

FILE NOTATIONS

Entered in NID File _____

Entered On S R Sheet _____

Location Map Pinned _____

Card Indexed ✓

IWR for State or Fee Land _____

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 10-50

OW _____ WW _____ TA ✓

GW _____ OS _____ PA _____

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

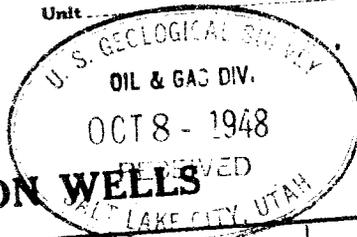
Lat _____ Mi-L _____ Sonic _____ Others _____

Form 9-381a
(March 1942)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OCT 11 1948

Land Office Salt Lake City
Lease No. 068842
Unit _____



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

September 29, 1948

Well No. Argyle #1 is located 400 ft. from N line and 440 ft. from E line of NE 1/4 NW 1/4 sec. _____

NE 1/4 NW 1/4, Sec. 14 11 South 12 East S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Argyle Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

12-inch 40-lb. surface casing cemented to 120-foot depth.
Depth of hole--3000 feet. Expect oil in Weber sands, 1700 ft.
Jesse Couruthers, Geologist, Denver, Colorado.

(SEE ATTACHED RIDER FOR APPROVAL)

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

Company MCCARTHY GAS & OIL CO., INC.

Address c/o McKay, Burton, Nielsen & Richards

720 Newhouse Building

Salt Lake City 1, Utah

By

Title

Vice President

CONDITIONS OF APPROVAL

1. The lessee or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and location of the well and shall take all necessary precautions to preserve these markings.
2. A conductor or surface string of casing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and length and have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, oil or water is encountered.
3. All showings of oil or gas are to be adequately tested for their commercial possibilities. All showings shall be properly protected by mud, cement, or casing so that each showing will be confined to its original stratum. Necessary precautions shall be taken to prevent waste or damage to other minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash and salt.
4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the office of the U. S. Geological Survey, P. O. Box 400, Casper, Wyoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.
5. Two copies of the log of this well on Form 9-330, or other acceptable form and ~~when available~~ two copies of all electrical logs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator or completion of the well whichever is earlier.
6. The District Engineer, C. A. Hauptman, 306 Federal Building, Salt Lake City 1, Utah, shall be notified on Form 9-331a in triplicate giving thereon all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation tests, sheeting or acidizing, running or cementing casing, other than the surface or conductor string, to permit approval of the notice prior to date of proposed work.

Approved OCT 11 1948

C. A. Hauptman
District Engineer



720 Newhouse Building
Salt Lake City 1, Utah
November 23, 1948

Mr. C. A. Hauptman
District Engineer
U. S. Department of the Interior
Geological Survey
Oil and Gas Leasing Division
306 Federal Building
Salt Lake City 1, Utah

Dear Mr. Hauptman:

This letter will serve as our first weekly report to you on the drilling of well #1 at the Argyle Field.

This well was spudded in on November 22nd. We are down 35 feet, with a 15-inch hole. We struck water at 18 feet, but we have 33 feet of sixteen-inch casing and have the water shut off now.

Our geologist is not yet available at the well, and I am personally supervising operations. I shall continue to make a report to you of each week's operations.

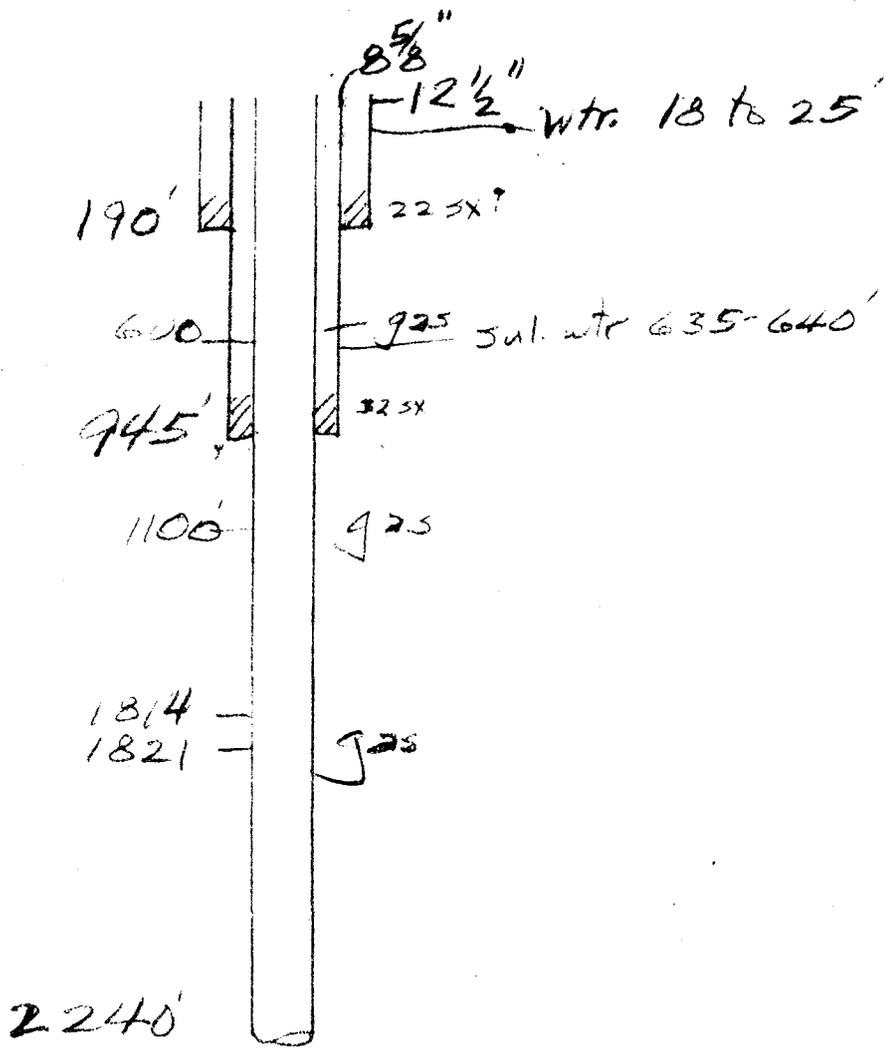
Very truly yours,

John Savage
John Savage

JS:ag

Re: McCarthy Gas & Oil Company
Argyle Field, Well #1
Duchesne County, Utah
Salt Lake City Serial 008842

