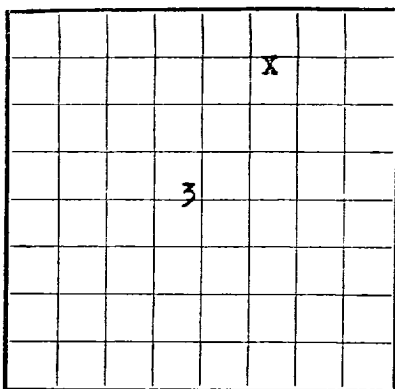


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 830736
LEASE OR PERMIT TO PROSPECT Paddock



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Gunsite Butte Uranium Corporation Address 211 1/2 West Main St., Farmington,
Lessor or Tract Paddock Field Lapacitos P.O. State New Mexico
Well No. 1 Sec. 3 T. 25N. R. 3W. Meridian N.M.P.M. County San Arriba
Location 1040 ft. N. of Line and 162 1/2 ft. E. of Line of Sec. 3 Elevation 7456 ft.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.

Signed Lee V. Kilgore
Date June 20, 1957 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling Nov. 24, 1956 Finished drilling Dec. 27, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3890 to 3920 - Fracturing No. 4, from 5690 to 5715 - Oil
No. 2, from 3975 to 3990 - Fracturing No. 5, from 5740 to 5760 - Oil
No. 3, from 4018 to 4044 - Fracturing No. 6, from 6200 to 6220 - Oil

IMPORTANT WATER SANDS

No. 1, from 5010 to 5020 - Water No. 3, from 5010 to 5020 - Water
No. 2, from 5010 to 5020 - Water No. 4, from 5010 to 5020 - Water

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
10 3/4"	22.7	12	Waco	12.0	Ball	Surface			Surface
8 1/2"	15.5	12	Waco	12.0	Ball	4018			Production
6 3/4"	12.7	12	Waco	12.0	Ball	4044			Production
4 1/2"	7.0	12	Waco	12.0	Ball	5010			Production
3 1/2"	4.7	12	Waco	12.0	Ball	5020			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	100'	10	Ball		
8 1/2"	4018'	17	Ball		
6 3/4"	4044'	10	Ball		
4 1/2"	5010'	10	Ball		
3 1/2"	5020'	10	Ball		

PLUGS AND ADAPTERS

Heaving plug—Material Steel Length 5 1/2 Depth set 4107
Adapters—Material Steel Size 1 1/2

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 600 feet, and from 0 feet to 0 feet
Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet

DATES

Nov. 24, to Dec. 27, 1956 Put to producing Start in gas well, 19

The production for the first 24 hours was 0 barrels of fluid of which 0% was oil; 0%
emulsion; 0% water; and 0% sediment. Gravity, °Bé. 0

If gas well, cu. ft. per 24 hours 0 Gallons gasoline per 1,000 cu. ft. of gas 0

Rock pressure, lbs. per sq. in. 0

EMPLOYEES

Sensen Drilling Co., Driller 0, Driller 0
Lee Cunningham, Driller 0, Driller 0

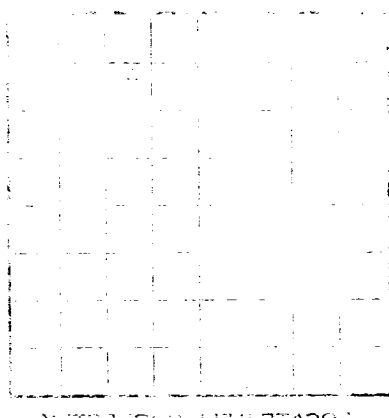
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Samples begin at 600'			
600 - 668	68ft.	68	Variegated, med to coarse SS & SH, some gray SH. WASATCH - Surface
668 - 700	32	32	Ditto with streak congl. and pyrite
700 - 780	80	80	Variegated fine and coarse SS, partly cemented and unconsolidated; SH-Ditto
780 - 830	50	50	Ditto, Increase Unconsolidated and loose coarse SS
830 - 948	118	118	Variegated SS & SH, predominately red, some Glau SS, Coal & Lignite, Inc. SH
948 - 990	42	42	Ditto with decreasing SS, SH highly bentonitic
990 - 1050	60	60	Variegated SH, highly bentonitic
1050 - 1180	130	130	Var SH, minor white, fine to med SS, increasing SS
1180 - 1200	20	20	Ditto, and round frosted unconsolidated sand grains
1200 - 1240	40	40	Ditto, Loose grains, fine to med
1240 - 1250	10	10	Ditto, trace coal
1250 - 1292	42	42	Ditto, increase SH T/Torrejon-Puerco - 1292'
1292 - 1450	158	158	Variegated & brown SS, med to fine, uncon, Var. SH, trace Bent, Inc SH
1450 - 1560	110	110	Ditto & coarse SS, Trace clear qtz grns, Inc SH
1560 - 1640	80	80	Ditto, and gray-green bentonitis SH
1640 - 1660	20	20	Ditto, increase SS
1660 - 1700	40	40	Ditto, trace coal
1700 - 1760	60	60	Variegated SH & white, fine to med SS
1760 - 1770	10	10	Ditto, trace pyrite
1770 - 1800	30	30	Ditto, Bentonite
1800 - 1820	20	20	Ditto, trace coal
1820 - 1850	30	30	Ditto and unconsolidated SS
1850 - 1960	110	110	Ditto, increase indurated SS & some qtz grains
1960 - 1990	30	30	Variegated SH, trace SS
1990 - 2100	110	110	Ditto, Inc SS, some coarse green SS, trace Chert and Quartz

[OVER]

