FILE NOTATIONS

Entered in N I D File		Checked by Chief	
Entered On S R Sheet		Copy N I D to Field Office	
Location Map Pinned		Approval Letter	
Card Indexed		Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed	10-26-52	Location Inspected	
OW	WW	TA	Bond released
GW	OS	PA X	State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.) 3

E ✓ I E-I GR GR-N ✓ Micro ✓

Lat. Mi-L Sonic Others

CHD
03/25/92

CAR-PRO-334

GENERAL OFFICE MEMO

TO:

SUBJECT

DATE

FROM:

Jack –

Sorry I wasn't able to drop this by —

Fred

UTAH GEOLOGICAL AND MINERALOGICAL SURVEY
AFFILIATED WITH
THE COLLEGE OF MINES AND MINERAL INDUSTRIES
UNIVERSITY OF UTAH
SALT LAKE CITY, UTAH

DRILLING RECORDS

FOR OIL AND GAS IN UTAH

COMPILED UNDER THE DIRECTION OF

GEORGE H. HANSEN, H. C. SCOVILLE,

AND THE

UTAH GEOLOGICAL AND MINERALOGICAL SURVEY

From the Records of the Oil and Gas Leasing Branch of the Conservation Division of the U.S. Geological Survey

Bulletin 50 February 1955

Price $5.00

CAR-PRO-887-1A

FIELD SCOUT LOG

PROVED AREA

STATE Utah SEC 24 TWP. 1S RGE 1E

COUNTY Uintah DESCRIPTION FR. L.X. FR. OF C NW SW CTR

MAP NO.

OPERATOR The Carter Oil Company

WELL NO 1 FARM NAME Rosemary Lloyd POOL NAME Roosevelt-Step-out

TYPE TOOLS ☒ ROTARY ☐ STANDARD

DATE LOCATION DATE SPUD 5-24-51

DATE COMPLETED 5-5-52

EXPL. BK GRD.

ELEVATION DF. 5471 KB GRD. (BY)

SPECIAL TO CARTER

CONTACTS AND REMARKS Pacific Western $75,000 DHM

FINAL COMPLETION RECORD

I.P. OIL/DIST. D&A PD WTR. PD. GRAV. CORR. GOR.

I.P. GAS MCF/D. T. CHK. B. CHK. FTHR. # FCHP. #

FBHP # SIBHP # IN. MIN. T.D. 11,888 FT. PBTD FT.

PAY FROM TO PERF. W/

PAY FROM TO PERF. W/

PAY FROM TO PERF. W/

PAY FROM TO PERF. W/

CSG. - TUBING - LINER RECORD

SIZE @ W/ SAX

TREATMENT - LOG RECORD

☒ ACID ☐ SHOT

SCHLUM yes

JEEP

GAMMA RAY yes

FORMATION RECORD

SJ.	
Duchesne River	Surf.
Uintah	2075
Grn River	5785
Wasatch	9668
Paleocene	11,867

DRILLING RECORD

DST #1, 5998-6182, op 1½ hrs. Fair blow thruout test. No gas to surf. Hvy gas cut in drilling fluid at top of column. Headed and spouted about six feet in air. Rec. 2460' fluid: 450' water and gas-cut drlg fluid at top; 2010 saline water below (5,000 ppm). IFP 180#, FFP 1165#, 15 min SIP 2195#.

DST #2, 6271-6287, op 45 mins. Weak initial blow steadily decreasing to nearly dead at end of test. Shut-in pressure still building up at end of 15 mins. Rec. 180' drlg. fluid, very sli gas cut. IFP 70#, FFP 70#, 15 min. SIP 1365#.

DST #3, 6703-6740, op 1 hr. Very weak blow for 10 mins., then dead. Closed and re-opened the tool at end of 30 mins. Very

- 1596

weak blow for _ mins. then dead. Rec. 25' drlg. fluid. IFP 0 FFP 0#, 15 min. SIP 0#.

DST #4, 6723-6795, op 1 hr. Good to strong blow throughout test. No gas to surf. Rec. 1440' heavy gas and water-cut drlg. fluid. IFP 115#, FFP 645#, 15 min. SIP 1660#.

