

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: Geological Formation: Surface - Green River Bottom - North Horn  
(Lower Wasatch)

*Inspection Report 9/13/84*

(No file) Bul. 50

DATE FILED Prior OGCC

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. X INDIAN

DRILLING APPROVED: ---

SPOUDED IN:

COMPLETED:

INITIAL PRODUCTION:

GRAVITY A. P. I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: 10,017'

WELL ELEVATION: 8788'

DATE ABANDONED: 10-29-51

FIELD OR DISTRICT: ~~Strawberry Reservoir~~ 3/86 wild cat

COUNTY: Wasatch

API # 43-051-20157

WELL NO. Burnett # 1

LOCATION: FT. FROM (N) (S) LINE, FT. FROM (E) (W) LINE. C SW SW QUARTER - QUARTER SEC. 34  
(Uintah-Meridian)

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				4S	11W	34	Carter Oil Co.

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafael Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa	Lynch
Wasatch	Curtis	Upper	Bowman
Colton 6120	Entrade	Lower	Tapeats
Flagstaff 7860	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Navajo	B	
North Horn 8390	Kayento	C	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chainman shale	
Price River	Shinarump	Humbug	
Blackhawk	Moenkapi	Joana limestone	

43-051-20157

RE-EXAMINATION OF PART OF THE SAMPLES OF THE:

By George Shapard

Carter Oil Company  
 Jack A. Burnett No. 1  
 C SW SW - 34-4S-11W (USM)  
 Elevation 8783 Ft. K.B., T.D. 10,015

Strawberry Reservoir  
 Wasatch County, Utah  
 D & A

Surface in Green River

6120 - Top of Wasatch (Carter)

6180 - Top of Wasatch Tongue of Green River (Denver Sample Log Service)

From	To	Description
5950	5952	Shale, brownish gray and brownish-black, calcareous, massive, hard pyritic in part, rarely a laminated fragment, some shale fragments contain ostracods.
5952	5954	Shale, black and brownish-black, hard, calcareous as above. Trace grayish-green, dense marl.
5954	5956	Shale, brown and black, hard as above, containing many ostracods. Some grayish-green marl, as above.
5956	5960	Shale, brown, black, trace grayish green dolomitic shale.
5960	5962	Shale, dark brown and black, some gray-green, calcareous, hard. Some fragments well laminated.
5962	5964	Shale, dark brown and black as above. Some greenish-gray, dense cryptocrystalline calcareous dolomite.
5964	5966	Shale, dark brown and black as above, some olive gray.
5966	5968	Shale, dark brown, black, some tanish-gray, hard, rarely a calcite. Crystal lined fracture plane; trace greenish-gray, microcrystalline limestone.
5968	5970	Shale, dark brown and black, some interlayered greenish-gray, microcrystalline, dense argillaceous dolomite. Trace of dead oil in minute cavity in a dark-brown shale fragment.
5970	5972	Shale, grayish-green, dark brown, hard, some dark brown, slightly pyritic with ostracod (0.8 mm long, .5 wide). Much kerogen bearing shale. Some black, fine to microcrystalline, dense oily, slightly dolomitic lime. Trace greenish-gray, dense, very fine to microcrystalline dolomite.
5972	5974	Missing.
5974	5976	Shale, dark brown, oily, fossiliferous with fragmental castate-shells and ostracods, some interlaminae of tan cryptocrystalline, laminated calcite or aragonite. Much dense gray-green, limy dolomite.
5976	5978	Shale, dark brown, oily, some calcite interlaminae; much grayish-green dolomitic shale.

