

# FILE NOTATIONS

Entered in NID File Prior to Oace Checked by Chief .....  
Entered On S R Sheet ..... Copy NID to Field Office .....  
Location Map Pinned ..... Approval Letter .....  
Card Indexed ..... Disapproval Letter .....  
IWR for State or Fee Land .....

## COMPLETION DATA:

Date Well Completed 7-27-49 Location Inspected .....  
OW\_\_\_\_\_ WW\_\_\_\_\_ TA\_\_\_\_\_ Bond released .....  
GW\_\_\_\_\_ OS\_\_\_\_\_ PA  State of Fee Land .....

## LOGS FILED

Driller's Log \_\_\_\_\_  
Electric Logs (No. ) 2  
E \_\_\_\_\_ L \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Seals \_\_\_\_\_ Others \_\_\_\_\_

UTAH

Formation tops picked by J. E. Upp, Tulsa  
(taken from sample logs)

AMERADA, Greenriver Unit #2, 2-22S-16E

T. D. - 5896'

Base Menkopi	2648
Top Coconino	2875'
Top Cutler ?	3110
Top Rico	3210'

FORMATION RECORD

Top	Bottom	Thickness	Description
0	42'	42'	Boulders and shale
42'	72'	30'	Shale
72'	132'	60'	Shale and shells
132'	278'	146'	Shale
278'	400'	122'	Red sand and shale
400'	450'	50'	Red shale and shells
450'	503'	53'	Shale and sandy shale
503'	505'	2'	Shale
505'	527'	22'	Shale, sticky
527'	565'	38'	Shale, variegated light lavender
565'	601'	36'	Shale, gray to green with streaks of brown
601'	637'	36'	Shale, red and brown
637'	654'	17'	Sand, gray
654'	658'	4'	Shale, brown and gray with streaks of sand
658'	669'	11'	Sandstone, hard with streaks of shale
669'	695'	26'	Sand, hard, gray
695'	705'	10'	Sandstone, gray to green, variegated
705'	750'	45'	Sandstone, green with streaks of red shale
750'	802'	52'	Sandstone, gray with streaks of lavender shale
802'	815'	13'	Shale, brown and blue
815'	870'	55'	Shale, variegated with streaks of gray sandstone
870'	961'	91'	Shale, hard, brown
961'	1050'	89'	Sandstone, red to brown with streaks of green shale
1050'	1246'	196'	Sandstone, red with streaks of shale
1246'	1292'	46'	Sandstone, red with streaks of white to pink sand
1292'	1377'	85'	Sandstone, pink
1377'	1485'	108'	Shale and sandstone, red with streaks of white sand
1485'	1511'	26'	Sandstone, with streaks of white and green shale
1511'	1530'	19'	Sandstone and shale, lavender shale, pink sandstone
1530'	1585'	55'	Sandstone, brick red
1585'	1653'	68'	Sandstone and shale, red sandstone with streaks of white sand and green blue shale
1653'	1855'	202'	Sandstone and shale, red and pink
1855'	1877'	22'	Sandstone and shale, green with streaks of lavender
1877'	2050'	173'	Sandstone and shale, pink sandstone and variegated shale
2050'	2400'	350'	Sandstone, hard, flesh pink
2400'	2657'	257'	Sandstone and shale, hard, flesh pink
2657'	2775'	118'	Sandstone and shale, gray
2775'	2875'	100'	Sandstone and shale, red to pink
2875'	2900'	25'	Sandstone, hard, gray to white with streak of red sandy shale

