

NATIONAL PARK SERVICE
Water Resources Division
1201 Oak Ridge Drive Suite 250
Fort Collins CO 80525

Note to File

The two wells covered by this docket
were dry and were capped. Docket
should be cancelled.



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114

February 26, 1968

DIVISION OF
WATER RIGHTS

HUBERT C. LAMBERT
STATE ENGINEER

Issue Date: February 26, 1968
Expiration Date: August 26, 1968

U. S. Dept. of Interior
National Park Service
San Francisco Planning and Service Center
450 Golden Gate Avenue, Box 36025
San Francisco, California 94102

Attention: William E. Fields, Supervisory Hydraulic Engineer

Gentlemen:

RE: TEST WELL - SAN JUAN COUNTY

Reference is made to your letter of February 16, 1968, wherein you state that the test hole drilled by you in Canyonlands National Park in SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6, T28S, R19E, was unsatisfactory since no water was found. You now request permission to drill a test hole in SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10, T27S, R19E. The first hole drilled is being plugged at this time.

This is permission to proceed with the drilling of this second test hole with the understanding that no more water is to be diverted from such a test hole than is necessary to determine the availability of a good water supply. This letter in no way grants you permission to proceed to divert and use water from this test hole for any purposes whatsoever.

As directed by my letter of May 31, 1967, following completion of the drilling and testing the casing is to be capped until such time as a proper application has been filed with the State Engineer and approval given.

The driller must be bonded and have a current permit from the State Engineer. Before commencing, he must give this office notice as to the day he will begin drilling. Also, within 30 days after the test hole has been completed or abandoned, he must file a well driller's report. Such a report is to contain accurate and complete information regarding the work done, and become part of the files in this office pertaining to this test hole.

This is permission for a licensed driller to begin drilling this test hole.

Please note that the expiration date of this letter is August 26, 1968.

me

RECEIVED	
San Francisco Planning and Service Center	
Office of Land and Water Rights	
NATIONAL PARK SERVICE	
FEB 28 1968	
ACT. INFO.	INITIALS-DATE
☒ CHIEF	
☒ ASST. CHIEF	
☐ STAFF ASST.	
☐ SUPV. AF-R	
☒ SUP. Hyd. Eng.	
BOOKS	

Respectfully,

Donald G. Stewart
Donald G. Stewart,
DIRECTING ENGINEER, APPROPRIATIONS.



THE STATE OF UTAH
OFFICE OF STATE ENGINEER

SALT LAKE CITY

May 31, 1967

HUBERT C. LAMBERT
STATE ENGINEER

Issue Date: May 31, 1967

Expiration Date: November 30, 1967

U. S. Dept. of Interior
National Park Service
San Francisco Planning and Service Center
Office of Land Water Rights
450 Golden Gate Ave., Box 36025
San Francisco, California 94102

Attention: William E. Fields, Supervisory Hydraulic Engineer

Gentlemen:

RE: TEST WELL - SAN JUAN COUNTY

Reference is made to your letter received in this office on May 29, 1967, in which you request permission to drill three test wells for exploratory purposes. One of these wells is to be drilled in Canyonlands National Park in SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6, T28S, R19E, SLB&M, to a depth in excess of 2000 feet.

This is permission to proceed with the drilling of such a test hole or well with the understanding that no more water is to be diverted from such a test well than is necessary to determine the availability of a good water supply. This letter in no way grants you permission to proceed to divert and use water from this test hole for any purposes whatsoever.

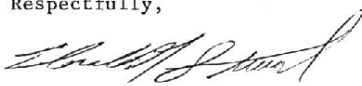
Following completion of the drilling and testing the casing is to be capped until such time as a proper application has been filed with the State Engineer and approval given.

The driller must be bonded and have a current permit from the State Engineer. Before commencing, he must give this office notice as to the day he will begin drilling. Also, within 30 days after the test hole has been completed or abandoned, he must file a well driller's report. Such a report is to contain accurate and complete information regarding the work done, and become part of the files in this office pertaining to this test hole.