From	To	Description
5978	5980	Shale, grayish-green, dolomitic; and dark brown shale, as above.
5980	5982	
5982	5984	Shale, greenish-gray and dark-brown, as above.
5984	5986	Shale, dark-brown, and greenish-gray as above. Trace of pyritic green-gray shale. Trace calcareous fine to very fine grained sandstone.
5986	5990	Shale, brown-black and greenish-gray as above. Some gray, fine grained sand. Trace tan to brown, dense dolomite.
5990	5992	Shale, greenish-gray, dark greenish-gray, and brown-black dolomitic. Shale, greenish-gray, very finely pyritic in part; some brown-black shale, a trace of which has ostracods. Trace densely crystalline, silty to sandy dolomite.
5992	5994	Shale, brown-black, gray-green, some olive-gray; some pale, greenish-gray, tight, fine, limy sandstone.
5994	5996	Shales, as above. Some white, tightly cemented, subangular, fine grained, well sorted, calcareous cement, clear quartz grains, micaceous sandstone.
5996	5998	Sandstone, medium grain, well sorted, clear subangular quartz grains with trace orange chalcedony and occasional black (chert?) grain, light gray, tight, calcareous cement; shales, gray-green and brown-black, dolomitic as above.
5998	6000	Shale, greenish-gray, hard, massive to chunky, in part finely micaceous. Minor amount to trace of gray to dark gray, medium-grained, clear angular quartz, tight, dark brown to black oil staining, calcareous cemented sandstone.
6000	6002	Shale, grayish-green, chunky, dolomitic and dark-gray and brown-black shale, some silty dense, crystalline dolomite.
6100	6102	Shale, green-black, hard dolomitic; sandstone, light to neutral gray, fine grained, tight, fair to well sorted, subangular to angular grains of clear quartz, few fine specks of orange chalcedony, tight, friable, calcareous cement; sandstone, buff, moderately friable, tight, grains of angular quartz, iron oxide stained red, in a matrix of hematite-red clay, calcareous cement; some light gray, fine grained with pin-point cavities containing traces of black stain (residue?).
6102	6104	Missing.
6104	6106	Shale, olive-gray, dolomitic, hard, chunky, occasional fragment has pyrite dusters; sandstone, very light gray, fine-medium grains of clear, angular quartz with an occasional speck of black chert (?) tight, slightly silty, calcareous cement; some gray-green sandstone. Minor amount of buff sandstone as above.

From	To	Description
6106	6108	Sandstone, very light-gray, as above, in part pyritic; trace olive-gray shale.
6108	6110	Sandstone, as above; some medium grain, gray, tight sandstone.
6110	6112	Sandstone, very light gray to white, as above; some shale, black poorly laminated to chunky; and trace, dense, dolomitic mud stone.
6112	6114	Sandstone as above; much chunky black shale cavings (?).
6114	6116	Sandstone, white, medium to coarse medium grains of angular clear quartz, tight, poorly friable to hard, dolomitic to slightly calcareous cement; shale, black chunky, very finely silty in part; some brown-black shale.
6116	6118	Shale, brown-black and green-black, hard and chunky; and medium and coarse medium, white, angular, clear quartz, slightly silty sandstone with poor to trace intergranular porosity (?).
6118	6120	Shale, black, massive and chunky, some fragments have slight laminose texture; sandstone, white to very light gray, medium to coarse-medium grains, as above.
6120	6122	Shale and some sandstone, as above.
6122	6124	Shale, black, brown-black, greenish-gray and dark green-gray, dolomitic; sandstone, as above. (Cavings?)
6124	6126	Shales, as above.
6126	6128	Shale, dark-grayish green, chunky and hard.
6128	6130	Shale, dark-grayish green and black, as above.
6130	6132	Shale, black as above; much sandstone cavings.
6132	6134	Missing.
6134	6136	Shale, black and greenish-gray dolomitic claystone; trace of calcareous, olive-gray, ostracodal claystone.
6136	6138	Shale, black, some greenish-gray, hard, as above.
6138	6140	Shale, black, trace grayish-green, as above.
6140	6142	Shale, black, hard, as above.
6142	6144	Shale, black, hard, as above; some gray-green, tight, calcareous sandstone.
6144	6146	Shale, black, hard as above, some dark olive gray; trace of maroon shale.
6146	6148	Shale, green-black and black, hard, as above.