McCarthy Oil Co. SL-068842
NE¹/₄ NW¹/₄ sec 14-11^s-12^e
TD 2240



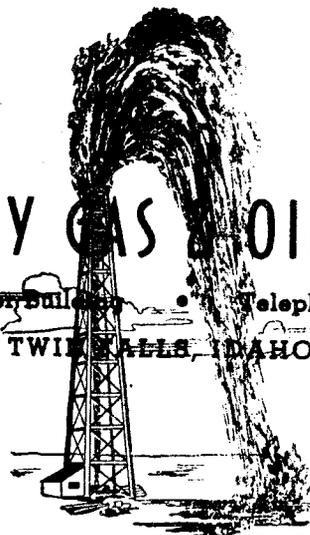
King Oil, Inc.
P.O. Box 329
Wichita Falls, Texas

F. McCARTHY, President
JOHN SAVAGE, Vice-President
RICHARD G. HUNT, Secretary-Treasurer

McCARTHY GAS & OIL CO., Inc

Burkholder Building • Telephone 2676

TWIN FALLS, IDAHO



720 Newhouse Building
Salt Lake City, Utah
November 29, 1948

Mr. C. A. Hauptman
District Engineer, Geological Survey
U. S. Department of the Interior
Oil and Gas Leasing Division
306 Federal Building
Salt Lake City 1, Utah

Dear Mr. Hauptman:

Re: McCarthy Gas & Oil Co., Inc.
Argyle Field, Well #1
Duchesne County, Utah
Salt Lake City Serial 068842

It was necessary to put in casing to 50 feet to shut off the water, which continued from 18 to 25 feet. We reached 192 feet on Saturday night, November 27th. Our log to date is as follows:

0 - 10 feet	-- soil and clay
10 - 49 feet	-- mixture of gravel and boulders and yellow clay
49 - 70 feet	-- blue lime
70 - 75 feet	-- blue and light gray lime and black sand rock
75 - 80 feet	-- light gray and blue lime
80 - 85 feet	-- blue lime
85 - 90 feet	-- blue and light gray lime and black asphalt
90 - 95 feet	-- blue lime
95 - 100 feet	-- blue lime
100 - 105 feet	-- brown lime
105 - 120 feet	-- blue lime
120 - 125 feet	-- brown and dark gray lime
125 - 135 feet	-- black sandy lime
135 - 170 feet	-- blue lime
170 - 175 feet	-- green and dark gray lime
175 - 185 feet	-- dark gray lime
185 - 192 feet	-- dark gray

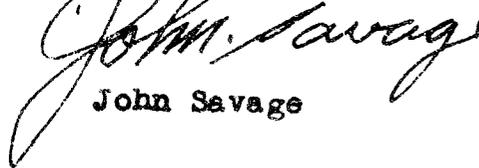
Mr. C. A. Hauptman

-2-

November 29, 1948

The well is now down for the setting of surface casing.

Very truly yours,

A handwritten signature in cursive script that reads "John Savage". The signature is written in dark ink and is positioned above the typed name.

John Savage

JS:mg

Salt Lake City

(SUBMIT IN TRIPLICATE)

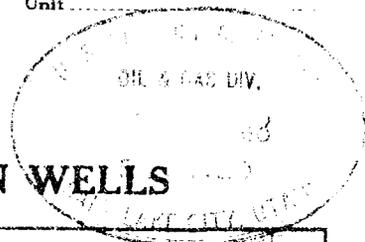
Land Office 068842

Lease No.

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

12-9-48



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	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

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

Argyle

December 6, 1948

Well No. _____ is located ⁴⁰⁰ ft. from ^[N] line and ⁴⁴⁰ ft. from ^[E] line of sec. ^{NE 1/4 NW 1/4}
NE 1/4 NW 1/4, Sec. 14 **11 South 12 East** **S.L.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Argyle **Duchesne** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

12 2 " Well spudded in November 22nd. Water from 18 to 25 feet;
 16-inch surface casing cemented to 190-feet. Cement will be set for 84 hours.

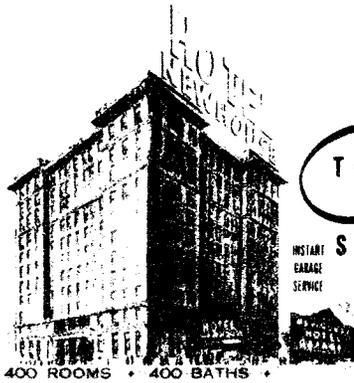
40' of 16" casing

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

Company **McCARTHY GAS & OIL CO., INC.**
 Address **720 Newhouse Building, S.L.C., Utah**

Approved **DEC 8 1948**
C. Hauptman
 District Engineer

By *John Savage*
 Title **Vice President**



THE *Newhouse* HOTEL
 SALT LAKE CITY, UTAH

400 ROOMS • 400 BATHS •

EUROPEAN PLAN

• RATES \$2.20 TO \$4.00

From 635 to 650 Water flowed over the top
 of the 12" casing - some sulphur content.
 and estimate the flow at about 3 B/B1 per
 hour -

16"

Sincerely yours,
 Jess E. Krumpholtz

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Salt Lake City
LEASE NUMBER 058542
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Argyle

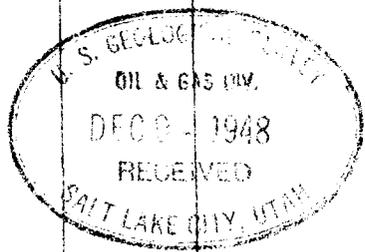
The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1948 McCarthy Gas & Oil Co., Inc.

