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Form 9-330

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

U. S. LAND OFFICE LC-062623-B
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

RECEIVED
SEP 26 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. 1 Sec. 27 T. 16S R. 27E Meridian NMPM County Eddy

Location 1980 ft. {N.} of 660 Line and ft. {E.} of Line of Sec. 27 Elevation
{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.

Date September 23, 1960 Signed Wayne J. Spears Title Operator

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

Commenced drilling ....., 19..... Finished drilling ....., 19.....

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		

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 1588 feet, and from ..... feet to ..... feet

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

DATES

PLUGGED & ABANDONED September 23 60, 19.....

..... , 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

Walker Drilling Company
Pecos, Texas

..... , Driller ..... , Driller

..... , Driller ..... , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-4

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0	614	614	Anhydrite
614	634	20	Shale
634	720	86	Shale
720	750	30	Sand
750	1086	336	Anhydrite, shale & occasional sand
1086	1408	322	Anhydrite & dolomite w/sandy shale
1408	1429	21	Anhydrite, shale & dolomite.
1429	1509	80	Ss vfg Shy
1509	1588	79	Dol d styo MRF

TOPS:

Top Bowers sand	714
Top Queen	820
Top Greyburg	1186
Top Premier	1508
Top San Andres	1524

The following plugs were used:

1055-1005 with 10 sacks cement,
495-394 with 20 sacks cement,
230-157 with 15 sacks cement,
Surface with 5 sacks cement, Heavy mud between all plugs,
Marker on surface.

CORE #1 1500-1588 feet

1500-1513	Ss vfg shy sl dolo gll MVF
1513-66	Dol d-vfx Gyp inclis styo MRF
1566-72	Dol d-vfx sl sandy sl shaly MVF
1572-88	Dol d styo MRF

Total Depth 1588 feet

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.