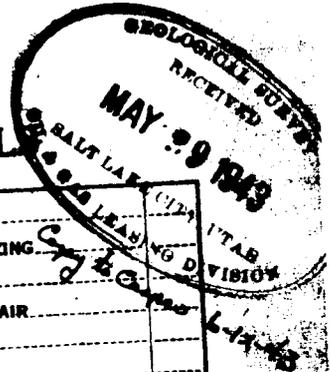


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Office Salt Lake Co.
Lease No. 063655
Unit Not unitized

SUNDRY NOTICES AND REPORTS ON WELLS



NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	X	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

POTASH COMPANY OF AMERICA
Utah Magnesium Corporation
Wright

May 28, 1943

Well No. 1 is located 990 ft. from S line and 990 ft. from E line of sec. 4

SW 1/4 of SW 1/4 sec. 4 (Sec. and 1/4 No.)
22 S. (Twp.) 19 E. (Range) Salt Lake (Meridian)
Grand County (County or Subdivision) Utah (State or Territory)
Salt Valley Anticline (Field)

The elevation of the derrick floor above sea level is 4780 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The hole has been completed in accordance with the drilling contract and no evidence of commercial oil or gas productivity was encountered.

Intend to abandon well as follows:

Fill with 11# brine-laden mud from bottom of well to 4500'; cement plug 4500' to 4450' with 20 sacks cement. Fill with 11# brine-laden mud from 4450' to 3570'; cement plug 3570' to 3530' with 20 sacks cement; 11# brine-laden mud 3530' to 2740', (top of salt 2737'); cement plug 2740' to 2640' with 60 sacks cement, a hardness test of this plug will be taken in which the cement shall be sufficiently set to sustain the weight of the drill pipe; 11# brine-laden mud 2640' to 2070'; cement plug 2070' to 2040' with 15 sacks cement; 11# brine-laden mud 2040' to 6'. Provide and cement in place 10' x 4" pipe marker set 4 feet above ground and filled with cement to top of marker.
To leave 123' of 13" - 50# surface conductor in well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company POTASH COMPANY OF AMERICA
Address First National Bank Bldg., Denver, Colorado.

Approved May 29, 1943
C. Hauptman
District Engineer

By [Signature]
Title Assistant General Manager.

#1 Psa Sec 4

Cement plug 4443 to 4500 - oil show

mud 4120 cut shale (mud) show

v 3825 ' ' ' show

} Very
pligh

Cement plug 3530 to 3570

mud. 3412 - small show

Cement plug 3230 - 3275 concrete Top salt 2737'

Cement plug 2640 - 2740 Top salt @ (2737)

Cement plug 2040 - 2070 H₂O & oil show.

mud. 1783 - 1806 core

v 1683 - 1670 core

Car R. Pierce.

5/25/43

Confidential

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GENERAL LAND OFFICE Salt Lake
SERIAL NUMBER 063655
LEASE OR PERMIT F.L. Wright

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Crescent Area

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1943,

Agent's address Thompson, Utah Company Potash Company of America

Phone None Signed L. B. Weaver
Agent's title Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
4 SW 1/4 SW 22	22	19	1							
					Bottom of hole 5-31-43		4911-6			
					<u>FORMATIONS</u>					
						<u>from</u>	<u>to</u>	<u>thickness</u>		<u>date encountered</u>
						2737				4-24-43
					(continue to drill Paradox)					
					<u>FORMATIONS TESTED</u>					
					None					
					<u>SECTION CORED</u>					
						<u>from</u>	<u>to</u>	<u>feet cored</u>		
						3311	4911'-6"	1600'-6"		
					Ran Schlumberger electrical device 5-26-43. Logged hole from top to 4793 ft.					