From	To	Description
6148	6150	Sandstone, reddish-gray, fine to medium grain, fair sorting, subangular grains of clear quartz and some orange chalcedony, tight, friable, has some coarse well rounded quartz grains; shale, green-black and black, as above.
6150	6152	Sandstone, gray, fine grained, clear angular and subangular grains of quartz, fair sorting, hard and tight, clean, calcareous cement; shale, black, chunky, hard and dolomitic to slightly calcareous.
6152	6154	Sandstone, white to very light gray, some reddish-gray to maroon; and shale, as above, interbedded.
6154	6156	Shale, black, olive-black, some olive-gray; sandstone, as above, trace chalk.
6156	6158	Shale, black as above; much sandstone as above; trace of arenaceous chalk.
6158	6162	Sandstone, reddish brown, fine grain, fair sorting with a few medium size grains, tight, some gray-green mottling; and shale, greenish-black, hard, chunky as above.
6162	6164	Sandstone, white, trace red-brown, coarse, angular grains clear quartz, some gray and pink, fair to poor sorting, well cemented with calcareous cement, clean and tight.
6164	6166	Sandstone, white as above; some fine-grained, greenish-gray, hard and tight sandstone.
6166	6168	Shale, black, some brown-black, hard, massive and chunky; sandstone, dark-gray, coarse, fair to poor sorting slightly conglomeratic; trace of very pyritic, fine grained, gray, sandstone.
6168	6170	Shale, dark gray, black, chunky, hard, dolomitic; trace of greenish-gray, dense, argillaceous, dolomite; sandstone, pale greenish-gray, tight, fine-grained, calcareous cement, angular grains, slightly silty.
6170	6172	Shale, dark gray, brown-black, and black, hard, chunky; trace gray, very argillaceous, fossiliferous (micro-fossils, castate or ribbed, tightly coiled, plane-spiral tests, approximately 0.3 mm wide, gastropod (?)) dolomite.
6172	6174	Shale, brown, green-black, dolomitic; trace gray-green, microcrystalline, dense dolomite, trace tan dolomite; some fine and coarse white, tight sandstone.
6174	6176	Missing.
6176	6178	Shale, dark gray and black, hard, chunky and dolomitic; some sandstone, white, medium grained, angular clear quartz, fair sorting, conglomeratic in part with medium sized angular clasts of black chert.
6178	6180	Shale, as above; some red-brown, silty shale; trace very fine grained tight sandstone, and some fine grained, very light gray, tight, quartzitic limestone.

From	To	Description
6180	6182	Sandstone, pale buff, fine grained, poorly sorted, tight, silty, much white to gray-white, tight, slightly calcareous, medium grained, clear angular quartz grains and some coarse angular grains of black chert and few sharply angular grains orange chalcedony, some fine fracture fillings, white, finely crystalline calcite; shale, dark gray and black, as above.
6182	6184	Sandstone, gray and white, medium to coarse, generally poor sorting, angular grains, clear quartz with some gray chert (?), tight, calcareous cement; some shale, black and dark gray, trace very pyritiferous, greenish-gray shale.
6184	6186	Sandstone, white, as above, with interbedded dark-gray, black and some red-brown, chunky shale.
6186	6188	Sandstone, pale gray-green, fine grained, tight, angular grains of clear quartz; interbedded with gray, dark brown, green, and red-brown mottled greenish-yellow and silty shale.
6188	6190	Siltstone, gray-green or very fine grained sandstone and fine grained, pale gray to pale gray-green, tight sandstone; shale, black, trace is ostracodal (flattened) with plant remains, slightly oily appearance; trace anhydrite (?) bearing shale. One fragment very pyritic shale.
6190	6192	Sandstone, red-brown, fine grained with some medium sized subangular grains of clear quartz, tight; some silty red-brown mottled gray-green shale.
6192	6194	Sandstone, red-brown, as above; some gray-white, medium grained, tight sandstone; and shale black, dark grayish-green and red-brown, silty.
6194	6196	Sandstone, gray-white, fine grained, tight, angular clear quartz, interlayered with sandstone, red-brown, as above; some greenish-gray, hard, dolomitic shale.
6196	6198	Sandstone, as above; slight amount greenish, dark gray, slightly pyritic, hard chunky massive shale.
6198	6200	Shale, dark gray to black, dull lustered. Finely disseminated pyrite, silty; some gray fine grained, tight sandstone.
6200	6202	Shale, black, greenish-black, some red-brown, silty; sandstone, gray, medium-grained, angular, clear quartz grains, tight.
7000	7005	Sandstone, gray, some brown, medium grain, tight, angular clear quartz grains, fair sorting, well cemented, slightly silty.
7005	7010	Sandstone, brown, as above; and shale, dark green, and red-brown, mottled yellow-green and gray-green, silty.
7010	7015	Sandstone, white to light gray, some brown, as above; shale, greenish-gray, some yellow-green, trace red-brown, dolomitic.