Agent's address 720 Washhouse Building Company _____
Salt Lake City, Utah Signed John Savage by Daniel M. H. H. H. H.

Phone 3-7685 Agent's title Vice President

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)
<u>NE 1/4 Sec. 14</u>	<u>11S</u>	<u>12E</u>	<u>#1</u>	<u>0</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>Well spudded in November 22d. Water from 18-25 feet. 16-inch surface casing cemented to 190 ft. Cement will set for 84 hours.</u>

DEC 10 1948



Note.—There were no runs or sales of oil; no M. cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" when applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed duplicate with the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.

JOHN F. MCCARTHY, President
 JOHN SAVAGE, Vice-President
 RICHARD G. HUNT, Secretary-Treasurer

MCCARTHY GAS & OIL CO., Inc.

Burkholder Building • Telephone 2676

TWIN FALLS, IDAHO

Dec 14th 1948



Highway No. 1. N.E. 1/4 Sec 14
 115 R12 E. S. 11 N.
 Duchesne Co. Utah

Mr. C. A. Hauptman
 Salt Lake City
 Utah

Dear Mr. Hauptman -

Having no forms here - am forwarding

This in lieu of them - The Coz as follows.

192-195	Dark Grey Limsey Shale	} Dec 3 th
195-200	Gray Shale " Hard	
200-205	" " " "	
205-210	" " " "	
210-215	" " " "	
215-220	" " " "	
220-225	Green "	} Dec 9 th
225-230	" " " "	
230-235	" " " "	
235-240	" " " "	
240-245	Gray " soft	
245-250	" " " "	
250-255	" " " "	
255-260	Greenish Gray Shale	} Dec 10 th
260-265	" " " Sandy - Water	
265-270	" " " "	
270-275	Brown Sandstone. Hard.	
275-280	" " " "	
280-285	Tan " "	
285-290	Variogated Shale	
290-295	Gray " "	
295-300	Green + Gray " "	
300-305	" " " "	
305-310	" " " "	
310-315	" " " "	
315-320	Dark Green " "	} Dec 11 th
320-325	" " " "	
325-330	" " " "	
330-335	" " " "	
335-340	" " " "	
340-345	" " " "	
345-350	" " " "	



Dec 10th

Dec 11th

0. 0. 0.



THE Newhouse

SALT LAKE CITY, UTAH

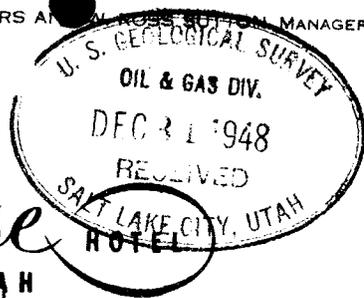
Dec 31 1948

INSTANT GARAGE SERVICE

400 ROOMS • 400 BATHS

EUROPEAN PLAN

RATES \$2.20 TO \$4.00



Mr. Chas. A. Hauptman
306 Federal Bldg.
Salt Lake City
Utah.

NE NW Sec 14.
T₃ 11 S. R 12 E S 1 M.

Dear Mr Hauptman

Enclosing here with the Log to Date
on the McCarthy No 1 - Argyle Field
Duchesne County Utah

350-355	Gray Shale		
355-360			
360-365	Brown Gray Shale		
365-370	"	"	"
370-375	"	"	Sand
375-380	Gray	"	Limy
380-385	"	"	"
385-390	"	"	Sand
390-395	"	"	Soft
395-400	"	"	"
400-405	"	"	"
405-410	"	"	"
410-415	Green Gray	"	Hard Limy
415-420	"	"	"
420-425	"	"	"
425-430	"	"	Sticky
430-435	"	"	"
435-440	"	"	"
440-445	"	"	Hard Limy
445-450	"	"	"
450-455	"	"	"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER 068842
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne and Hooper

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1948

Agent's address 1110 1/2 S. Main St. P.O. Box 1110 Company Earlby Oil Lease
Timothy T. Tsch Signed James L. Caruthers
Phone _____ Agent's title Field Supt

SEC AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATA 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)
<u>N1E 1/4 Sec 14</u>	<u>11</u>	<u>12</u>	<u>1</u>		<u>None</u>	<u>-</u>	<u>None</u>	<u>None</u>		<u>Shut down over 101 days. To depth 600 ft</u>
<p><u>Ran 112 ft 1/2 in I.D. casing and set with 250 x Cement</u></p>										

DEC 3 1948
ORIGINAL FILED



NOTE.—There were 170 runs or sales of oil; _____ M. cu. ft. of gas sold; _____ 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER 066842
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Argyle

The following is a correct report of operations and production (including drilling and producing wells) for the month of _____, 19 49,

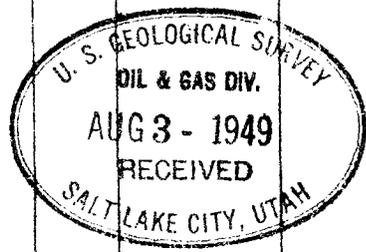
Agent's address 720 Newhouse Building Company McCarthy Gas & Oil Co., Inc.
Salt Lake City, Utah Signed John A. Swagi