DST #5, 7219-7327, op 1 hr. Fair blow at start of test, nearly dead in 30 mins. Dead at end of test. Rec. 95' drlg fluid. IFP 0#, FFP 0#, 15 Min. SIP 150#.

DST #6, 7323-7537, op 1 hr. Good to strong blow at surf. thruout test. Smell of gas after 11 mins but would not burn. Rec. 1380' of drlg fluid and water, good gas cut, very sli oil cut. IFP 600#, FFP 950#, 15 min. SIP 3250#.

DST #7, 7523-7726, op 1 hr. Weak blow for 45 mins, then very weak intermittent blow for remainder of test and very nearly dead at end of test. Rec. 30' drilling fluid. IFP 0#, FFP 0#, 15 min. SIP 100#.

DST #8, 7728-7934, op 1 hr. Tool opened with a weak blow and continued for first 30 mins. Closed and re-opened tool, weak blow for second 30 min period. Rec. 185' slightly salt water cut drlg. fluid. IFP 20#, FFP 40#, 15 min SIP 1900#. This test was preceded by two mis-runs: the first by Johnston with packers set at 7725' in which the valve and ports were clogged with cuttings. The second mis-run was made by Halliburton with packers set at 7722' and 7716'. In this test the tool was not set on bottom fast enough after opening the valve and the weight and stretch of the anchor closed the valve. Packers in all cases held.

DST #9, 7934-8144, op 1 hr. Opened tool with a very weak blow, nearly dead in 30 mins. Closed tool and reopened with a very weak blow and gradually increased to a fair blow lasting remainder of test. The chart showed that the tool was not opened during the first 30 minute period so that this was actually only a 30 min. test. Rec. 270' drlg. fluid, sli gas cut and sli water cut. IFP 80#, FFP 120#, 15 min. SIP 3380#.

DST #10, 8142-8350, op 1 hr. Weak blow throughout test. Rec. 100' drlg. fluid. IFP 150#, FFP 200#, 15 min. SIP 300#.

DST #11, 8349-8568, op 1 hr. Weak blow at start of test, after 10 mins. increased to fair blow, at end of test had increased sli to a fair to good blow. No gas. Rec. 100' drlg. Fluid. IFP 150#, FFP 175#, 15 min. SIP 300#.

DST #12, 8564-8750, op 1 hr. Opened with a weak blow and steadily increased to a good blow. No gas. Rec. 75' drlg. fluid. IFP 30#, FFP 30#, 15 min. SIP 70#.

DST #13, 8717-8921, op 1 hr. Opened with a very weak blow and gradually increased to a weak blow. Rec. 135' drlg. Fluid, very sli gas cut. IFP 125#, FFP 185#, 15 min. SIP 275#.

DST #14, 8920-9131, op 1 hr. Good blow throughout test. Rec. 270' drilling fluid, sli gas cut. IFP 250#, FFP 250#, 15 min. SIP 380#.

DST #15, 9129-9314, op 1 hr 20 mins. Strong blow on opening tool in about 1-2 mins built up to very strong blow. Est. 5-10# on the blow line. Gas to surf in 50 mins. Burned at flow line with flame about 10-15'. Some surging on the flame. Rec. 950' fluid: 550' mud, sli oil cut; 180' mud, highly oil cut; 270' oil, mud cut; 2450' oil. mud cut(about 50% mud.) IFP 400#.FFP 500#.15 min SIP 1800#.

CAR-PRO-887-1A

FIELD SCOUT LOG

PROVED AREA

STATE Utah SEC. 21 TWP. 1S RGE. 1E

COUNTY Uintah DESCRIPTION FR. L X FR. OF C W CTR

MAP NO.

OPERATOR The Carter Oil Company

WELL NO. 1 FARM NAME Rosemary Lloyd POOL NAME Roosevelt Step-Out

TYPE TOOLS ☐ ROTARY ☐ STANDARD

DATE LOCATION DATE SPUD

DATE COMPLETED

EXPL. BK GRD

SPECIAL TO CARTER

CONTACTS AND REMARKS

ELEVATION

DF.

GRD.