This is permission for a licensed driller to begin drilling this test hole.

Please note that the expiration date of this letter is November 30, 1967.

Respectfully,


Donald G. Stewart,
DIRECTING ENGINEER, APPROPRIATIONS.

me

Supporting Hydro Data

Willow Flat Test Well Contract
No. 14-10-7-973-82
Holes at Willow Flat and The Neck

Drilled by Perry Brothers Drilling Co. Flagstaff, Arizona
June 1967 to March 1968

Bid \$50,390.00

The first test well was drilled in the SE $\frac{1}{4}$, NE $\frac{1}{4}$ of Sec. 6, T28S, R19E. to a depth of 1773'. The top 76 feet was cased and sealed off because of a small flow of salt water. Ten inch I.D. casing was set temporarily to 1175' to prevent caving in a muddy section at 780-800', but the hole was dry. The casing was pulled to 75' and plugged there with cement and a cap welded on the casing. The bore penetrated the White Rim and bottomed in the Rico formation.

The second hole was drilled on the north side of the Neck area in the SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Sec. 10, T27S, R19E. This is about one mile north of the Neck Ranger Station. It was a 12" diameter bore and bottomed at 175'. The drilling was in the Kayenta formation. The hole was dry so it was plugged.

Narrative Statement by James W. Roberts
Hydraulic Engineer, SSC 8/11/69

Well Contract - Completion Status NPS - LV By J.W. Roberts date July 16, 1968

Park Canyonlands Area Willow Flat Contract No. 14-10-7-973-82

No. of holes 2 Final Contract Price \$29,599.50

Hole No.	Location	1. T285, RNE, Sec. 6	2. T275, RNE, Sec. 10	3.	4.
Bore depth	0-1175'	1773'	175'		
" dia.	12"	10"	12"		
Casing depth		75'	None		
" dia.		10"			
Stepped Cas. depth		Completed in place			
" " dia.					
Perf. Cas. depths					
" " dia.					
Static Water level		dry	dry		
Plugged		plugged	Plugged		
Pump Test					
Rate No. 1					
Rate					
(period)					
Time at rate					
Drawdown					
Recovery time					
from (period) Dd.					
Static Wat. Lev.					
Artesion flow					
Rate No. 2					
Rate					
(period)					
Time at rate					
Drawdown					
Recovery time					
from (period) Dd.					
Rate No. 3					
Rate					
(period)					
Time at rate					
Drawdown					
Recovery time					
from (period) Dd.					
Suggested Pumping Rate					
Estimated drawdown or pump setting					

Form 10-194
(Rev. 9/60)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Canyonlands National Park

(Park)

UNIT PRICE CONTRACT

Check One:

Monthly
Estimate ☐Final
Estimate ☒

ESTIMATE NO. 3		FOR (Period) January 31, 1968 to March 25, 1968		DATE April 12, 1968	
CONTRACT NO. 14-10-7-073-22		COMPLETION DATE March 25, 1968		EXTENDED DATE ---	
CONTRACTOR Perry Brothers Drilling Company				ORIGINAL CONTRACT \$ 50,300.00	
PROJECT Drilling and developing water well(s)				CHANGE ORDERS* \$ ---	
LOCATION Willow Flat, Canyonlands National Park, Moab, Utah				TOTAL CONTRACT \$ 50,300.00	
ITEM NO.	CONTRACT QUANTITY	DESCRIPTION	QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
1	L.S.	Moving equipment to and from well site	100%	6,000.00	\$ 6,000.00
2	L.S.	Moving equipment from site to site (site 1 to site 2)	100%	800.00	800.00
3	500	Lineal feet of bore 10" in diameter, surface to 500 feet. Test Hole #1 and #2	675	12.00	8,100.00
4	500	Lineal feet of bore 10"	300	12.00	3,600.00
5	500	Lineal feet of bore 10" in diameter, 1000 to 1500 feet	500	12.00	6,000.00
6	500	Lineal feet of bore 10" in diameter, 1500 to 2000 feet	273	7.50	2,047.50
7	500	Lineal feet of bore 10" in diameter, 2000 to 2500 feet	--	--	---
8	2000	Lineal feet furnishing and installing 8" I.D. casing	75	4.50	342.00
9	500	Lineal feet furnishing and installing 8" I.D. perforated casing	--	--	---
10	16	Hours bailing test	--	--	---
11	100	Hours pumping test	--	--	---
12	25	Lineal feet, plugging of abandoned exploratory hole	20	3.00	60.00
13	40	Hours developing well	--	--	---
14	10	Feet of reaming hole to 16" from 0' to 10' and placing concrete around casing	10	25.00	250.00