Phone 3-7685 Agent's title Vice President

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCE	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 gasline content of gas)
				0	--	--	--	--	1 7/8	645-650 Grey & dark 7/16/49-- grey line 7/17/49-- 650-655 Grey & dark grey line 650-655 " " " " 655-660 " " " " 660-665 " " " " 665-670 " " " " 670-675 Grey sand. 675-680 " " " " 7/18/49-- 680-685 Grey sand 685-690 " " " " 690-695 Grey & dark grey line 695-700 " " " " 700-705 " " " " 705-710 " " " " 7/19/49 -- 710-715 Grey & dark grey line 715-720 " " " " 720-725 " " " " 725-730 " " " " 730-735 " " " " 735-740 " " " " 7/20/49 -- 740-745 Grey & light grey sand 745-750 " " " " 750-755 " " " " 755-760 " " " "

ORIGINAL RETURNED TO AGENT

AUG 12 1949



Note.—There were no runs or sales of oil; _____ M. cu. ft. of gas sold;

no runs or sales of gasoline during the month. Write "no" in blank space.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER 06842
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Argyle

The following is a correct report of operations and production (including drilling and producing wells) for the month of January 1st, 1949 to July 15, 1949.

Agent's address 720 Newhouse Building Company MCCARTHY GAS & OIL CO., INC

Salt Lake City 1, Utah

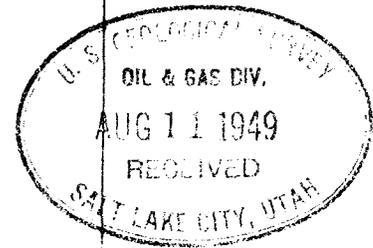
Signed [Signature]
Agent's title Vice President

Phone 3-7685

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)
Sec. 14										
14-14	11S	12E	#1	--	--	--	--	--	--	Bad weather; no operations during this period.

AUG 2 1949

U.S. GEOLOGICAL SURVEY



Note.—There were no runs or sales of oil; no M. cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

Normal.—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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Project Number 114-2-1000
Approval expires 11-30-50

LAND OFFICE Salt Lake City
LEASE NUMBER 008812
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Daguerre Field Argyle

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1949, Supplemental, July 28 to July 31.

Agent's address 720 Newhouse Building Company MCCARTHY GAS & OIL CO. INC.
Salt Lake City 1, Utah Signed J. F. McCarthy

Phone 3-7685 Agent's title President

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)
<u>Sec. 14</u>	<u>118</u>	<u>12E</u>	<u>#1</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<p><u>7/29/49</u> <u>930-935 - light green, grey, light brown formation.</u></p> <p><u>935-940 - Fine hard sandstone, showing of oil; operations stopped.</u></p> <p><u>No further operations during the month of July.</u></p>

AUG 12 1949



NOTE.—There were no runs or sales of oil; no M. cu. ft. of gas sold;

no 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.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **068842**
Unit **Argyle**

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.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	Notice of Intention to Set Casing	X

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

August 13, 1949

Well No. **Argyle #1** is located **400** ft. from **N** line and **440** ft. from **E** line of sec. **NE 1/4 NW 1/4**
NE 1/4 NW 1/4, Section 14 11 South 12 East S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Argyle **Duchesne** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 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)

Plan to set 8-5/8" O. D. casing from surface to 945 feet depth with 32 sacks of cement.

September 20th: This casing was run on August 15, 16 and 17, and a W.S.O. test found to be highly satisfactory on September 6th.

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

Company **McCarthy Gas & Oil Co., Inc.**
 Address **720 Newhouse Building, S.L.C., Utah**

Approved **08 15 1949**

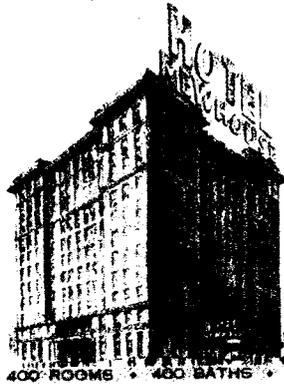
C. Hauptman
District Engineer

By *John Savage*
 Title **Vice President**

	760-765	Blue & grey & dark grey & brown lime
7/21/49	765-770	Blue & grey & dark grey & brown lime
	770-775	Grey and dark grey and dark blue lime
	775-780	" " " " " " " "
	780-785	" " " " " " " "
	785-787	Grey sand, some dark grey lime, gas
	787-790	Grey sand, dark grey lime
	790-795	Grey sand
	795-800	" "
7/22/49	800-805	Grey sand, grey and brown lime
	805-810	Grey and blue sandy formation
	810-815	Grey and blue sandy formation
	815-820	Grey and blue sandy formation
	820-825	Grey and blue sandy formation
	825-830	Grey and blue sandy formation
7/23/49	830-835	Grey and blue sandy formation
	835-840	Grey and light grey formation
	840-845	Grey, green and brown salvage
	845-850	" " " " " " " "
7/24/49	850-855	Grey and dark grey and brown sandy formation grey salvage
	855-860	" " " " " " " "
	860-865	Grey and dark grey, light green and dark brown formation
7/25/49	865-870	Grey and dark grey, light green and dark brown formation
	870-875	" " " " " " " "
	875-880	" " " " " " " "
7/26/49	880-885	Grey, light and dark grey, light green formation
	885-890	" " " " " " " "
	890-895	" " " " " " " "
	895-900	" " " " " " " "
7/27/49	900-905	Grey and dark grey sand
	905-910	Light green, grey and light brown formation
	910-915	" " " " " " " "
	915-920	" " " " " " " "

7/28/49

920-925 Light green, grey, light brown
formation
925-930 Light green, grey, light brown
formation.