(BY)

FINAL COMPLETION RECORD

I.P. OIL DIST. PD. WTR. PD. GRAV. CORR. GOR.

I.P. GAS MCF'D T. CHK B. CHK FTHP # FCHP #

FBHP # SIBNP # IN. MIN. T.D. FT. PBTD FT.

PAY FROM TO PERF. W/

PAY FROM TO PERF. W/

PAY FROM TO PERF. W/

PAY FROM TO PERF. W/

CSG. - TUBING - LINER RECORD

SIZE # W/ SAX

TREATMENT - LOG RECORD

☐ ACID ☐ SHOT

SCHLUM

JEEP

GAMMA RAY

FORMATION RECORD

DRILLING RECORD

DST #16 9370-9457, Chart showed tool not open.

DST #17 9447-9552, op 1 hr. Light blow initially and dead in 30 minutes. Recovered 10' drilling fluid. IFP 0#, FFP 0#, SIP 0#.

DST #18, 10115-10235, op 1 hr. Opened tool with fair blow (1" water) for 6 minutes, gradually decreased until dead at 11:13 A.M. (15 min.). Recovered 20' mud.

IFP 0#, FFP 0#, 15 min. SIP 0#.

On Oct. 22, 1951, ran 223 jts 7" 23#, 26#, and 29# N-80 casing. 9170' of casing overall set at 9108' and cemented W/300 sax regular cement, 4% gel. Good returns at all times. Drilled out cement in 7" casing. Found no cement below 9108' where casing was set. Plugged back from

1553

9672-9325' w/165 sx reg cement 2% gel. Let set hrs, checked top of plug which was OK. Ran Baker retrievable retainer on 2½" tubing @9074'. Swabbed tubing down and rec. 53 bbls fluid of which 53 bbls was load oil and 51 bbls new fluid varying from 2 to 50% B.S. & Mud. Last 12 hrs swabbed 16½ bbls fluid w/2% to 14% B.S.& mud. Last 2 hours was 2% B.S.& mud. Gravity of new oil 29° @ 60°F. Pulled tubing and re-ran w/packer set at 9074' and with 219' of anchor. Acidized w/1000 gal. mud acid. BPDP 1800#, Pumping in pressure 1600#, F.P. 1750#. Swabbed well after acidizing a total of 50 hours. Rec. major portion of acid water and load water in 9 hrs. Turned fluid into tank and recovered a total of 36 bbls of fluid in 36 hrs with B.S.& mud content varying from 1% to 4%. Hit fluid with swab from 75' to 250' off bottom throughout test after recovery of load water. Hydrafraced well with double batch and displaced 156 bbls material into formation. B.D.P. 3200#, maximum pressure 3800#, Final Pressure 3000#. In 8 hrs swabbed 86 bbls load oil New have from 200' to 250' of fluid above packer. In 24 hrs swabbed 19 bbls fluid, 9 bbls load oil and 10 bbls 30° gravity new oil. Oil contains 0.5% to 3% B.S.& Mud. About 100' fluid above packer. In 21 hrs swabbed 21 bbls 30° gravity oil 0.4% to 3% B.S.& mud. With retreivable retainer set @ 9080' acidized with 2500 gal. Channel acid and 12,500 gal. 15% HCL acid. Breakdown pressure with oil 3200#, max pumping in pres. 3400# with 2 trucks; minimum pressure 2300#, and final pressure 3100#. Displaced acid with oil. Swabbed load oil and most of acid water in first 9½ hours. In 24 hours swabbed 31.2 bbls fluid · 52 to 88% oil, 6 to 47% mud, and 1 to 6% acid water. in 24 hrs rec. 30 bbls fluid varying from 3% to 30% B.S. and Mud, balance oil. Hitting fluid 150' to 200' above retainer. Swabbed 30 bbls fluid in 24 hours 6% to 22% mud with only trace of water. 78 to 94% oil. 150' to 175' fluid on top of packer. Attempted to get nitro shot to bottom but would not go through mixture of load oil and high pour point oil. Displaced oil with new load oil. Shot with 250 qts nitroglycerin 9148'-9315'. Washed out gravel tamp and cleaned out cave-ins for 22 days. Swabbed down to 5500' when swab stopped. Two days later got swab down. With packer @ 9079' swabbed 21 bbls oil in 24 hrs. Oil grinds out averaged of 22% B.S.& mud. After swabbing out load oil in tubing rec. 55 bbls oil in 62 hrs. A small amount of gas appears before each swab pulled. Swabbing from 9050' with top of fluid from 8800' to 8900'. Swabbed 23 bbls in 24 hrs, 8% B.S. Fluid standing @ 8800'. Swabbed approximately 10 bbls oil 8% B.S. in last 11 hrs. Displaced oil with mud. Drilled out plug and cored ahead to a new TD of 11,888'. Temporarily abandoned on April 5, 1952 with 7" casing at 9108'. Placed 20 sax cement 9776-9671'; placed 20 sax cement 9502-9452'; placed 25 sax cement 9140-9063'.

