N. M. O. C. C. COPY

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

Form 9-330

U. S. LAND OFFICE _____
SERIAL NUMBER LC-063623-B
LEASE OR PERMIT TO PROSPECT _____

RECEIVED
AUG 12 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 17 1960
O. C. C.
ARTESIA, OFFICE

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Wayne J. Spears Address 201 Three Cross, Roswell, New Mex.

Lessor or Tract Hanson A Field Undesignated State New Mexico

Well No. 7-A Sec. 27 T. 16S R. 27E Meridian NMPM County Eddy

Location 2310 ft. {N./S.} of N Line and 1650 ft. {E./W.} of E Line of Sec. 27 Elevation 3491'
(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 Samuel B. Spears

Date August 4, 1960 Title Agent

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

Commenced drilling July 25, 1960 Finished drilling July 31, 1960

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 From—	Perforated To—	Purpose
7"	17#			150					Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	150 feet	50	Pump & plug		

FOLD

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 1482 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 _____ 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

_____, Driller Walker Drilling Company, Driller

_____, Driller Pecos, Texas, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0	564	564	Anhydrite
564	584	20	Shale
584	670	86	Shale
670	700	30	Sand
700	1036	336	Anhydrite, Shale & occasional sand
1036	1358	322	Anhydrite & Dolomite w/sandy shale
1358	1379	21	Anhydrite, Shale & Dolomite
1379	1459	80	Ss vfg Shy
1459	1482	23	Dol d styo MRF

TOPS:

Top Bowers sand	664
Top Queen	770
Top Gryburg	1136
Top Premier	1458
Top San Andres	1474

The following plugs were used:

1005-955 with 10 sacks cement,
445-344 with 20 sacks cement,
180-107 with 15 sacks cement,
Surface with 5 sacks cement, Heavy mud between all plugs.
Marker will be erected.

CORE #1 1450-1482 feet, Recovered 1450-1482 (32 feet)

1450-63'	Ss vfg shy sl dolo gl MVF
1463-66'	Dol d-vfx Gyp incls styo MRF
1466-72'	Dol d-vfx sl sandy sl shaly MVF
1472-82'	Dol d styo MRF

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.