THE Newhouse HOTEL

SALT LAKE CITY, UTAH

INSTANT
GARAGE
SERVICE

400 ROOMS • 400 BATHS

EUROPEAN PLAN

RATES: \$2.00 TO \$4.00

455-460	Gray Shale	Very Soft
460-465	"	"
465-470	"	"
470-475	"	"
475-480	"	"
480-485	"	"
485-490	"	"
490-495	"	"
495-500	"	"
500-505	"	"
505-510	Brown	"
510-515	"	"
515-520	"	"
520-525	Gray	"
525-530	"	"
530-535	"	"
535-540	"	"
540-545	"	"
545-550	"	"
550-555	"	"
555-560	"	"
560-565	"	"
565-570	"	sandy
570-575	"	"
575-580	"	"
580-585	"	"
585-590	"	"
590-595	"	"
595-600	"	"
600-605	Brown Sandstone	Water
605-610	"	"
610-615	Greenish Gray	Shale
615-620	"	"
620-625	"	"
625-630	"	"
630-635	Brown S.	"
635-640	"	"
640-645	"	"
645-650	"	"

9-9-49

950-955- Grey Sand
955-960- Dark grey shale
960-965- " " "
965-970- " " " hard

9-9-49

970-975- " " "
975-980- " " "
980-985- " " "
985-990- " " " "
990-995- " " " "
995-1000- " " " "

9-10-49

1000-1005 Grey Sand
1005-1010 " " "
1010-1015 Hard Sandy Brown Shale
1015-1020 " " " "
1020-1025 Sticky " "
1025-1030 Hard Sandy Grey Shale
1030-1035 " " " "

9-11-49

1035-1040 - Hard Grey Sandy Shale
1040-1045 - " " " "
1045-1050 - Grey Sand
1050-1055 - Grey sandy shale
1055-1060 " " "
1060-1065 " " "
1065-1070 Hard grey + dark grey sandy shale
1070-1075 " " " "
1075-1080 " " " "

9-12-49

1080-1085 - Hard grey + dark grey sandy shale
1085-1090 " " " "
1090-1095 " " " "
1095-1100 Hard dark grey shale
1100-1105 " " " "
1105-1110 Grey sand.

9-13-49

1110-1115	Grey limie shale
1115-1120	" " "
1120-1125	" " "
1125-1130	" " "
1130-1135	" " "
1135-1140	" " "

9-14-49

1140-1145	Hard grey limie Shale
1145-1150	" " "
1150-1155	" " "
1155-1160	" " "

9-15-49

1160-1165	Hard grey limie Shale
1165-1170	" " "
1170-1175	" " "
1175-1180	" " "
1180-1185	" " "
1185-1190	" " "

9-16-49

1190-1195	Hard grey limie Shale
1195-1200	" " "
1200-1205	" " "
1205-1210	Hard grey + brown limie Shale

9-17-49

1210-1215

1215-1220

~~1220-1225~~

~~1225-1230~~

Hard Brown limic shale

00 00 00 00

9-18-49

1220-1225

1225-1230

1230-1235

1235-1240

Hard Brown limic shale

00 00 00 00

00 00 00 00

00 00 00 00

Reed

9/19/49

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEASING OFFICE Salt Lake City
LEASE NUMBER 60004
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Argyle

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1949.

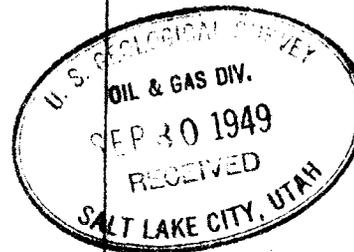
Agent's address 720 Newhouse Building Company McCarthy Gas & Oil Co., Inc.
Salt Lake City 1, Utah

Signed John Savage
Agent's title Vice President

Phone 3-7685

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)
<u>Sec. 14 NE 1/4</u>	<u>11S</u>	<u>12E</u>	<u>#1</u>	<u>--</u>	<u>---</u>	<u>--</u>	<u>---</u>	<u>--</u>	<u>---</u>	<u>NO DRILLING IN August. 8-2/3' G.S. casing set from surface to 945 feet--15 sacks of cement.</u>

OCT 5 - 1949
ORIGINAL FORWARDED TO CASPER



NOTE.—There were no runs or sales of oil; no M. cu. ft. of gas sold;

no 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.

Savage & Denton, Drill Contractors

Murtaugh, Idaho

JOHN SAVAGE
Telephone 15

RALPH DENTON
Telephone 32R1

Daily Record of Drilling on Well
at Argyle, Utah 9/19/49-9/24/49

	From	To	
9/19/49	1240	1250	Hard brown limey shale
	1250	1255	Stickey blue shale
	1255	1275	Brown sticky shale
9/20/49	1275	1280	Sticky grey shale
	1280	1290	Grey shale
9/21/49	1290	1295	Hard grey shale
	1295	1300	Grey and brown shale
9/22/49	1300	1310	Brown limey shale
	1310	1320	Grey limey shale
9/23/49	1320	1330	Grey limey shale
	1		
9/24/49	1330	1340	Grey limey shale



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Section Form No. 31 (Revised)
Approved August 11, 1943
Salt Lake City

Lease District 658842
Lease Number _____
Unit _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Argyle
The following is a correct report of operations and production (including drilling and producing wells) for the month of September, October and November, 1944.
Agent's address 520 Newhouse Building Company McCarthy Gas & Oil Co., Inc.
SALT LAKE CITY, UTAH Signed [Signature]
3-7685 Agent's title Vice President
Phone _____

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)
Sec. 14										No operations since last report. Well closed down for the winter.
	11S	12E	#1	--	---	---	---	---	---	

ORIGINAL FORWARDED TO C/...



Note.—There were no runs or sales of oil; no M. cu. ft. of gas sold;
no 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Revised Form No. 28-22003
Approved April 13-50-51

LAND OFFICE Salt Lake City
LEASE NUMBER 068842
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Argyle Area

The following is a correct report of operations and production (including drilling and producing wells) for the month of November & December, 1949,
McCarthy Gas & Oil Co. Inc.