RECOMMENDED (Project Supervisor)

William E. Fields
Supervisory Hydraulic Engineer

APPROVED (Contracting Officer)

(Sgd.) A. W. GRAY

Thomas Kervolis, Chief
Office of Land and Water Rights

PAID

MAY 8 1968
BU. VO. 34 13054DATE
4/12/68

SUMMARY

TOTAL TO DATE	\$ 20,300.00
LESS RETAINED AMOUNT.....	20,300.00
NET.....	18,900.00
LESS PREVIOUS PAYMENTS.....	---
LESS LIQUIDATED DAMAGES.....	10,699.50
DUE THIS ESTIMATE.....	
% COMPLETED TO DATE:	

*Show Breakdown on Reverse

(See Reverse for Distribution)

Form 10-194a
(12/61)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

UNIT PRICE CONTRACT CONTINUATION SHEET

Contract No. 14-10-7-973-82		Contractor Perry Brothers Drilling Company			
ITEM NO.	CONTRACT QUANTITY	DESCRIPTION	QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
15	5	Days standby time for evaluation of well data	3	100.00	\$ 300.00

USE OTHER SIDE FOR ADDITIONAL REMARKS

Form 10-194
(Rev. 9/60)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICEV. Fields L + V
Proj. Super.

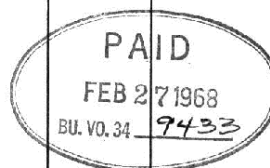
Check One:

Monthly
Estimate☒Final
Estimate☐Canyonlands National Park
(Park)

UNIT PRICE CONTRACT

ESTIMATE NO.	FOR (Period)	DATE
CONTRACT NO.	September 2, 1967 to January 31, 1968	February 23, 1968
COMPLETION DATE	April 16, 1968	May 18, 1968
CONTRACT NO.	14-105-973-82	ORIGINAL CONTRACT \$
PROJECT	Ferry Brothers Drilling Company	CHANGE ORDERS* \$
LOCATION	Drilling and developing water well(s)	TOTAL CONTRACT \$
ITEM NO.	Willow Flat, Canyonlands National Park, Moab, Utah	50,000.00

ITEM NO.	QUANTITY	DESCRIPTION	QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
1	L.S.	Moving Equipment to and from well site	50%	6,000.00	3,000.00
2	L.S.	Moving Equipment from site to site	---	---	---
3	500	Lineal feet of bore 10" in diameter, surface to 500 feet	500	12.00	6,000.00
4	500	Lineal feet of bore 10" in diameter, 500 to 1000 feet	500	12.00	6,000.00
5	500	Lineal feet of bore 10" in diameter, 1000 to 1500 feet	500	12.00	6,000.00



RECOMMENDED (Project Supervisor)

(Sgd) William E. Fields

William E. Fields

APPROVED (Contracting Officer)

A. W. Gray, Acting Chief

Office of Land and Water Rights

*Show Breakdown on Reverse

(See Reverse for Distribution)

SUMMARY

TOTAL TO DATE	21,000.00
LESS RETAINED AMOUNT	2,100.00
NET	18,900.00
LESS PREVIOUS PAYMENTS	15,288.40
LESS LIQUIDATED DAMAGES	0.00
DUE THIS ESTIMATE	3,611.60
% COMPLETED TO DATE:	20%