From	To	Description
7015	7020	Shale, red-brown, some mottled gray-green, slightly silty in part, and gray-green chunky shale; some red-brown and tan sandstone, as above.
7020	7025	Sandstone, gray and pale gray to white, fine grained, clear angular quartz, some black chert grains and dark green chlorite (?), tightly cemented; trace yellow-green and gray-green shale.
7025	7030	Shale, red-brown, slightly silty, green and gray; sandstone, as above.
7030	7035	Shale, gray, green-gray, green, some red-brown, chunky.
7035	7040	Sandstone, gray-white, and gray, fine grain, some very fine grained, quartz, tight; and shale, gray, greenish-gray, red-brown, mottled yellow-green and gray-green, hard and chunky.
7040	7045	Shale, green, hard and chunky; grayish-green and red-brown, silty.
7045	7050	Shales, green, red-brown mottled, brown, some gray-green and pyritic; some gray-green, quartz sandstone.
7050	7055	Shale, dark green-gray, gray, red-brown as above with interlayered fine-grain quartz sandstone as above.
7055	7060	Shale, red-brown, silty, some mottled with yellow-green; sandstone, red-brown, silty and tight.
7060	7065	Shale, red-brown, mottled green, silty; and red-brown sandstones as above; some olive-gray and brown-black shale.
7065	7070	Shale, gray, green and black, some red-brown. Very dirty sample.
7065	7070	Circulated 75 minutes. Shale, dark-gray, brown-black and red-brown; some ostracodal, dark gray to black, dense, argillaceous dolomite.
7070	7075	Shale, brown-black, and black, dolomitic and chunky; some argillaceous dense dolomite.
7075	7080	Shale, as above, some green and red-brown; some gray-green dense, microcrystalline dolomite.
7080	7085	Shale, as above, some yellow, some carbonaceous, pyritic brown-black shale; some red-brown tight sandstone.
7085	7090	Sandstone, fine grain, light gray, quartzitic, tight, some gray, very fine grained sandstone or coarse siltstone; shales, as above, trace of pale purple.
7090	7095	Shale, green, red-brown, gray and brown-black, as above, some sandy red-brown shale; some pale-gray, fine grained, tight quartzitic sandstone.
7095	7100	Shales, as above, some brown-black, carbonaceous shale; sandstone as above, some coarse, gray, subangular grained, tight sandstone.

From	To	Description
8450	8455	Limestone, brown and brown-black, very fine to microcrystalline, dense, argillaceous, resinous to asphaltic luster (no cut); some black, slightly calcareous to dolomitic, waxy to asphaltic lustered, shale; some laminated and trace is finely pyritic.
8456	8460	Limestone and shale, as above. Limestone gives oil film with acid. No cut.
8461	8465	Limestone, as above; shale, black in part waxy to asphaltic (no cut) some shale laminae very pyritic with fine to very fine crystals, rarely a laminae white, finely crystalline anhydrite; trace tight, medium grain, quartzitic, stained sandstone.
8466	8470	Shale, brown, brown-black, dull waxy luster in part, much red-brown shale; some limestone, brown and brown-black, as above; much sandstone, white, salt and pepper, fair sorting, angular grains clear quartz, black chert, some translucent quartz, tight, well cemented with calcareous cement.
8470	8475	Sandstone, coarse, tight, as above; shale, black, brown-black, red-brown, some red-brown, silty shale; some dense, brown limestone.
8475	8480	Sandstone and shale, as above.
8480	8485	Shale, red-brown, red, brown-black, black, some yellow-brown, trace green; much sandstone, as above.
8485	8490	Shale, red-brown, pyritic, chunky; much black shale as above; trace red-brown siltstone, mottled gray-green; much sandstone, as above.
8490	8495	Shale, red-brown, brown-black and black, dolomitic, and hard; some dense, very finely crystalline, argillaceous limestone; trace of medium to fine, tight, quartzitic sandstone.
8495	8500	Shales and brown-black and brown limestone, as above.
8500	8505	Shales, limestone, as above; some very tight, fine grained, dark gray, quartzitic sandstone.
8505	8510	Shales, red-brown, brown and black; some dense brown, and brown-black limestone; and some fine grained, tight, quartzitic sandstone.
8510	8515	Shales, black, brown-black, some red-brown; dolomitic, and hard; trace brown dense limestone, as above.
8515	8520	Shale, red, red-brown, traces of yellow-brown, gray and black, some slatey, dull maroon, very finely micaceous shale; much red-brown, sandy siltstone; traces of brown, dense, microcrystalline, limestone.
8520	8525	Shales, maroon, red-brown, some dark grayish-green, some gray and pyritic; siltstone, red-brown, sandy; some medium grain, tight, gray, salt and pepper sandstone.

From	To	Description
8525	8530	Shales and sandstone, as above. Much gray, dense, microcrystalline dolomite.
8530	8535	Shale, red, red-brown, finely micaceous; much gray and some black shale; red-brown, sandy siltstone; and some light gray, fine grained, fair sorted, quartzitic, tight sandstone.
8535	8540	Shale, dark gray, red-brown, trace of red shale; gray and dark brown, dense, microcrystalline dolomite.
8540	8545	Shale, red-brown, gray, and brown-black, as above; trace gray-white, siltstone; some limestones, as above.
8545	8550	Shales and dolomite, as above.

8493 Top of Wasatch - Denver Sample Log Service  
8593 Top - Carter Oil Company