Agent's address Box 429, Elko, Nevada Company McCarthy Gas & Oil Co. Inc.

Signed Joe J. McCarthy Agent's title President

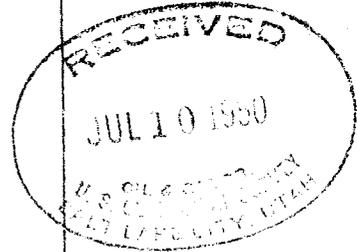
Phone 1106

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)
Sec. 4 SW 1/4										
8 E 1/4										
9 All										
10-1/2 SW 1/4										
11 SW 1/4										
14 All										
15 NE 1/4	11S	12E	1							Weather conditions will not permit drilling Intend drilling at a later date.

JUL 10 1950

ORIGINAL RETURNED TO CASPER

COPY RETAINED DISTRICT OFFICE



Note.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER 66842
UNIT _____

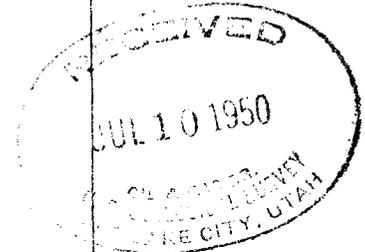
LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Argyle Area
The following is a correct report of operations and production (including drilling and producing wells) for the month of Jan. 1 - July 1, 19 50, McCarthy Gas & Oil Co.
Agent's address Box 429, Elko, Nevada Company McCarthy Gas & Oil Co.
Signed Jac. F. McCarthy
Phone 1106 Agent's title President

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)
Sec. 4 SW 1/4										Weather conditions will not permit drilling. Starting to drill in July 1950.
8 E 1/4										
9 All										
10 W 1/2, SE 1/4										
11 SW 1/4										
14 All										
15 NE 1/4	11S	12E	1							

JUL 10 1950

ORIGINAL RETURNED TO CASPER



Note.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

____ 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 the well. Duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed.

~~14-118-12E~~ ARGYLE - Duchesne County
N NE 1/4, McCarthy Oil Company, Well No. 1 (Salt
Lake 068842), Ref. No. 1
AUG - 1950
X STATUS: Drg - T.D. 2078' (Co. reports)
REMARKS: CR. Drilled ahead to 2078'. Good show gas
184-21'. Gas coming up between 8-5/8" and 12-1/8".
Preparing to install Braden Head between casings and
shut off gas by reversing circulation by high pressure
mud pumps. *Correction.

~~14-118-12E~~ ARGYLE - Duchesne County
N NE 1/4, McCarthy Oil Company Well No. 1 (Salt
Lake 068842), Ref. No. 1
SEP - 1950
X STATUS: Drg - T.D. 2078' (Co. reports)
REMARKS: Preparing to shut off water and gas.

~~14-118-12E~~ ARGYLE - Duchesne County
N NE 1/4, McCarthy Oil Company Well No. 1 (Salt
Lake 068842), Ref. No. 1
OCT - 1950
X STATUS: DSI - T.D. 2078' (Co. reports)
REMARKS: Pumped heavy mud under pressure between two
strings of casing and mudded off water and gas.
Contractor's rig removed and operations shut down
for winter. Will drop.

~~14-118-12E~~ ARGYLE - Duchesne County
N NE 1/4, McCarthy Oil Company Well No. 1 (Salt
Lake 068842), Ref. No. 1
NOV - 1950
X STATUS: DSI - T.D. 2240'
REMARKS: Correction in total depth.

ARGYLE - Duchesne County
14-11S-12E N NE~~1~~² NW~~1~~⁴, McCarthy Gas & Oil Co., Inc., Well No. 1
(Salt Lake 068842), Ref. No. 1

X STATUS: Drg - T.D. 192' (Co. reports) NOV 1948

REMARKS: NEW DRILLING WELL. Drilling commenced 11-22-48.
Surface, Green River. Objective, 3080'. Fresh water
18-25'. Formation shut off at 50' with casing.

ARGYLE - Duchesne County
14-11S-12E N NE~~1~~² NW~~1~~⁴, McCarthy Gas & Oil Co., Inc., Well No. 1
(Salt Lake 068842), Ref. No. 1

X STATUS: - Drg - T.D. 650' (Co. reports) 1948

REMARKS: 190' 16" cc w/45 sax. Sulphur water 635-50'
flowed 75 bbls/day.

ARGYLE - Duchesne County
14-11S-12E N NE~~1~~² NW~~1~~⁴, McCarthy Gas & Oil Co., Inc. Well No. 1
(Salt Lake 068842), Ref. No. 1

X STATUS: DSI - T.D. 650' (Co. reports) JAN 1949

REMARKS: Shut down for bad weather. Will drop.

ARGYLE - Duchesne County
14-11S-12E N NE~~1~~² NW~~1~~⁴, McCarthy Gas & Oil Co., Inc. Well No. 1
(Salt Lake 068842), Ref. No. 1

X STATUS: Drg - T.D. 945' (Co. reports)

REMARKS: OR 7-16-49. Show oil 935-40'. 945' 8-5/8"
cc. Waiting on cement to set.

ARGYLE - Duchesne County
14-11S-12E N NE~~1~~² NW~~1~~⁴, McCarthy Gas & Oil Co., Inc. Well No. 1
(Salt Lake 068842), Ref. No. 1

X STATUS: Drg - T.D. 1340' (Co. reports)

REMARKS: In a gray limy shale.