JUN 3 1943
OIL & GAS LEASING DIVISION

ORIGINAL FORWARDED TO CASPER

NOTE.—There were _____ runs or sales of oil; _____ runs or sales of gas;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

APR

1943

present depth of 3321' showing principally halite with occasional sand and shale partings. No casing has been run into this well although the operator anticipated, at the time the well was started, cementing the 9" welded string ~~to the top of the salt.~~ ^{and running it} to the top of the salt. This may be done before long although the district engineer is insisting upon a Schlumberger survey before casing is run into the hole. The new improved survey gives a high resistivity curve from which it is now possible to differentiate a water sand from an oil sand. It is believed that verification, as well as a thorough check, may now be had against the core samples, in fact, all formations penetrated.

CONFIDENTIAL
4-22S-19E

CRESCENT - Grand County MAY 1943

NE SW $\frac{1}{4}$ SW $\frac{1}{4}$, Potash Company of America, Well No. 1 (Wright)(S.L. 063655);
Ref. No. 7

STATUS: Drg - T.D. 4912' (G. C. Weaver 5-3143)

MAY

1943

REMARKS: Drilling has continued in the salt section of the Paradox with no further indications of oil over those reported last month. However, rich carnallite and sylvite sections have been cored at a depth of 4150' to 4265'. Mr. B. W. Dyer of the Mineral Leasing Division has complete information on this as observed and recorded by Mr. R. K. Bailey of the Washington office assigned to the physical salt analyses of the cores as taken from the core barrel at the well. Mr. Bailey has remained constantly at the well. Inasmuch as an EL (Schlumberger) survey of the State-leased well on section 16 was made on May 25, Mr. Pierce, Assistant General Manager of the Potash Company decided to have an EL survey made of this well, which survey would sooner or later be required. No evidence of the light shows of oil

was reflected by the survey although the cores, when taken from the
core barrel, in a few instances showed small crevices of bleeding,
but at the time were not considered of enough importance by all parties
concerned to warrant a drill-stem test. The EL survey reached a depth
of 4793', total depth at that time. The operator has submitted notice
asking permission for the abandonment of this well. The abandonment
program was approved on May 29, 1943. In approving this notice, it
was understood that the well would be drilled to a depth of at least
5000'. Abandonment work will not be started until this depth has been
reached if/^{no}indications of gas or oil are evident. However, drilling will
continue beyond 5000' if the salt formation is still in evidence.
It is worth noting that upon observing the EL the Schlumberger technician
was able to differentiate quite clearly between carnallite, sylvite,
and halite. This fact was of much interest to the Potash representatives
At the time the District Engineer insisted upon an EL being taken of
the two wells, the Potash representatives objected strenuously to this
requirement, saying it was useless and a waste of money, although they
refused to accept the suggestion that the District Engineer's require-
ment be appealed to the Supervisor. Later, however, the Potash people
agreed that the EL had been very much worth while.

1943

MAY

CONFIDENTIAL

4-22S-19E

CRESCENT - Grand County JUN 1943
NE SW $\frac{1}{4}$ SW $\frac{1}{4}$, Potash Company of America, Well No. 1 (Wright)(S.L. 063655);
Ref. No. 7

X STATUS: P&A - T.D. 5005' (R. A. Pierce 6-27-43)

JUN 1943
REMARKS: Drilling continued in this well to a depth of 5005' still in rock salt. The operator on short notice decided to P&A for what reason it is not clearly understood, although from appearance of the core, oil or gas had not been encountered. The last core taken was entirely halite without any evidence of sedimentation. The KL survey reached a depth of 4793'. From this, it appeared that an oil or gas horizon was not present and the cores of the remaining column showed no evidence of oil or gas. On June 4, the brine-laden mud was left in the hole from bottom to the top of the salt, Paradox, at 2737' (corrected depth), and from 2737-2640' cement was introduced through the drill pipe and allowed to set for 24 hours. Thereafter a hardness test was taken which proved, by lowering the drill pipe on the plug, that the cement had set. The drill pipe was then raised to 2070' and another 30' plug spotted at 2070-2040' in the 11# brine-laden mud. Above this plug, similar mud remains in the hole to a point 6' from the surface. A 4" marker 10' long was welded to the 13" O. D. conductor. Inasmuch as the 123' of 13" conductor was cemented from top to bottom, no attempt was made to recover this, the only casing placed in the hole. The top of the conductor and marker was capped with cement and the marker filled to the top. Final inspection was made on June 25, and all work found to be in a satisfactory condition including cleaning up of the location. Subsequent report of abandonment approved June 30, 1943.

