

U. S. LAND OFFICE

SERIAL NUMBER 370072

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Aspen State Petroleum Co. Address St. Louis, Mo.Lessor or Tract _____ Field Aspen State Mo.Well No. 2-11 Sec. 1 T. 1 R. 1 Meridian 1822 County WayLocation 11.6 ft. ^{N.}_{S.} of _____ Line and 24.1 ft. ^{E.}_{W.} of _____ Line of _____ Elevation 523
(Derrick floor relative to 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 _____

Date September 20, 1951 Title Production Superintendent

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

Commenced drilling 20 Sept., 1951 Finished drilling October, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5710 to 5715 No. 4, from _____ to _____No. 2, from 520 to 520 No. 5, from _____ to _____No. 3, from 6345 to 6366 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>5-7/8</u>	<u>24</u>	<u>8</u>	<u>Spring</u>	<u>150</u>	<u>13000</u>				<u>Perforation</u>
<u>5-1/2</u>	<u>14</u>		<u>Spring</u>	<u>500</u>					<u>Perforation</u>
<u>5-1/2</u>	<u>14</u>		<u>Spring</u>	<u>75</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5-7/8</u>	<u>154</u>	<u>100</u>	<u>Wet</u>		
<u>5-1/2</u>	<u>640</u>	<u>200</u>	<u>Wet</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was 39 barrels of fluid of which 10 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 41

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Larry Stone - Pusher, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1055	1055	Top Allen, Burlington & Franklin
1055	1104		Picturedisco
1104	3234		Lewis
3234	3275		Cliff house
3275	4150		Knobee
4150	4430		St. Patrick
4430	5350		Shoals
5350	5600		Shoals
5600	6150		Shoals
6150	621		Greenhorn
621	625		Greenhorn
625	7.1		Greenhorn
7.1	8.3		Greenhorn

FROM -	TO -	TOTAL FEET	FORMATION
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DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
1/1/19	...	...	...	...
1/2/19	...	...	...	...
1/3/19	...	...	...	...
1/4/19	...	...	...	...
1/5/19	...	...	...	...
1/6/19	...	...	...	...
1/7/19	...	...	...	...
1/8/19	...	...	...	...
1/9/19	...	...	...	...
1/10/19	...	...	...	...
1/11/19	...	...	...	...
1/12/19	...	...	...	...
1/13/19	...	...	...	...
1/14/19	...	...	...	...
1/15/19	...	...	...	...
1/16/19	...	...	...	...
1/17/19	...	...	...	...
1/18/19	...	...	...	...
1/19/19	...	...	...	...
1/20/19	...	...	...	...
1/21/19	...	...	...	...
1/22/19	...	...	...	...
1/23/19	...	...	...	...
1/24/19	...	...	...	...
1/25/19	...	...	...	...
1/26/19	...	...	...	...
1/27/19	...	...	...	...
1/28/19	...	...	...	...
1/29/19	...	...	...	...
1/30/19	...	...	...	...
1/31/19	...	...	...	...
2/1/19	...	...	...	...
2/2/19	...	...	...	...
2/3/19	...	...	...	...
2/4/19	...	...	...	...
2/5/19	...	...	...	...
2/6/19	...	...	...	...
2/7/19	...	...	...	...
2/8/19	...	...	...	...
2/9/19	...	...	...	...
2/10/19	...	...	...	...
2/11/19	...	...	...	...
2/12/19	...	...	...	...
2/13/19	...	...	...	...
2/14/19	...	...	...	...
2/15/19	...	...	...	...
2/16/19	...	...	...	...
2/17/19	...	...	...	...
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2/25/19	...	...	...	...
2/26/19	...	...	...	...
2/27/19	...	...	...	...
2/28/19	...	...	...	...
2/29/19	...	...	...	...
2/30/19	...	...	...	...
3/1/19	...	...	...	...
3/2/19	...	...	...	...
3/3/19	...	...	...	...
3/4/19	...	...	...	...
3/5/19	...	...	...	...
3/6/19	...	...	...	...
3/7/19	...	...	...	...
3/8/19	...	...	...	...
3/9/19	...	...	...	...
3/10/19	...	...	...	...
3/11/19	...	...	...	...
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3/18/19	...	...	...	...
3/19/19	...	...	...	...
3/20/19	...	...	...	...
3/21/19	...	...	...	...
3/22/19	...	...	...	...
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3/25/19	...	...	...	...
3/26/19	...	...	...	...
3/27/19	...	...	...	...
3/28/19	...	...	...	...
3/29/19	...	...	...	...
3/30/19	...	...	...	...
3/31/19	...	...	...	...
4/1/19				

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 "side-tracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, 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 bailing.

Well 7-7/8" hole to T.B. at 6443. Logged w/Schlumberger (ES instruction, Gamma Ray, Sonic). Ran 5-1/2", 1 1/4" & 1 1/8" casing to 6440. Cemented bottom stage w/150 regular cement. 2nd stage w/50 sack 50-50 Pos mix - D.V. lost @ 1860.

Perf. Dakota w/2 JFF from 6266-76, 6284-90, 6346-6370.

Spec. Dakota w/ 30,000 gal. water & 60,000 20-40 sand. Dropped 50 balls. Set Baker Model 1 Baker @ 5760.

Perf. calling w/2 notices @ 5711 and 5713. Free w/50,000 gal. crude, 20,000# 20-40 sand and 2,000# Turf prop.

Ran 1 1/2" tubing to 6330 for Dakota. Ran 2-1/16" tubing to 5600 for casing. Potentially Dakota on 31 October, 1961 on 15/64" choke. Test parted 24 hrs. Well flowed 140 BOPD and 1,160 MCF/D.

Potentially casing 1 November 1961. Well flowed 397 BOPD on 24/64" choke. Ran packer leakage test during Dakota Potential. No leaks.

7 May 512 1720 on Dakota tubing. Tubing Pressure 600# at end of 24 hr. test.