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Company _____
Location _____
Well No. _____
Shut-in 7 days, gauged 3,050 MCF on 5 hour blowdown; fitot test.
The information given here is a summary of the well log and is not intended to be a substitute for the original log.
Bailed and plugged down tubing to 4107 ft.
Initial injection 1900#; final injection 1900#; injection rate 61.5 bbls/min.
Sand-water frac - 25,000 gals water and 25,000# sand. Build-up 2200#; Breakdown 1800#.
Perforated 4033' to 4043' ft with 4 Koner jets per foot in Lane Wells
Pan Lane Wells Gamma-Ray and Collar Counter for 4092-3700 ft.
17/8" O.D. Fishing neck.
Set Baker Retrievable Packer at 4107 ft., Serial No. 67700323, X 45/8" O.D.,
Cut loose and plugged back to 4107 ft.
Sink string cable tools at 5983 during clean-out after cement. Could not jar out with
cable tools. Pan Bowen hydraulic jars on tubing. Could not jar out. Could not jar out.
tool and washover pipe. Could not recover tools. Has lower jars. Could not jar out.
D.S. #1 3993 - 4054 ft. - Open 1 hr., tool partially plugged; fair flow air immediate;
shut-in 30 min. TFP 130#; FFF 292#; SIF 1566#; TFP 2120#;
MP 2125#.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together
with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was
"sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number
of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

16-42004-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
2100 - 2140	40		Ditto, Increase SS, pyrite
2140 - 2200	60		Ditto, trace shaly ls & chert
2200 - 2270	70		Ditto, and red & gray silty sh, white, fine ss, decreasing
2270 - 2300	30		Variegated sh
2300 - 2340	40		Ditto, white med grained glauconitic ss
2340 - 2440	100		Ditto and pink med crse ss, varicolored quartz
2440 - 2540	100		Ditto, unconsolidated ss decreasing
2540 - 2620	80		Ditto, white fine to med ss
2620 - 2630	10		Ditto, trace calcite
2630 - 2680	50		Ditto, some gray ss
2680 - 2690	10		Ditto, trace coal
2690 - 2800	110		Ditto and var uncons ss, quartz grains, some bentonitic sh
2800 - 2840	40		Ditto, some gray silty bentonitic sh
2840 - 2880	40		Ditto, some brown carbonaceous sh, trace ss
2880 - 2920	40		Ditto, and gray brown siltstone
2920 - 3040	120		Variegated sh, predominantly gray, some gray-brown carb & bent sh
3040 - 3120	80		Ditto, and minor white fine to med green and glauconitic ss, tr coal
3120 - 3200	80		Ditto, increase ss
3200 - 3240	40		Ditto, varicolored med to fine ss
3240 - 3260	20		Ditto, and gray to brown bentonitic ss
3260 - 3290	30		Ditto, trace coal
3290 - 3300	10		Ditto
3300 - 3420	120		Variegated sh, gray siltstone, gray-green bentonitic sh, trace pyrite
3420 - 3460	40		Ditto, and minor white-greenish, fine to med glauconitic ss
3460 - 3500	40		Ditto and brown-red silty sh; increase ss
3500 - 3520	20		Ditto, increase white, fine to med ss
3520 - 3570	50		Ditto, tan, gray ss, well cold, sh - ditto, 3570
3570 - 3600	30		Ditto, tan crse ss, trace coal and pyrite
3600 - 3620	20		Brown and gray, v. fine ss, bentonitic, some qtz grains; sh - same
3620 - 3640	20		Gray & greenish glauconitic ss, slight carb material; FFF same
3640 - 3660	20		White, fine to crse dolomitic, some soft; sh, same
3660 - 3760	100		Gray & variegated sh, some silty, trace coal, pyrite, carb, bentonitic
3760 - 3790	30		Greenish-gray, brown & silty sh, some varicolored fine to med ss
3790 - 3817	27		Brownish gray sh, trace ss. T/Fritland 3817
3817 - 3870	53		Gray-brown carb sh; coal, lignite
3870 - 3900	30		Ditto and white-gray fine to med calc ss; calcite xls in coal
3900 - 3930	30		Coal, silty, carbonaceous & dk gray, trace ss
3930 - 3970	40		Gray-brown & carbonaceous sh; minor coal & lignite; sh, med & p ss
3970 - 3993	23		Coal, lignite, carbonaceous & gray sh; minor & p ss; Bent; Lost Circ
3993 - 4020	27		Light gray, fine, hard, light gray bent ss & silty; gray sh
4020 - 4045	25		Light gray, fine to med, some crse & p bent ss. T/Fritland 4045
4045 - 4075	30		ss, same grading, finer, to siltstone; brown-gray carb sh
4075 - 4100	25		Brown-gray sh; ss decreasing and finer. T/Lewis 4075
4100 - 4180	80		Brown-gray sh; ss decreasing, ss increasing
4180 - 4435	245		Gray sh; minor ss, trace calcite
4435 - 4935	500		Gray sh; slight increase ss & calcite
4935 - 4965	30		Gray ss, med hard & light; sh, same, minor
4965 - 5655	768		Gray to dk gray sh, hard, strike w. fine to fine-hd ss & silty;
5655 - 5750	97		sh to tan, fine to med, hd, light, silty ss; dk gr sh; calc
5750 - 5840	90		tan to gray, v. fine, med to ss & silty, Bent; dk gr sh, same
5840 - 6020	180		carbonaceous sh, trace coal, lignite
6020 - 6115	95		Ditto, sh slightly dk, traces coal, lignite & carb material
6115 - 6137	22		Ditto, ss, finer; increase coal, lignite
6137 - 6294	157		Dark brownish gray sh, minor white v. fine ss
			T/Point Lookout ss. Lost returns 6150; no samples to T.D., 6294.