Form 10-194
(Rev. 9/60)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Canyonlands National Park

(Park)

UNIT PRICE CONTRACT

Check One:

Monthly
Estimate☒Final
Estimate☐

ESTIMATE NO. 1	FOR (Period) June 20, 1967 to September 2, 1967	DATE September 11, 1967
CONTRACT NO. 14-10-7-973-82	COMPLETION DATE April 16, 1968	EXTENDED DATE -----
CONTRACTOR Perry Brothers Drilling Co.		ORIGINAL CONTRACT \$ 50,390.00
PROJECT Drilling and developing water well(s)		CHANGE ORDERS* \$ -----
LOCATION Castle Butte Canyonlands National Park, Moab, Utah		TOTAL CONTRACT \$ 50,390.00

ITEM NO.	CONTRACT QUANTITY	DESCRIPTION	QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
1	L.S.	Moving equipment to and from well site	50%	\$6,000.00	\$3,000.00
2	L.S.	Moving equipment from site to site	--	--	-- --
3.	500	Lineal feet of bore 10" in diameter, surface to 500 feet	500'	12.00	6,000.00
4.	500	Lineal feet of bore 10" in diameter, 500 to 1000 feet	388	12.00	4,656.00

RECOMMENDED (Project Supervisor) <i>James W. Roberts</i> James W. Roberts Acting Supervisory Hydraulic Engineer	SUMMARY TOTAL TO DATE \$ 12,656.00 LESS RETAINED AMOUNT 10% 1,265.60 NET 12,390.40 LESS PREVIOUS PAYMENTS ----- LESS LIQUIDATED DAMAGES ----- DUE THIS ESTIMATE 12,390.40 % COMPLETED TO DATE: 16%
APPROVED (Contracting Officer) <i>Thomas Kornelis</i> Thomas Kornelis, Chief Office of Land and Water Rights	DATE Sept. 11, 1967

*Show Breakdown on Reverse

(See Reverse for Distribution)

Form 113-SM-12-60

Examined

Recorded: B. C. T. B.

Inspection Sheet

Copied

REPORT OF WELL DRILLER

STATE OF UTAH

Application No.

Claim No.

Coordinate No.

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER:

Name **National Park Service**
Address **Moab, Utah (Canyonlands #1)**

(2) LOCATION OF WELL: Salt Lake

County **San Juan** Ground Water Basin **Meridian**
(leave blank)

North **SE 1/4** East **1/4** feet from **1/4** Corner
South **1/4** West **1/4** feet from **1/4** Corner

of Section **6** T. **28** S. R. **19** E SLBM
(strike out words not needed)

(3) NATURE OF WORK (check):

Replacement Well ☐ Deepening ☐ Repair ☐ Abandon ☒ New Well ☒
If abandonment, describe material and procedure:

(4) NATURE OF USE (check):

Domestic ☐ Industrial ☐ Municipal ☐ Stockwater ☐
Irrigation ☐ Mining ☐ Other ☐ Test Well ☒

(5) TYPE OF CONSTRUCTION (check):

Rotary ☐ Dug ☐ Jetted ☐
Cable ☒ Driven ☐ Bored ☐

(6) CASING SCHEDULE: Threaded ☐ Welded ☒

10 3/4" diam. from **+1.5** feet to **75** feet Gage **365**

" Diam. from **75** feet to **1090** feet Gage
" Diam. from **1090** feet to **1773** feet Gage

New ☒ Rejected ☐ Used ☐

(7) PERFORATIONS:

Perforated? Yes ☐ No ☒

Type of perforator used

Size of perforations inches by inches

perforations from **75** feet to **1090** feet

perforations from **1090** feet to **1773** feet

perforations from **1773** feet to **1773** feet

perforations from **1773** feet to **1773** feet

perforations from **1773** feet to **1773** feet

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perforations from **1773** feet to **1773** feet

perforations from **1773** feet to **1773** feet

(12) WELL TESTS:

Drawdown is the distance in feet the water level is lowered below static level.