FORMATION RECORD

Top	Bottom	Thickness	Description
2900'	2935'	35'	Sandstone, gray to white
2935'	2941'	6'	Sandstone, <u>Core #1 (recovered 6')</u> light gray to white, sucrose, fine, hard, compact, well sorted, looks wet
2941'	2944'	3'	Sandstone, <u>Core #2 (recovered 1')</u> as above
2944'	2961'	17'	Sandstone, as above
2961'	2970'	9'	Sandstone, <u>Core #3 (recovered 9')</u> light gray, fine to coarse conglomeratic with coarse well rounded quartz grains in matrix of fine quartz grains, looks wet.
2970'	2972'	2'	Sandstone, <u>Core #4 (recovered 2')</u> light gray to pink white, badly fractured, looks wet
2972'	3111'	139'	Sandstone, hard, gray to white
3111'	3126'	15'	Sandstone, white to faint orange
3126'	3196'	70'	Sandstone and shale, gray-brown, and red
3196'	3315'	119'	Limestone, medium gray, dense, brittle
3315'	3316'	1'	Dolomite, <u>Core #5 (recovered 1')</u> pink-gray, massive, hard, dense
3316'	3327'		<u>Core #6 (recovered 11' as below)</u>
		3½'	Dolomite, pink-gray, massive, hard, dense becoming moderately silty toward bottom.
		4'	Dolomite, as above except very silty and medium sandy toward bottom
		1'	Sandstone, pink-gray, fine, compact, tight, dolomitic
		2½'	Sandstone, medium gray, fine to coarse, poorly sorted, hard, tight, impermeable, locally micaceous
3327'	3346'		<u>Core #7 (recovered 19' as below)</u>
		13'	Sandstone, tan-gray, very fine, hard, tight, silty, dolomitic
		1'	Limestone, white to light gray, hard, dense, brittle, becoming very silty toward bottom
		4½'	Sandstone, white to light gray, massive to poorly bedded with thin irregular partings, dark gray silty sandstone; very fine, silty, tight, impermeable, hard, compact, calcareous.
		½'	Shale, dark red brown, soft, very irregularly bedded.

## FORMATION RECORD

Top	Bottom	Thickness	Description
3346'	3350'		<u>Core #8 (recovered 4' as below)</u>
		1'	Shale, as above
		3'	Limestone, medium gray, massive, hard dense, locally silty grading to rarely silty at bottom.
3350'	3354'	4'	Shale, <u>Core #9 (recovered 4')</u>
			variegated as above
3354'	3367'	13'	Limestone, <u>Core #10 (recovered 12½')</u>
			medium gray, massive, hard, dense brittle becoming finely sandy toward bottom
3367'	3405'		<u>Core #11 (recovered 38' as below)</u>
		12½'	Limestone, as above with abundant fossil fragments
		½'	Sandstone, light to dark brown gray, thinly irregularly bedded, very fine silty, hard compact, looks impermeable, highly calcareous
		2½'	Dolomite, tan gray, massive, hard dense,
		3'	Sandstone, thinly bedded, calcareous, as above
		1'	Sandstone, dark gray brown, irregularly bedded, silty, impermeable, locally grading to sandy shale
		5½'	Sandstone, light gray to gray brown as above, massive to faintly cross bedded; Dolomitic grading to silty calcareous fossiliferous shale toward bottom
		3'	Limestone, light gray, hard dense, massive sparingly fossiliferous with abundant organic fossil remains
		5½'	Shale, dark gray brown, tight, impermeable
		4½'	Limestone, medium tan gray, hard, dense, massive, locally cherty, highly fossiliferous
3405'	3481'	76'	Limestone, brown gray to brown black, hard dense brittle
3481'	3505'	24'	Sandstone, white to gray
3505'	3584'	79'	Limestone, dark gray, hard
3584'	3647'	63'	Shale and sandstone, red, hard
3647'	3880'	233'	Limestone, dark gray to reddish
3880'	3919'	39'	Limestone, variegated, hard
3919'	3970'	51'	Sandstone and shale, red, hard
3970'	4050'	80'	Limestone, medium dark gray, hard
4050'	4070'	20'	Sandstone, gray, hard
4070'	4101'	31'	Limestone, gray to red
4101'	4125'	24'	Dolomite, white to pink gray, hard
4125'	4145'	20'	Limestone, dark gray to brown black, hard, chert.

