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MAY 2 1946

U. S. GEOLOGICAL SURVEY
Denver, Colorado

Form 9-330

Budget Bureau No. 42-R355.
Approval expires 11-30-46.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 058179
LEASE OR PERMIT TO PROSPECT
Leonard

SUPPLEMENTAL REPORT

RECEIVED
MAR 10 1977
O. C. C.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. GEOLOGICAL SURVEY
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APR 29 19
NEW M

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Snowden Oil & Gas Company, Ltd. Address 304 Carper Bldg., Artesia, New Mexico
Lessor or Tract Leonard Field Square Lake State New Mexico
Well No. 2 Sec. 34 T. 16 R. 30 Meridian NMPM County Eddy
Location 660 ft. {N.} of S Line and 660 ft. {E.} of W Line of Section 34 Elevation 3735
(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 [illegible]
Title Geological Engineer

Date April 23, 1946

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

Commenced drilling March 12, 19 46 Finished drilling March 25, 19 46

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3040 to 3045 No. 4, from to
No. 2, from 3113 to 3121 No. 5, from to
No. 3, from 3125 to 3131 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

See original record

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

See original record

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
4"		Nitro	250	3-29-46	3038-3034	

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 3018 feet to 3170 feet, and from feet to feet

DATES

, 19 Put to producing April 14, 19 46

The production for the first 24 hours was 105 barrels of fluid of which 100 % 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

A. F. Smith, Driller M. H. Hargus, Driller
W. I. Trembley, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3018	3170		Gray Lime
3170			TOTAL DEPTH

FOLD | MARK

16—43094-1

Form 9-880

Budget Bureau No. 42-R355.5
Approval expires 11-30-56.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 05217
Lease or Permit to Prospect
Leon #1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAR 10 1977
U. S. G. S.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Bowden Oil & Gas Company, Ltd. Address 708 Security Bldg., Artesia, New Mexico
Lessor or Tract Leonard Field Square Lake State New Mexico
Well No. 2 Sec. 34 T. 15 R. 30 Meridian NMPM County Eddy
Location 660 ft. {N/S} of S Line and 660 ft. {E/W} of W Line of Section 34 Elevation 3736
(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 [illegible]

Date April 23, 1946 Title Geological Engineer

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

Commenced drilling March 12, 19 46 Finished drilling [illegible], 19 46

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3040 to 3045 No. 4, from ..... to .....
No. 2, from 3133 to 3121 No. 5, from ..... to .....
No. 3, from 3125 to 3131 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—	To—	Purpose

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.

HISTORY OF OIL OR GAS WELL

16—43084-1 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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

DATES

..... 19..... Put to producing March 24, 1946

The production for the first 24 hours was 109 barrels of fluid of which 100% 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

A. E. Smith, Driller ..... Driller
W. I. Bowlder, Driller ..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3110	3120		Yates Lime
3120			Total Depth

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43084-1