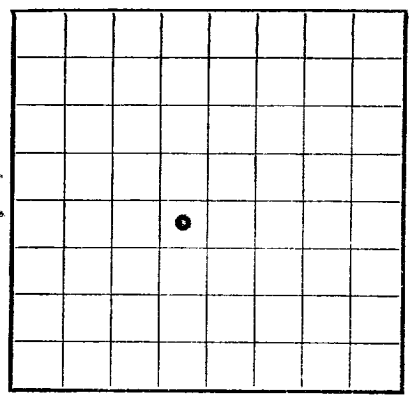
N. M. O. C. C. COPY

Form 9-330

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029415(b)
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
NOV 14 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
DEC 19 1960
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company William A. & Edward R. Hudson Address 1810 Electric Bldg., Ft. Worth, Tex.

Lessor or Tract Puckett Field Wildcat State New Mexico

Well No. 19-B Sec. 25 T. 17S R. 31E Meridian NMPM County Eddy

Location 2615 ft. {N./S.} of S Line and 2615 ft. {E./W.} of W Line of Sec. 25 Elevation 3935 (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 Ralph L. Gray

Date November 10, 1960 Title Consulting Engineer.

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

Commenced drilling October 3, 19 60 Finished drilling November 7, 19 60

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
13-3/8"				308'					Surface
8-5/8"				4150'					Interm.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	308'	850			
8-5/8"	4150'	1700 sacks 10% Gel Incor plus 100 sacks Neat.			

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 Surface feet to 7535 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 , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	195		Surface sand and caliche.
195	535		Red bed and sand.
535	709		Sand.
709	829		Anhydrite.
829	1895		Salt.
1895	3000		Anhydrite, sand, shale.
3000	3035		Red sand.
3035	3370		Anhydrite and sand.
3370	3679		Lime and sand.
3679	5265		Dolomite.
5265	5355		Sand and dolomite.
5355	5760		Dolomite.
5760	7340		Dolomite and sand.
7340	7435		Shale.
7435	7535		Dolomite.

AT THE END OF COMPLETE DRILLING LOG AND GEOLOGIC TOPS WHETHER FROM EL OR SAMPLES.

EL TOPS

T. Anhy.	709	T. Red Sand	3000'	T. Abo Sh.	7340
T. Salt	829	T. Grayburg	3370	T. Abo Reef	7435
B. Salt	1895	T. San Andres	3679		

FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

16—48094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

FROM—	TO	TOTAL FEET	FORMATION

EMPLOYEES

Driller ..... Driller .....

Driller ..... Driller .....

DATES

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

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

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. .....

Gallons gasoline per 1,000 cu. ft. of gas .....

If gas well, cu. ft. per 24 hours .....

Rock pressure, lbs. per sq. in. .....

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

MUDDING AND CEMENTING RECORD

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

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.

CASING RECORD

Size	Weight	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From— To—	Purpose

DST #1, 7425-59, tool open 1½ hours. GTS/2 min. Very strong blow, guaged 1300 MCFPD at start but diminished sharply at end of test. Recovered 300' of oil and water. 30 min. I.S.I.P.-2775, 30 min. F.S.I.P.-2775.

DST #2, 7459-7535, tool open 2 hours. Strong blow diminished to weak blow. GTS/12 min. Recovered 838' salty sulfur water. Cl content 35,000 ppm. Resist. .162 at 66°.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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 ..... Title .....

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

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

Company ..... Address .....

Lessor or Farm ..... Field ..... State .....

Well No. ..... Sec. ..... R. ..... Elevation .....

Location ..... feet ..... of ..... Line and ..... feet ..... of ..... Line of ..... (Give also local name if any)

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.

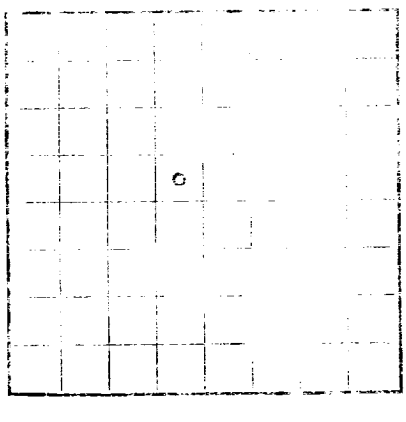
Signed .....

Date ..... Title .....

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

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

LOG OF OIL OR GAS WELL



Form 9-330

RECEIVED
DEC 1990
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
U. S. LAND OFFICE
SERIAL NUMBER
DATE OF PERMIT TO PROSPECT
Budget Bureau No. 42-R355.4
Approval expires 31-31-55