SEP 19 1954

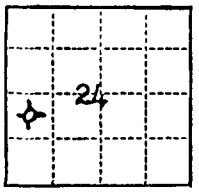
1594 —

NUMBER	LOCATION	LAND STATUS	OPERATOR AND WELL NUMBER	FIELD OR AREA	COMPLETED	ELEVATION	GEOLOGIC FORMATIONS SURFACE	GEOLOGIC FORMATIONS BOTTOM	TOPS: DEPTH IN FEET FROM SURFACE	REMARKS CONCERNING PRODUCING HORIZONS OR SHOWS	TOTAL DEPTH	WELL
UINTAH COUNTY												
24-1	NESE 18-2N1E (Uintah Meridian)	P	J. F. Walker et al #1	White Rocks	11-25-28	6300?	Nugget	Nugget	—	—	410	Ab
24-2	C SWSW 13-1S1W (Uintah Meridian)	P	Carter Oil Co. H. A. Peterson #_	Roosevelt	12-16-52	5549	Duchesne River	Wasatch	Teu 3220', Tegr 6040', Tew 10,187'.	IP 274 bbls., 32.8° API, Tegr 9825-9935' & 10,070-10,190'.	10,276	PC
24-3	C NENE 24-1S1W (Uintah Meridian)	P	Phillips Petroleum Co. Leeton #1	Roosevelt	1-1-52	5520	Duchesne River	Wasatch	Teu 1790', Tegr 6237', Tew 10,064'.	IP 295 bbls., 34.7° API, Tegr zones 9610-10,064'.	10,140	PC
24-4	C NWSW 24-1S1W (Uintah Meridian)	P	Carter Oil Co. #1	Roosevelt	4-26-53	5487	Duchesne River	Wasatch	Teu 2912', Tegr 5815', Tew 10,024'.	IP 90 bbls., pumped, 36.4° API, Tegr 9691-10,060'.	10,060	PC
24-5	C SESW 10-1S1E (Uintah Meridian)	P	Gulf Oil Corp. Whitlock #1	Roosevelt	4-30-52	5464	Duchesne River	Green River	Teu 1415', Tegr 5963'.	IP 960 bbls., 30° API, Tegr 9269-9280'.	9,660	PC
24-6	C SWSW 16-1S1E (Uintah Meridian)	In	Carter Oil Co. Ute Tribal C-1	Roosevelt	7-30-52	5460	Duchesne River	Wasatch	Teu 1840', Tegr 6005', Tew 9946'.	—	9,995	P&
2	C SESW 18-1S1E (Uintah Meridian)	P	Carter Oil Co. G. E. Houston #1	Roosevelt	3-13-53	5520	Duchesne River	Wasatch	Teu 3125', Tegr 5995', Tew 10,102'.	IP 144 bbls. pumped, 34.1° API, Tegr-Tew 9768-10,142'.	10,142	PC
24-8	C NESW 20-1S1E (Uintah Meridian)	In	Carter Oil Co. Ute Tribal B-1	Roosevelt	3-31-52	5444	Duchesne River	Wasatch	Teu 1280', Tegr 5510', Tew 9850'.	IP 218 bbls., 33° API, Tegr 8926-9232'.	9,942	PC
24-9	C NWSW 21-1S1E (Uintah Meridian)	In	Carter Oil Co. Roosevelt #1	Roosevelt	6-25-49	5410	Duchesne River	Green River	Teu 1220', Tegr 5785'.	IP 1633 bbls., 32.6° API, Tegr 9360-9390'.	9,391	PC
24-10	C NWSE 21-1S1E (Uintah Meridian)	In	Carter Oil Co. Roosevelt #2	Roosevelt	9-28-50	5393	Duchesne River	Green River	Teu 1320', Tegr 5785'.	IP 439 bbls., 32.4° API, Tegr 9080-9393'.	9,393	PC
