Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE _____
SERIAL NUMBER NM 02328-A
LEASE OR PERMIT TO PROSPECT _____

RECEIVED
SEP 6 1960
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 8 1960
O. C. C.
ARTESIA, OFFICE

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company M. G. Peters Drilling Co. Address Box 902 Roswell, N. M.

Lessor or Tract Federal ~~Hinkle~~ Kelly "B" Field Undesignated State New Mexico

Well No. 1 Sec. 19 T. 11S R. 27E Meridian NMPM County Chaves

Location 330 ft. {N.} of S Line and 2310 ft. {E.} of W Line of Sec. 19 Elevation 3675
{S.} {W.} (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 N. Dale Nichols

Date 6-28-60 Title Geologist

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

Commenced drilling 8-17, 1959 Finished drilling 8-28-59, 19__

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from NONE 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 32 to 48 No. 3, from _____ to _____

No. 2, from 564 to 726 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
7"	24#	8	Used	65	Tex. Pat	0	0	0	Surface
4½"	9.5	8	GFI	768	Tex. Pat	0	664	726	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	65	25	Circ		
4½"	768	200	Circ.	Plug	
			Plug		

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 0 feet to 770 feet, and from _____ feet to _____ feet

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

DATES

Temp. Abd. 5-20, 1960 Put to producing _____, 19__

The production for the first 24 hours was 180 barrels of fluid of which ____% was oil; ____% emulsion; 100% 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

Brady, W. H., Driller _____, Driller

Barnes, H. E., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	63	63	Surf. sd., caliche & gyp
63	~~107~~ 170	107	Red & gray sand & shale
170	428	258	Salt w/ anhydrite stringers
428	446	18	Red shaly sd.
446	508	62	Salt w/ anhydrite stringers
508	544	36	Red & gray sd. w/ tr. anhydrite
544	595	51	Anhydrite w/ red shale stringers
595	726	131	Res & gray sand & shale
726	770	44	Anhydrite and red sand

Yates — 63'
Queen — [illegible]
Penrose — [illegible]

FOLD | MARK

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.

RECEIVED