Was a pump test made? **NO** No ☒ If so, by whom?

Yield: **Dry** gal./min. with **0** feet drawdown after **0** hours

" " " " " "

" " " " " "

Barrel test **0** gal./min. with **0** feet drawdown after **0** hours

Arterial flow **0** g.p.m. Date **7/19/68**

Temperature of water **0** Was a chemical analysis made? No ☐ Yes ☐

(13) WELL LOG:

Diameter of well **12 1/2** inches

Depth drilled **1773** feet. Depth of completed well **1773** feet.

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

DEPTH	From	To	MATERIAL										REMARKS
			Clay	Silt	Sand	Gravel	Cobbles	Bedrock	Marl	Conglomerate	Bedrock	Other	
	0	8											Yellow Elbow Sand
	8	40											Yellow Sandstone
	40	45											Gray Sandstone
	45	148											Brown Sandstone
	148	160											Red Sandy Shale
	160	405											Red Sandstone
	405	410											Yellow Sandstone
	410	585											Light Red Sandstone
	585	590											White Sandstone
	590	620											Red Sandstone
	620	720											Light Red Sandstone
	720	755											Red Sandstone
	755	780											Light Red Sandstone
	780	800											Red Sandstone (Muddy)
	800	955											Red Shale
	955	1085											Blue & Red Shale
	1085	1090											Red Shale
	1090	1125											Purple Shale
	1125	1130											Red Shale
	1130	1175											Gray Sandy Shale
	1175	1280											Red Shale
	1280	1300											Light Red Sandy Shale
	1300	1480											Red Sandy Shale
	1480	1500											Red Sandy Shale w/ White Sandstone streaks
	1500	1525											Red Shale
	1525	1620											Sandy Red Shale
	1620	1640											Tan Sandstone
	1640	1760											White Sandstone
	1760	1773											Red Sandstone

Welded nipple casing/ to 1175'

Work started **7/19** Completed **2/18/68**

(14) PUMP:

Manufacturer's Name

Type **H. P.**

Depth to pump or bowler **0** feet

Well Driller's Statement:

This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.

Name **Perry Brothers Drilling Co.** (Type or print)

Address **2033 N. Navajo Dr., Flagstaff, Arizona 86001**

(Signed) **[Signature]** (Well Driller)

License No. **176** Date **March 29, 1968**

USE OTHER SIDE FOR ADDITIONAL REMARKS

Other Supporting Information



UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Canyonlands National Park
Arches and Natural Bridges National Monuments
Moab, Utah 84532

IN REPLY REFER TO:

L54
X Cont.file

April 10, 1968

RECEIVED		One Center
San Francisco Planning and Reclamation		
Office of Land and Water Service		
NATIONAL PARK SERVICE		
APR 15 1968		
ACT. INFO.	INITIALS	DATE
CHIEF		
ASST. CHIEF		
STAFF ASST.		
SUPV. ASST.		
PRE-ACC.		
TITLE DES.		
EXCHG. ENG.		
SUPV.		
ASST.		
SECRET		
FILE		