ARGYLE - Duchesne County
14-11S-12E N NE~~1~~² NW~~1~~⁴, McCarthy Gas & Oil Co., Inc., Well No. 1
(Salt Lake 068842), Ref. No. 1

X STATUS: DSI - T.D. 1340' (Co. reports)

REMARKS: Operations suspended. Will drop from report

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF A WELL SHUT-IN
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SPLITTING OR ADJUSTING
NOTICE OF INTENTION TO TEST WATER SHUT-IN	SUBSEQUENT REPORT OF A WELL CLOSING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REPAIRING OR REPAIR
NOTICE OF INTENTION TO FLOOD OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Notice of Intention to Pull Casing

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

August 1st, 1950

Well No. Argyle #1 is located 400 ft. from N line and 440 ft. from E line of sec. NE 1/4 NW 1/4
NE 1/4 NW 1/4, Section 14, 11 South 12 East S. 1. M.
 (1/4 Sec. and Sec. No.) (Twp) (Range) (Meridian)
Argyle Duchesne Utah
 (Field) (County or Subdivision) (State or Territory)

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

DETAILS OF WORK

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

It is planned to pull the 8-5/8" inside casing in order to commence drilling with a rotary rig. 945' of this casing was run and cemented with 32 sacks.

I understand that this plan of work must receive approval in writing by the Controller. Success to this operations may be commenced.

Company MCCARTHY OIL COMPANY
 Address Hunter Theatre Building
Elko, Nevada

By [Signature]
 Title President

[Signature]

POOR COPY

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Budget Form No. 2-200-1
Approved August 11-20-44

LAND OFFICE Salt Lake City
LEASE NUMBER 06842
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Argyle Area
 The following is a correct report of operations and production (including drilling and producing wells) for the month of August ~~July~~, 1950, McCarthy Oil Company
 Agent's address Box 429, Elko, Nevada Company McCarthy Oil Company
 Signed _____
 Phone 1106 Agent's title President

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCTION	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)
Sec. 4 SW 1/4										
8 E 1/4										
9 All										
10 W 1/2, SE 1/4										
11 SW 1/4										
14 All										
15 NE 1/4	11S	12E	1							Drilling suspended indefinitely

ORIGINAL RETURNED TO CASPER



NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

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.

(SUBMIT IN TRIPLICATE)

Salt Lake City

Land Office 068842

Lease No.

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		
Notice of intention to repair casing x		

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

August 25

19 50

Well No. 1 is located 400 ft. from N line and 140 ft. from E line of sec. 14
~~NE1/4~~ 14 11 S. 12 E. S.L.M.
(34 Sec. and Sec. No.) (Twp) (Range) (Meridian)
Argyle Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 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)

After putting 100,000# strain on 8-5/8" casing were unable to pull same. Drilled ahead to 1625'. Gas with water flowing between 8-5/8" and 13#. Plan to weld on 13-3/8" nipple to surface pipe. Put on 13-3/8 x 8-5/8" Barden Head to pack off gas and water between 13-3/8" and 8-5/8" casing. Get Halliburton to kill gas and water or kill gas and water with contractors mud pump and heavy 11# mud. We have already had casing pressure test up to 2500# on the 8-5/8" casing, which held satisfactorily. After this work is completed we will continue drilling operations.

Handwritten notes:
 4/5/50

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

Company McCarthy Oil Company

Address Hunter Theatre Building

Elko, Nevada

By E. W. Forbes

Title Drilling Contractor

AUG 25 1950

Costantman
 District Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DATE OF REPORT _____
NAME OF WELL _____
WELL NUMBER _____
WELL _____

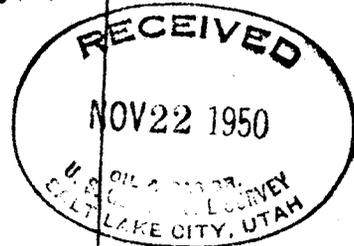
LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Wasatch Field used at completion date
 The following is a correct report of operations and production (including drilling and reworking wells) for the month of _____
 Agent's address Box 429, Reno, Nevada Company McCarthy Oil Company
 Phone 7516 Signed Jack Hunt Secretary
 Agent's title Secretary

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCTION	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (In addition to depth of well down, state date and amount of gas and production content of gas)
Sec. 4 SW 1/4										
Sec. 8 N 1/4										
Sec. 9 All										
Sec. 10 W 1/2										
Sec. 11 SW 1/4										
Sec. 14 All										
Sec. 15 NE 1/4	11S	12E	1							Stopped drilling until weather conditions will permit drilling again Present depth 2840'

ORIGINAL FORWARDED TO CASPER

NOV 22 1950



Note.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold.

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

Form 9-220
(May 1944)

April 26, 1965

McCarthy Gas & Oil Company
720 Newhouse Building
Salt Lake City, Utah

Attention: Mr. John Savage, Vice President

Re: Well No. Argyle Federal #1
Sec. 14, T. 11 S., R. 12 E.,
Duchesne County, Utah

Gentlemen:

Upon checking our files we find that we do not have a driller's log and electric and/or radioactivity logs for the above mentioned well. This well was drilled prior to the establishment of the Commission, however, we are making an attempt to complete our records on wells that have been drilled in the state.

It would be appreciated if you could forward said information and logs to this office as soon as possible.

Thank you for your assistance in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgw

AGW

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

He *PMB*

July 28, 1965

King Oil, Inc.
700 First-Wichita National Building
P. O. Box 329
Wichita Falls, Texas 76307

Mr. John M. Wallace
2520 Walkers Lane
Salt Lake City, Utah

Gentlemen:

As requested by King Oil, Inc. in their letter of October 16, 1964, to us we have located well 1, NE1/4 sec. 14, T. 11 S., R. 12 E., on expired Federal lease Salt Lake 068842-A and thoroughly reviewed the file.

