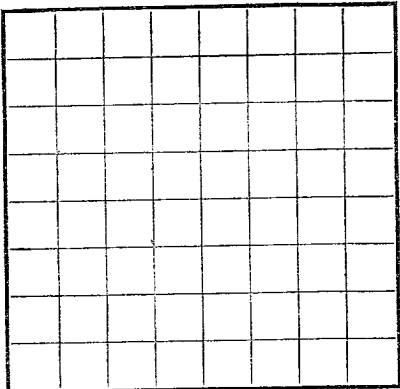


U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 088995
LEASE OR PERMIT TO PROSPECT
Spencer-Federal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company W.W. Holmes Address Box 567, Amarillo, Texas
Lessor or Tract Spencer-Federal Field Unknown State New Mexico
Well No. 11 Sec. 11 T. 18N R. 3W Meridian N.M.P. County Sandoval
Location 1945 ft. ^[N.] of XXX Line and 1140 ft. ^[W.] of XXX Line of SW 1/4 of Sec. 11 Elevation 6709 Gr.
(Derrik 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 _____

Date 7/21/61 Title office manager

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

Commenced drilling June 27, 19 61 Finished drilling July 5, 19 61

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ 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—	
8 5/8"	28	14				Surface			Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	14'		Circ. to surface		

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 1420 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7/5/61, 19 _____ 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. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Jack W. Holmes, Driller _____, Driller
T.C. Durham, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	285		Hard sandstone, shale & coal
285	360		Sand
360	480		Shale
480	495		Shale and coal
495	510		Sand
510	540		Shale
540	710		Shale, coal & sand streaks
710	718		Sand
718	736		Shale
736	745		Sand
745	764		Shale
764	770		Sand
770	795		Shale
795	798		Sand
798	860		Shale
860	880		Sand
880	890		Shale
890	1030		Sand
1030	1129		Shale w/ streaks of sand
1129	1130		Sand (show of oil)
1130	1132		Sand
1132	1141		Shale
1141	1150		Sand (water)
1150	1315		Shale w/ sand streaks
1315	1395		Shale
1395	1420		Sand (water)

1420 T.D.

