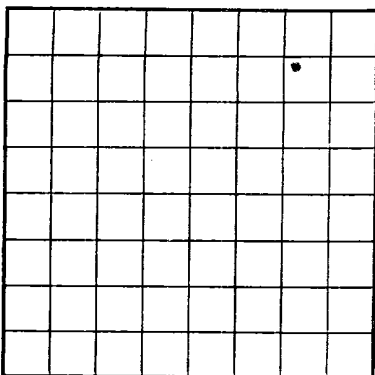
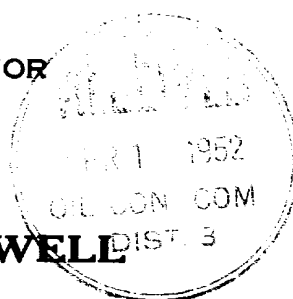




LOCATE WELL CORRECTLY

Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 077329
LEASE OR PERMIT TO PROSPECT
Angel Peak UnitUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Stanolind Oil and Gas Company Address Box 591 Tulsa Oklahoma
Lessor or Tract Angel Peak Unit Field Wildcat State New Mexico
Well No. 1 Sec. 15 T. 27-N R. 10-W Meridian NMPM County San Juan
Location 990 ft. N. of N. Line and 990 ft. E. of E. Line of Section 15 Elevation 6322
(Derives 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 L. O. Jones, Jr.
Date March 28, 1952 Title Production Foreman

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

Commenced drilling August 23, 1951 Finished drilling December 28, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2160 to 2230 (G) No. 4, from _____ to _____
No. 2, from 6560 to 6800 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ 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—	
10 3/4"	32.75	8	Pittsburg	480	Guide				
7"	20	8	Chester	6617	Pack-Off				
2"	4.7	8		6798	None (landed at 6761)	6761	6761	6742	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	494	370	Displacement		
7"	6570	200	Displacement		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set PSTD 6803'
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5"	Tin Torpedo	SNC (Slow Detonating)	580 qts.	1/12/52	6790-6650	6803 FBD

TOOLS USED

Rotary tools were used from 0 feet to 8043 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 3, 1952 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment.

Gravity, °Bé. _____
U gas well, cu. ft. per 24 hours 145,000 after blowing 6 hours thru 2" w/ pitot tube.
Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1928

EMPLOYEES

Don E. Howard, Driller L. V. Stone, Driller
J. A. Reford, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1340'	1340'	Tertiary - Sand & shale
1350'	2160'	790'	Kirtland - Sand & Shale
2160'	2230'	70'	Pictured Cliffs - Sand
2230'	3700'	1470'	Lewis - Shale
3700'	4635'	935'	Mesa Verde - Sand & Shale
4635'	6555'	1920'	Mancos - Shale
6555'	6800'	245'	Dakota - Sand & Shale
6800'	7745'	945'	Morrison - Sand & Shale
7745'	8043'	298'	Entrada - Sand & Shale.

(OVER)

16-4504-2

FORMATION RECORD—Continued

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, 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 was spudded at 2140 A.M., August 23, 1951, and was drilled to a total depth of 8043 feet with rotary tools. The 10-3/4" casing was landed at 794 feet with 370 sacks of cement. Water shut-off was tested with 500 pounds. No drop in pressure.

Logs and drill stem tests failed to indicate commercial production from total depth to the base of the Dakota formation at 6800 feet. Well was plugged back from total depth to 6803 feet with ~~solid~~ cement. The 7th casing was landed on 6570 feet with 200 sacks of cement. Temperature survey was run and top of cement outside of casing was at 5700 feet.

Well was cleaned out to 6803 feet and shot with 580 quarts of SNG from 6790 to 6650 feet with gravel cap from 6650 to 6576 feet, hydramtic cap from 6576 to 6560 feet and cal-seal cap from 6560 to 6537 feet. Well was cleaned out to 6803 feet with reverse and conventional circulation. Cable tool rig was moved in to clean out and run 2" tubing. Tubing was landed at 6761 feet. Well was shut in for nine days. Shut in casing pressure was 1928 psi. Well measured LVS MCF per day with pitot tube after 6 hour blow down through 2" pipe nipple on March 3, 1952. Well is shut in for nine line connection.

Drill Stem Test and Cores are listed on attached sheet.