FORMATION RECORD

Top	Bottom	Thickness	Description
4145'	4185'	40'	Sandstone, gray, hard with brown limestone
4185'	4380'	195'	Limestone, dark gray, hard with gray sandstone
4380'	4397'	17'	Dolomite, gray tight sandstone
4397'	4480'	83'	Shale and sandstone, gray, hard
4480'	4502'	22'	Limestone, gray, hard
4502'	4530'	28'	Sandstone, pink gray, hard
4530'	4765'	235'	Limestone and sandstone, gray, hard
4765'	4797'	32'	Sandstone, gray, fine, Anhydritic
4797'	4813'		<u>Core #12 (recovered 158' as below)</u>
		½'	Not recovered
		5'	Anhydrite, medium dark gray, firm
		2'	Shale, dark gray, brown, massive, medium hard, slightly calcareous
		4'	Siltstone, dark brown gray, massive, medium hard, slightly calcareous
		4½'	Shale as above
4813'	4833'		<u>Core #13 (recovered 198' as below)</u>
		½'	Not recovered
		9'	Limestone, black, massive, moderately hard, dense, firm, Anhydritic
		2'	Limestone, medium dark gray, massive, hard fossiliferous
		1½'	Siltstone, dark gray with thin calcareous tight irregular partings
		1'	Limestone, dark brown gray, medium hard, brittle, fossiliferous
		4'	Sandstone, medium dark gray, fine, hard, brittle, slightly calcareous
		2'	Limestone, medium dark gray, hard, dense, firm and massive
4833'	4835'	2'	Limestone, gray, hard
4835'	4872'		<u>Core #14 (recovered 37' as below)</u>
		6'	Dolomite, medium dark gray, moderately hard
		3'	Anhydrite, as above
		5'	Shale, dark gray to black, massive, medium hard, firm, calcareous
		1½'	Siltstone, as above
		2'	Shale, as above
		½'	Siltstone, as above
		1'	Shale, as above
		6'	Anhydrite, medium dark gray as above
		12'	Shale, as above
4872'	4912'		<u>Core #15 (recovered 40' as below)</u>
		1½'	Dolomite, medium dark gray, massive, moderately hard
		½'	Shale, black, medium hard, firm, silty
		1'	Anhydrite, medium dark gray to white

Continued

FORMATION RECORD

<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>	<u>Description</u>
4872' Cont'd	4912'		<u>Core #15 (recovered 40' as below)</u> $\frac{1}{2}$ ' Dolomite, as above 15' Anhydrite, as above $\frac{1}{2}$ ' Shale, as above 1' Sandstone, medium gray with streaks of dolomite as above $3\frac{1}{2}$ ' Shale, as above 3' Dolomite, very sandy, massive, as above 2' Anhydrite, with shale inclusions as above 1' Shale, medium dark brown gray, hard, firm 5' Sandstone, medium light gray, very fine, very calcareous, tight $2\frac{1}{2}$ ' Dolomite, medium dark gray, massive as above. 2' Sandstone, irregularly interbedded with shale as above
4912'	4922'	10'	Limestone, <u>Core #16 (Recovered 10')</u> dark gray, hard, firm, cherty with anhydrite grades to black calcareous shale
4922'	4962'	40'	Shale, <u>Core #17 (Recovered 40')</u> black, massive, hard with shallow irregular partings
4962' 4964'	4964' 4990'	2'	Shale, hard <u>Core #18 (recovered 24' as below)</u>
		2'	Not recovered
		6'	Dolomite, dark gray to black, massive, hard, dense, very silty
		1'	Limestone, dark gray to black, massive, very hard, very silty
		17'	Limestone, dark gray to black, massive, hard, dense, silty
4990'	5008'		<u>Core #19 (recovered 18' as below)</u> 3' Limestone, medium dark gray, locally anhydritic 2' Anhydrite, white, moderately soft, dense, firm 5' Sandstone, with anhydrite inclusions, as above 8' Limestone, medium light brown gray, dense as above
5008' 5004'	5004' 5044'	-4'	Measurement Correction <u>Core #20 (recovered 40' as below)</u>
		30'	Limestone, medium dark gray, massive, dense, hard 5' Dolomite, medium dark gray, massive, 2' Anhydrite, medium dark gray, massive 3' Dolomite, medium dark gray, massive