24-1	C NWSW 24-1S1E (Uintah Meridian)	P	Carter Oil Co. Rosemary Lloyd #1	Roosevelt	10-26-52	5471	Duchesne River	Paleocene	Teu 2075', Tegr 5785', Tew 9668', Tpa 11,867'.	19 DSTs run.	11,888	P/
24-12	C SENE 28-1S1E (Uintah Meridian)	In	Carter Oil Co. Roosevelt #3	Roosevelt	9-12-52	5313	Duchesne River	Wasatch	Teu 1811', Tegr 5514', Tew 9524'.	15 DSTs. IP 228 bbls., API 32.3° Tegr-Tew 9056-9592'.	9,592	P
24-13	SESENE 29-1S1E (Uintah Meridian)	P	J. W. Weightman et al #1	Roosevelt	2-14-51	?	Duchesne River	?	—	Shut down 2-14-51 at 330'. Operating rights in conflict. Water well for farm.	330	A
24-14	N½S½ 36-1S1E (Uintah Meridian)	P	Syndicate Oil & Mining Co. #1	La Point	10-23-46	?	Duchesne	?	—	Show gas, Tew 1840-1856'.	2,207	A
24-15	SWNW 8-2S2E (Uintah Meridian)	P	Uintah Oil & Exploration Co. #1	Moffat	1919	5100?	Duchesne	?	—	—	1,100	A
24-16	SWSWNW 19-2S2E (Uintah Meridian)	P	Syndicate Oil & Mining Co. #1	Moffat	12-?-52	?	Green River	?	—	—	832	A
7	N SESE 29-4S1E (Uintah Meridian)	Pu	Utah Southern Oil Co. #1	Myton	2-24-29	5000	Uinta	Green River?	—	At 1800' in Tegr sticky substance resembling Vernal asphalt beds.	3,000	A
24-18	SWSWSE 7-3S20E	Pu	Tide Water Assoc. Oil Co. 58-7	Pine Ridge	9-17-49	7504	Shinarump	Mississippian Limestone	Ꞧm 65', Ppc 730', Cpw 876', Cpm 1630', Cm 2588'.	—	3,508	P
24-19	NWSE 28-3S21E	Pu	Maude Ellen Oil Co. #1	Neal Dome	11-2-32	5750	Nugget	Weber	—	Water well.	2,552	A
24-20	SESE 30-3S21E (Lot 10)	P	Vernal Oil & Gas Co. #1	Vernal Dome	11-?-48	?	Chinle	?	Ꞧsh 96', Ꞧm 150', Ppc 1046', Cpm 2264'.	—	2,660	A
24-21	SWSESE 30-3S22E	Pu	Cities Service Oil Co. #1	Brush Creek	?	?	Mancos	?	Kfr 1580', Kd 1910', Jm 2045', Jca 3206', Jn 3343', Ꞧc 4155', Ꞧsh 4268', Ꞧm 4375', Pp 5270'.	—	?	L
4-22	NENWNE 12-4S20E	Pu	George F. Martin #1	Coal Basin	7-4-50	5883	Carmel	Navajo	Jn 84'.	Artesian water at Jn 84-590', 2000 bbls. per day. Completed as water well.	590	P
24-23	NWNWNE 12-4S20E	Pu	George F. Martin #1-A	Coal Basin	9-25-50	5869	Carmel	Weber	Jn 95', Ꞧc 1220', Ꞧsh 1317', Ꞧm 1430', Ppc 2255', Cpw 2300'.	Water sands Jn 115-125', 355-400', 630-650'. Completed as water well.	2,314	P
24-24	NESE 21-4S20E	Pu	Union Oil Co. #1	Cottonwood Springs	6-11-42	6275	Duchesne River	Mesaverde	—	Tar sand 1630-1730'.	2,222	A

Note: Wells for each county are "spotted" on the accompanying map.