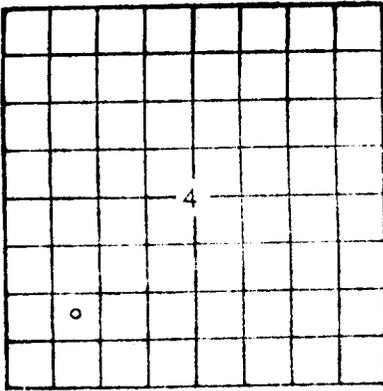
CONFIDENTIAL

4-22S-19E

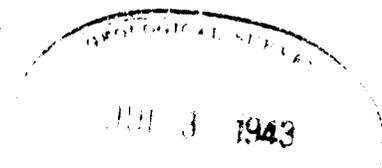
CRESCENT - Grand County JUN 1943
NE SW $\frac{1}{4}$ SW $\frac{1}{4}$, Potash Company of America, Well No. 1 (Wright) (S.L. 063655);
Ref. No. 7

X STATUS: P&A - T.D. 5005'

REMARKS: Supplementary well information for status sheet. Date drilling ceased, June 3, 1943. Lowest formation tested, Paradox (salt).



LOCATE WELL CORRECTLY



U. S. LAND OFFICE Salt Lake City
SERIAL NUMBER 063655
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Potash Company of America Address Carlsbad, New Mexico
Lessor or Tract Pay L. Wright Field Crescent State Utah
Well No. One Sec. 4 T. 22S R. 19E Meridian S. L. County Grand
Location 990 ft. N of XX Line and 990 ft. E of W Line of section Elevation 4790
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed L. G. Weaver
Title Superintendent

Date June 30, 1943

The summary on this page is for the condition of the well at above date.

Commenced drilling March 9 1943 Finished drilling June 3 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 2047 to 2096
(100' head, saline) No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
<u>13"OD</u>	<u>50#</u>			<u>126'</u>					<u>Surface</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

1. Running plug Material Length Depth
2. Adapter Material Size

SHOOTING RECORD

13

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Running plug Material Length Depth set
 Adapter Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5000 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

..... 19..... Put to producing 19.....
 The production for the first 24 hours was barrels of fluid of which % was oil: %
 emulsion: % water and % sediment. Gravity, Bé.
 If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per square inch

EMPLOYEES

Jack Hart Driller A. McAllister Driller
 J. E. Gritts Driller Driller

FORMATION RECORD

FROM	TO	LOCAL TIME	FORMATION
0	7	7	Rotary table to surface
7	50	43	Shale, gray to dark gray, limy
50	80	30	Shale, dark gray, limy; calcite white; Sandstone, brown, thin stringers, soft
80	90	16	Shale, dark gray, limy; calcite
90	100	10	Shale, dark gray, limy; more calcite
100	125	25	Shale, dark gray, limy
125	130	5	Shale, gray, sandy, limy; Sandstone, gray to brownish, shell fragments
130	140	10	Shale, gray, limy, slightly sandy; Sand- stone, brownish-gray, limy, soft; large amount in bottom of sample
140	160	20	Shale, dark gray, sandy, limy; Sand- stone, gray to brownish-gray, limy, subrounded, dark minerals, medium grained; calcite, selenite, pyrite
160	240	30	Shale, dark gray, limy, sandy, hard; Sandstone, dark gray, limy, thin; Calcite, white to red
240	250	10	Shale, gray, limy, sandy 80%; Sandstone, gray, limy, thin, fine 20%; increase in sand; calcite; inoceramus
250	280	30	Shale, gray, limy, sandy; Sandstone, gray, limy, thin, fine, inoceramus
280	360	80	Shale, gray, limy, sandy, inoceramus
360	650	290	Shale, dark gray, limy, sandy; calcite

