

HISTORY OF OIL OR GAS WELL

Tanner Unit #1

The well was drilled to a total depth of 5272 w/a completion depth of 4050'.

Set 289' of 9-5/8" csg at 301' w/300 sax of reg neat w/3% calcium chloride added.

DST #	INTERVAL FROM TO	TOP CHK	BOT CHK	TOOR OPEN MINS.	DST RECORD RECOVERY			TEST SAT?	REMARKS
					GR	OIL	WATER		
1	900-1080	1"	3/4"	60	550'			Yes	Strong-weak blow thruout
2	2561-2629	1"	3/4"	90	908		700'	Yes	Fair-weak blow thruout.
3	3775-3815	1"	3/4"	30	20'			Yes	Weak blow to dead
4	3872-3973	1"	3/4"	30	5'			Yes	Very weak blow thruout.
5	4006-4077	1"	3/4"	60	186'		3891'	Yes	Strong blow thruout.
6	4085-4180	1"	3/4"	120	60'			Yes	
7	4863-4934	1"	3/4"	60	150'		250'	Yes	Weak blow thruout.
8	4962-5022	1"	3/4"	60	120'		1180'	Yes	Fair blow thruout.
9	5024-5072	1"	3/4"	90	900'		810'	Yes	Strong blow thruout.
10	5079-5172	1"	3/4"	60			Flowed	Yes	Water to surf in 24 mins.

CORE #	INTERVAL FROM TO	CUT	REC	CORE RECORD CHARACTERISTICS	
1	3940-3951	118'	11'	black sandy shale, very slightly bleeding oil in spots, top 5' light grey, fine grained sandstone, bleeding oil thruout.	
2	3951-3973	22'	22'	light grey, fine grained shaly sandstone, 6' section (3951-3957) bleeding oil.	
3	3973-3978	5'	5'	black sandy shale, NS.	
4	3978-4009	31'	30'	black sandy shale, light grey and light green, medium-coarse grained sandstone w/scattered spots stain and fluorescence, very slightly bleeding gas.	
5	4009-4027	18'	17'	light grey and light green, medium-coarse grained sandstone, w/streaks of black shale.	
6	4027-4078	51'	51'	light grey, fine-medium grained sandstone, very slightly bleeding gas in spots.	
7	4078-4129	51'	51'	light grey, fine grained sandstone, black shale streaks, very slightly bleeding oil in spots, good stain and fluor.	
8	4129-4180	51'	51'	light grey, fine grained sandstone, very slightly bleeding green and brown oil in spots.	
9	4180-4232	52'	52'	light grey, fine grained, very shaly sandstone, tite, NS.	
10	4867-4886	19'	19'	light grey, fine-medium grained sandstone, w/scattered spots of fluorescence.	
11	4886-4934	48'	48'	light grey, fine-medium grained sandstone and black shale.	
12	4959-4978	18'	18'	light grey, coarse grained sandstone, black shaly sand, coal.	
13	4977-5022	45'	45'	grey, fine-medium grained hard sandstone, NS.	
14	5022-5037	15'	15'	light grey, fine-medium grained sandstone w/black shale streaks.	
15	5037-5042	5'	5'	grey, fine-medium grained sandstone, very slightly bleeding oil and gas.	

Set cnt. plugs as follows: From 5265-5050 w/70 sax neat cnt., from 5000-4750 w/80 sax neat cnt., from 4200-4000 w/70 sax neat cnt.

Set 4040' of 5-1/2" csg at 4050 w/275 sax 8% gel and 100 sax reg neat cnt.

Perf'd 5-1/2" csg from 3944-3956 w/4 bullet shot/foot. Set 2" tubing at 3966, washed perms w/500 gals mud acid. Loaded hole w/oil, sandoil fraced thru perms w/10,710 gals #2 diesel oil and 13,000# 20-40 mesh sand. Avg. inj. rate 35.5 bbls/min at 3000#. Shut well in overnight, flowed back 230 bbls load oil when opened. Stopped flowing, then scrubbed well until all load oil was recovered. Ran rods and pump, installed pumping unit, on 24-hour test of 10-48" BPM, well pumped 9 bbls of oil, shake out 5% water.

Completed as a pumping oil well from Gallup formation thru perms in 5-1/2" csg from 3944-3956.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

IN JUNE 1961

Net 289' of 9-2/8" csg at 301' w/300' sec of reg next w/32 calcine chloride above.

TEST	DATE	WATER	OIL	TEMP. CHAM.	TEMP. CHAM.	TEMP. CHAM.	TEMP. CHAM.	TEMP. CHAM.	TEMP. CHAM.
Water to and in 24 hours	Yes	Flowed	900	60	3/4"	3/4"	3/4"	3/4"	3/4"
Strong flow throat.	Yes	3800	100	60	3/4"	3/4"	3/4"	3/4"	3/4"
Very weak flow throat.	Yes		20	30	3/4"	3/4"	3/4"	3/4"	3/4"
Weak flow to head	Yes		20	30	3/4"	3/4"	3/4"	3/4"	3/4"
Fair-weak flow throat.	Yes	700	90	30	3/4"	3/4"	3/4"	3/4"	3/4"
Coloring--weak flow throat.	Yes		350	30	3/4"	3/4"	3/4"	3/4"	3/4"

Core No.	Depth (ft.)	Interval (ft.)	Core No.	Depth (ft.)	Interval (ft.)
1	0-10	10-20	11	100-110	110-120
2	10-20	20-30	12	110-120	120-130
3	20-30	30-40	13	120-130	130-140
4	30-40	40-50	14	130-140	140-150
5	40-50	50-60	15	140-150	150-160
6	50-60	60-70	16	150-160	160-170
7	60-70	70-80	17	160-170	170-180
8	70-80	80-90	18	170-180	180-190
9	80-90	90-100	19	180-190	190-200
10	90-100	100-110	20	190-200	200-210
21	210-220	220-230	21	210-220	220-230
22	220-230	230-240	22	230-240	240-250
23	230-240	240-250	23	240-250	250-260
24	240-250	250-260	24	250-260	260-270
25	250-260	260-270	25	260-270	270-280
26	260-270	270-280	26	270-280	280-290
27	270-280	280-290	27	280-290	290-300
28	280-290	290-300	28	290-300	300-310
29	290-300	300-310	29	300-310	310-320
30	300-310	310-320	30	310-320	320-330

[illegible]

Well on a foot test of 10-48" GNL well pumped 9 bbls of oil, broke out 14 water, washed well until all load oil was recovered, new rods and pump, installed pump in well in overnight, flowed back 230 bbls load oil when opened, stopped flow, then we closed oil and 12,000 40-40 mesh sand, WFO. (WFO rate 29.5 bbls/hr at 3000, and parts w/500 gals hot acid, loaded hole when, sandwell flowed thru parts w/10,000 gals. Part 5-1/2" cap from 2944-2950 w/4 valves installed. Set 2" tubing at 2968, 2970

Approved: _____
Special Agent in Charge