FORMATION RECORD

<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>	<u>Description</u>
5044'	5083'		<u>Core #21 (recovered 6' as below)</u>
		1'	Dolomite, medium dark gray, poorly bedded, dense, hard
		3'	Limestone, medium dark brown gray, poorly bedded, very faintly sandy,
		2 1/2'	Anhydrite, medium dark brown gray, dense
		32 1/2'	Not recovered
5083'	5092'		<u>Core #22 (recovered 4' as below)</u>
		5'	Not recovered
		4'	Salt, clear to white with thin irregular streaks of anhydrite
5092'	5102'		<u>Core #23 (recovered 4' as below)</u>
		6'	Not recovered
		4'	Salt, as above
5102'	5112'		<u>Core #24 (recovered 5' as below)</u>
		5'	Salt, as above
		5'	Not recovered
5112'	5122'		<u>Core #25 (recovered 4' as below)</u>
		4'	Salt, as above
		6'	Not recovered
5122'	5132'		<u>Core #26 (recovered 1' as below)</u>
		1'	Salt, as above
		9'	Not recovered
5132'	5142'		<u>Core #27 (recovered 1' as below)</u>
		1'	Earthy gypsum, medium brown gray, soft
		9'	Not recovered
5142'	5152'		<u>Core #28 (recovered 1' as below)</u>
		1'	Earthy gypsum, as above
		9'	Not recovered
5152'	5165'	13'	Gypsum, light gray to dark gray, medium soft, compact
5165'	5680'	515'	Salt, with anhydrite and gypsum
5680'	5710'	30'	Anhydrite and gypsum, with salt
5710'	5760'	50'	Salt, with anhydrite and gypsum
5760'	5792'	32'	Siltstone, medium to dark gray, soft when wet, some anhydrite and gypsum
5792'	5800'	8'	Sand and siltstone, light gray to white
5800'	5840'	40'	Siltstone, medium dark gray to black, compact with anhydrite
5840'	5880'	40'	Salt, clear white with some silt and siltstone as above
5880'	5896'	16'	Silt, as above with some salt

Operator AMERADA PETROLEUM CORPORATION Well GREEN RIVER UNIT #2

Field Green River Area, Utah Elevation 4067.07' K.B.

Location 1445.52' South and 987.50' East from the Southeast Corner of Section 34, T. 21S., R. 16E., S.L.B. & M. This well falls within Section 2, T. 22S., R. 16E., S.L.B. & M., Grand County, Utah.

Commenced Drilling February 14, 1949 Completed Drilling July 17, 1949

Total Depth 5896' Drilling Tools Rotary

.....43.019-11469.....22S 16E 2.....

INITIAL PRODUCTION

No Commercial Production  
Well Abandoned July 27, 1949

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CASING RECORD

Size Casing	Weight Per Foot	Threads Per Inch	Make	Amount	Kind of Shoe
20"	54	Welded Jts.	Welded	54'	
13-3/8"	54	8-rd. thd.	J-55	564'	Guide
9-5/8"	43.5 & 47		N-80	5150'	Float

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MIDDING AND CEMENTING RECORD

Size Casing	Where Set	Number Sacks of Cement	Method Used
20"	54'	35 sacks	Outside
13-3/8"	564'	500 sacks	Plug displacement
9-5/8"	5150'	800 sacks	Plug displacement

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