Note: For abbreviated legend data see explanation before tables.

Form 9-593a
(September 1944)



PATENTED LAND
~~STATE LAND~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION BRANCH

INDIVIDUAL WELL RECORD

Section 24
T. 1 S.
R. 1 E.
Uinta Mer.

Date December 8, 1952

Reference No. 5

State Utah

~~Lessee or~~ owner Rosemary Lloyd

County Uintah

Field ~~Roosevelt Unit Area~~ WC

Operator The Carter Oil Company

District Salt Lake City

Well No. Rosemary Lloyd No. 1

Subdivision C NW¼SW¼

Location 660 ft. from N. line and 660 ft. from W. line of SW¼ sec. 24

Drilling approved ....., 19..

Well elevation 5471 K.B. feet.

Drilling commenced May 24, 1951

Total depth 11,888 feet.

Drilling ceased April 5, 1952
Plugged October 26 52

Initial production

Completed for production ....., 19..

Gravity A. P. I.

Abandonment approved May 20, 1953
✓ CM 8-5-53

Initial R. P.

Geologic Formations

Surface	*Lowest tested*
Duchesne River	Paleocene

Productive Horizons

Name	*Depths*	*Contents*
		Dry Hole

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1951					Drg	Drg	Drg	Drg	Drg	Drg	Drg	Drg
1952	Drg	Drg	Drg	Abd								
1953					P&A 11888'							

REMARKS Casing: 796' 10-3/4" cc at 806' w/550 sax
9170' 7" cc at 9108' w/300 sax - recovered 4029'

Tops:

Uinta	2075'
Green River	5785'
Wasatch	9668'
Paleocene	11,867'

19 DSTs run.

REPLACEMENT SHEET

U. S. GOVERNMENT PRINTING OFFICE 16—41900-1

Scouting Section
Denver, Colorado

May 27, 1965

N. E. Ries
Salt Lake City

DATA ON POSSIBLE WATER SANDS - CARTER #1 ROSEMARY LLOYD, NW SW SECTION 24-1S-1E, UINTAH COUNTY, UTAH

In response to your inquiry concerning formations encountered to 800' on the above named well and any water shows encountered in sands to that depth, the following data are furnished:

1. The Duchesne River formation was found from surface to 2075'.

2. Casing (10-3/4") was set at 803'.

3. All logs run, with exception of the Lane Wells Radioactivity log, were from bottom of the casing on down. A copy of the latter covering the interval in question is attached.

4. Our sample description and strip log on the well are not too definitive from a standpoint of picking possible water sands.

5. An analysis of the radioactivity log indicates the following insofar as possible water sands from 0-800' are concerned:

639-70' and 685-95'.	Cleanest sands, porosity ranges from 10 to 25%. (Water is capable of migrating through sands whose porosity ranges better than 10%).
254-65' and 285-89'.	Possible water sands. Shalyness may be of such magnitude the water productivity would be restricted.
300-322'.	Appears to be a good clean water sand, porosity 12 to 17%.
77-94'.	Probably cobblestones and boulders. Might possibly carry water. (Water has been pumped from this zone at other places).

W. A. CRUTCHER

/jf

Attachment

UNITED NO. 1
SEAM
DATE ESTABLISHED
DATE ABANDONED
CLASS
COUNTY
TOWNSHIP
STATE
FORMATION
TERMINUS
DATE COMP.
TOTAL DEPTH
CONTRACTOR
ELEVATION
LOCATION
ABSTRACT
PRODUCTION
INITIAL PROD.
REMARKS

Lease 193
WL-047-10291

Sec. 1 NE/4 SE/4
[illegible]
[illegible]
[illegible]

PROPERTY OF
UNION OIL COMPANY OF CALIFORNIA
444 Sherman Denver, Colorado

DENVER OFFICE
NOV 1 1 1952