Drilling of this well was commenced in November 1948 by McCarthy Gas and Oil Co., Inc. and was drilled to a TD of 945', casing set, and operations suspended. Operations were recommenced in July 1950 by the same company and the well was deepened to its present TD of 2240'. Enclosed is a schematic diagram of the subject well which shows hole, casing, and cementing data and gas, oil, and water shows as reported by the operator.

The well is readily accessible by sedan and a short (100') walk across Argyle Creek from the road. One can reach the well from either Utah State Highway 33 or 53. Following is a mileage log to the well starting at the junction of Utah-U.S. Highway 6-50 (temporary) and Utah State Highway 33.

13,253.9 Leave junction, take U-33 toward Duchesne
13,261.3 Turn right off U-33 onto Argyle Creek road
13,263.0 Through gate
13,263.2 Junction -- keep left
13,270.9 Through gate
13,272.8 Through gate (cabins & corral)
13,273.2 Ford stream
13,273.4 Ford stream
13,273.7 At well (looking easterly well is at right angles
to road across Argyle Creek at the base of the cliff)

The collar of the well is approximately a 5' X 5' X 5' structure and is full of black water with a noticeable sulfurous odor. There is a section of 2" pipe sticking up out of the collar approximately 8 to 10" and water is flowing

copy 2 & 3

from it and from the casing head. It is estimated that the water is flowing at the rate of approximately 1 gal/2 minutes. Small quantities of gas are also bubbling up through the water in the collar.

Following is a proposed plugging program which we have prepared for this well:

- (1) Reenter hole and cleanout to TD
- (2) Place a 20-ex cement plug from 1850-1780'.
- (3) Place a 20-ex cement plug from 980-910' (drilling mud or water should fill all intervening spaces)
- (4) Perforate 8 5/8" casing at 790' and establish circulation by pumping fluid down the 8 5/8" casing with returns up the 8 5/8 - 12" hole annulus. Displace 80 sacks cement into the 8 5/8 - 12" annulus. Shut in this annulus at the surface and pump 10-15 sacks of cement into formation (aquifers) and leave 5-10 sacks cement in the 8 5/8" casing. If you are unable to circulate as described, attempt to squeeze 20-30 sacks cement through perforations at 790'.
- (5) Attempt a casing head annulus squeeze between 8 5/8 - 13 5/8" annulus and 13 5/8 - 16" annulus with at least 20 sacks cement in each annular space. All surface leaks or water flows must be shut off.
- (6) Place a 10-ex cement plug in top of 8 5/8" casing and erect a suitable identification marker.
- (7) Clean, level, and restore location as nearly as possible to its original condition.

If you do not concur with this plan and have another suggested plugging plan for the well, you should submit it on a sundry notice for our consideration. If you agree with our outline, please advise. We also want to be notified prior to commencing any work on the well so we can plan to be present. Now that we have located the well and it is easily accessible, you should commence plugging operations as soon as possible.

If we can be of any further help by furnishing additional well data or taking you to the well, please call on us.

Sincerely yours,

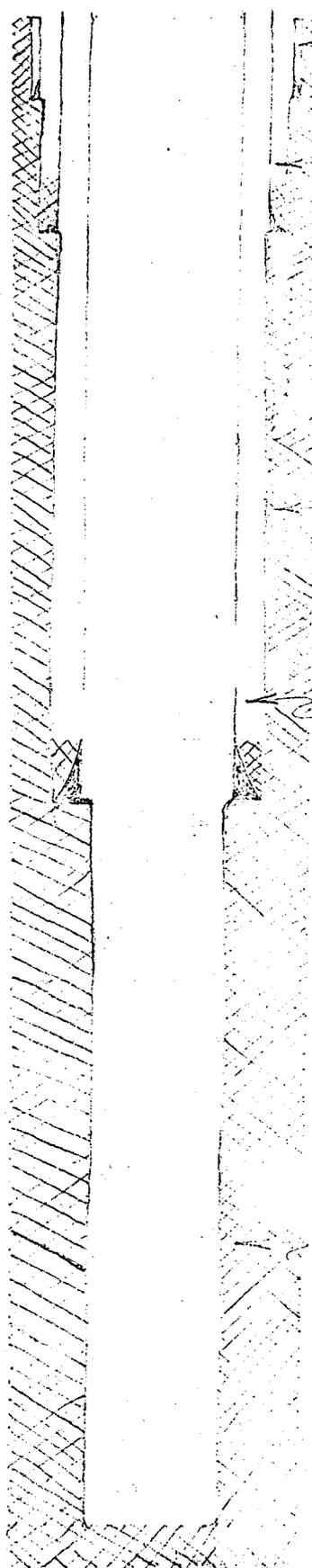
(ORIG. SGD.) GEORGE F. BROWN

George F. Brown,
Acting District Engineer

cc: Utah State Oil & Gas Conservation Com.
Salt Lake City, Utah

MCCARTHY OIL CO.
WELL 1, NE 4 NW 4
SE 14-T11S, R12E
SALT LAKE - 068842-A, exp.

SOME TYPE OF BRADEN HEAD WAS REPORTED TO BE LITTLE HEAD.



16" @ 40' (?)
← 18-26' FRESH WATER

(12" ID)
12 1/2", 13" or 13 5/8" CC @ 190' w/ 22 or 45 M

← 255-70' WATER

12" hole

← 600' GAS SAND - WATER
← 635'-50' SULFUR WATER (75 BBL/DAY - FLOWING)

8 3/8" OD-32# CC @ 945' w/ 32 SX.

← 785-90' - GAS
← 844' - CALCULATED MAXIMUM TOP OF CEMENT
← 950' OIL SHOW
← 945'

← 1100' GAS SAND

← 1325 - Drilled w/ CABLE TOOLS

7 1/2" hole

← 1814' GAS SAND
← 1821'

POOR COPY

TD 2840'