Robert J. M. 4/19

Memorandum

To: Chief Land and Water Rights, DCSSC
Attn: Bill Fields

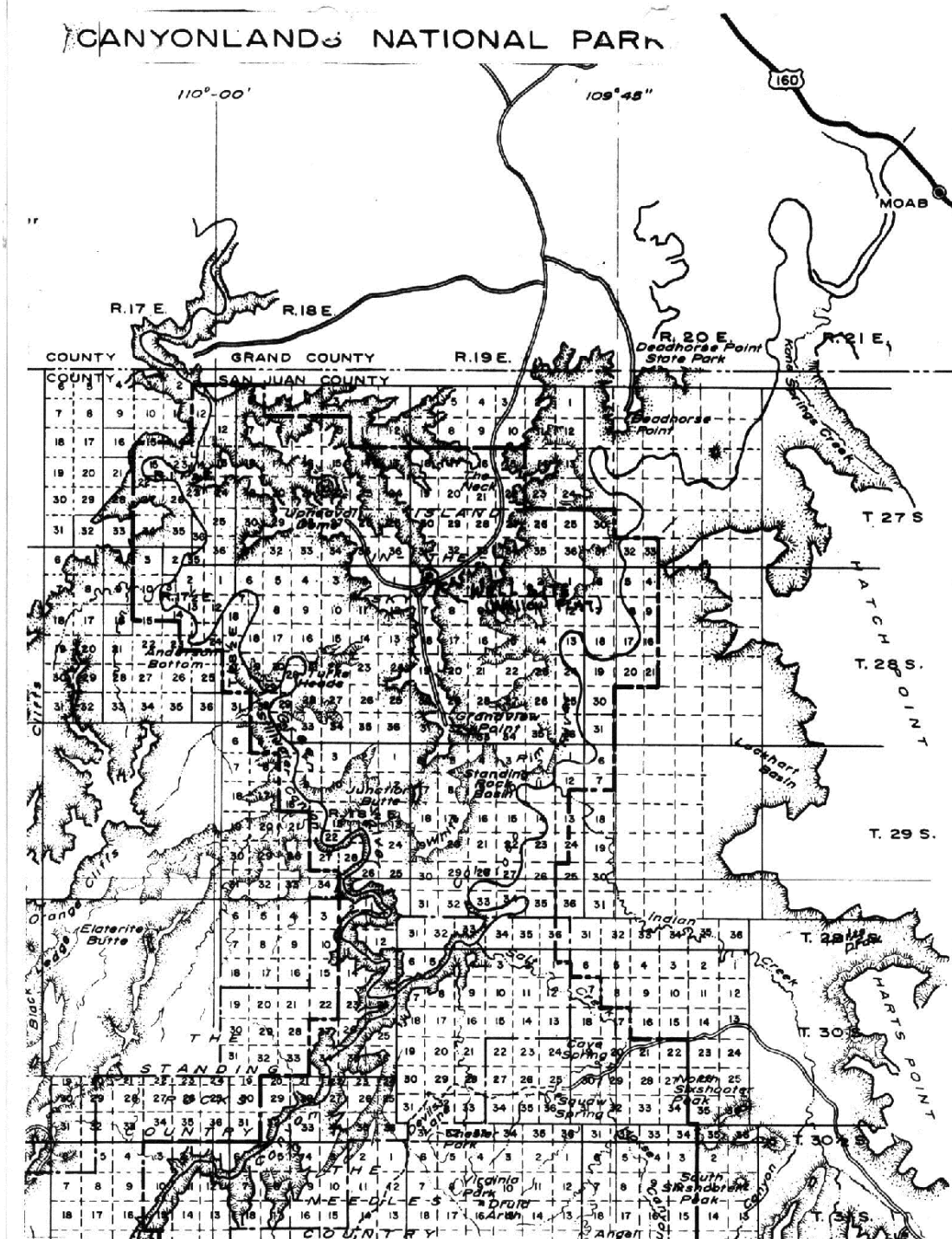
From: Superintendent, Canyonlands

Subject: Acceptance of test wells Island in the Sky

The sights, where test wells were drilled at Willow Flat and The Neck, under Perry Brothers Drilling Company contract number 14-10-7-973-82 have been inspected and satisfactory cleanup has been done. Test well number 1 at Willow Flat has been capped. Test Well No. 2 at The Neck has been sealed with concrete. The work has been accepted as satisfactory. Copies of logs from both wells are attached.

Bates E. Wilson
Bates E. Wilson





Docket Information

Number of Documents in Docket 15

Documents Dated from 5/31/1967 to 7/3/2012

Docket Compiled: 7/3/2012