Utah

THE CRESCENT EAGLE OIL CO.
SE¹/₄SW¹/₄SE¹/₄ Sec. 4, T. 22 S., R. 19 E.,
Grand County, Utah

Extracted from pg. 161-163
of the USGS Bulletin 863

Log of Crescent Eagle Oil Co's well

	<u>Feet</u>
Surface wash	54
Mancos shale:	
Blue shale; sulphur water at 200 feet	200
Gray-blue shale	260
Dark-blue shale	325
Hard gray lime	327
Blue lime shale	329
Hard blue-gray lime	350
Blue to brown shale	417
Blue lime shale	420
Blue shale; salt water at 487 feet	487
Dark-gray sandy shale; showing of gas	500
Black shale; particles of calcite	533
Gray to black lime shale	545
Black shale; salt water at 570 feet	570
Blue to gray sandy lime shale	582
Light-gray to brown sandy shale	585
Drab sandy lime	595
Bluish-gray sandy shale	600
Hard gray lime	645
Hard black lime or lime shale	674
Dark-gray lime, shale; some clayish material resembling bentonite	757
Light-gray lime shale with clayish material	760
Black lime shale	780
Black sandy shale; showing of oil and gas	787
Blue to black shale	818
Black lime shale; salt water; gas and oil colors	824
Light-gray shale; showing of oil and gas	869
Dark-gray lime shale; showing of oil and gas	874
Light-gray sandy lime	888
Hard sandstone; showing of oil	890
Sandy lime, very hard; showing of oil	900
Gray sandy shale; showing of oil	903
Light-gray shale	1142
Black lime, showing good gas conditions	1147
Light-gray shale	1177
Dark-blue shale	1217
Gray lime shale	1250
Gray shale	1395
Drab shale with varying lime content	1630
Light-gray lime shale; oil and gas	1670
Blue shale	1690
Light-gray shale	1755
Blue shale	1808

Potash Company of America - Wright No. 1 Testing operations

SHOWS OF OIL AND/OR GAS:

	<u>Formation:</u>	<u>From:</u>	<u>To:</u>	<u>Nature of show:</u>
1.	Morrison	2046' -	2061'	Some oil stains in core. Tested by drill stem test.
2.	Keyenta	2864' -	2581'	Some oil stains in core; not of sufficient porosity or saturation to warrant further testing.

TESTS FOR OIL AND/OR GAS:

1. DRILL STEM TEST (to test show 2046' - 2061'):

Date: April 12, 1943

Depths tested: 2047' - 2096'

Formation tested: Morrison

Nature of test:

Packer seated at 2047', bottom of hole 2096',
49' of formation exposed, valve open and fluid
held off of formation for 45 minutes.

Results of test:

Recovered 110' of saline water, no oil or gas.

2. SCHLUMBERGER ELECTRICAL WELL-SURVEY:

Date: May 26, 1943

Depths tested: 123' - 4793'

Formations tested: all formations penetrated

Results of test:

No possibilities of oil or gas production are
indicated. Tops of formations and changes in
lithology are reflected by changes in the self-
potential and resistivity curves.

Potash Company of America - Wright No. 1 Testing operations

CASING SET:

1. 13" O.D., 50 lbs., 10 thread, surface casing set at 123', cemented with 82 sacks of cement by Halliburton Oil Well Cementing Co.

CASING RECOVERED: none

SIZE OF HOLE:

1. 9-7/8" from 123' - 2349'
2. 9" from 2349' - 2396'
3. 8-3/4" from 2396' - 2454'
4. 8-5/8" from 2454' - 5005'

PLUGGING RECORD:

Date: Plugged 3-4, 1943

The hole was filled with 11 lb., brine laden mud from the total depth to the surface, with the exception of cement plugs set as follows:

<u>From:</u>	<u>To:</u>	<u>Thickness:</u>	
4550'	- 4450'	100'	20 sacks of cement
3570'	- 3530'	40'	20 sacks of cement
2740'	- 2640'	100'	60 sacks of cement
2070'	- 2040'	30'	15 " " "
6'	- 0'	6'	10 " " "

4" pipe imbedded in surface plug to mark position of hole.

	<u>Feet</u>
Dakota (?) sandstone:	
Hard drab sandstone	1811
Sand: showing of oil	1814
Hard shelly sandstone	1829
Morrison Formation:	
Hard Greenish-blue shale	1843
Greenish-gray shale, soft and cavey	1875
Iron-stained sandy material, coarse-grained	1878
Light Green shale	1895
Light-gray lime shale	1910
Light-green shale	1965
Paradox formation:	
Iron-stained sandy lime; heavy salt water at 1981 feet; very strong showing of high-grade gravity oil with or just belowwater	1981
Fine-grained iron-stained sand	1982
Fine-grained gray sand; oil and gas	1984
Hard white sand	1988
Gray iron-stained fine-grained sand	2003
Gray to white sand	2007
Fine-grained rusty sand	2013
Black to brown lime shale	2022
Dark-brown sandy shale	2060
Rock salt	2130
Sand measure producing an estimated wet-gas flow of 5,000,000 cubic feet	2132
Salt Rock	2155
Black sandy shale	2160
Conglomerate	2190
Black shale	2200
Dark-gray to black shale	2325
Salt and black shale	2470
Black shale	2495
Black shale and salt	3015
Black shale; oil and gas	3130
Gray banded shales and sand; oil and gas	3205
Gray sandy shales; oil and gas	3225
Brown sandy shale	3325
Black shale	3345
Shale and salt	3420
Gas, sand	3475
Sandy shale; oil, gas, and water	3660
Sand	3680
Sand	3700
Shale	3708
Sand	3730
Salt shale and sand	3900
Sand; oil, gas, and water	3911
Very hard sand	3948
Very hard sand	3962
Very hard sandy lime formation	3972

Log of testing and plugging operations

POTASH COMPANY OF AMERICA - WRIGHT NO. 1 WELL

Location: SE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 4, T. 22 S., R. 19 E.
 990' from the W., 990' from the S. line of
 Sec. 4, Crescent Area, Grand Co., Utah
 Elevation 4797' (Rotary table), 4790' (Ground)

Spudded: 3-9-48 Completed drilling 6-3-48 Plugged: 6-4-48

FORMATIONS PENETRATED:

<u>Formation:</u>	<u>From:</u>	<u>To:</u>	<u>Thickness:</u>
1. Mancos shale	7'	- 1300'	1293'
(a) Sandy member	650'	- 700'	50'
(b) Ferron member	1250'	- 1285'	35'
Fault - 1300'			
2. Dakota sandstone	1300'	- 1310'	10'
3. Morrison sh. & ss.	1310'	- 2065'	755'
4. Summerville sh. & ss.	2065'	- 2128'	63'
5. Moab sandstone	2128'	- 2195'	67'
6. Entrada sandstone	2195'	- 2258'	63'
7. Carmel shale	2258'	- 2290'	32'
8. Navajo sandstone	2290'	- 2470'	180'
9. Kayenta sandstone	2470'	- 2737'	267'
Fault - 2737'			
10. Paradox formation	2737'	- 5005'	2268'

FORMATIONS CORED:

<u>Formation:</u>	<u>From:</u>	<u>To:</u>	<u>Thickness:</u>
1. Morrison (to obtain dip)	1653'	- 1670'	17'
2. Morrison	1782'6"	- 1800'6"	17'
3. Morrison	2050'	- 2061'6"	11'6"
4. Kayenta	2564'	- 2581'	17'
5. Paradox	2738'	- 5005'	2237'
			Total: 2299'6"