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

Form 9-330

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MAY 21 1946
U. S. GEOLOGICAL SURVEY
Denver, Colorado

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MAY 9 1977
O.C.D.
ARTESIA, OFFICE

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 045818 (a)
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
RECEIVED
MAY 23 1946
ROSWELL, NEW MEXICO

30 - 015 - 00146

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company A. H. Hover Address Artesia Hotel Bldg., Artesia, NM

Lessor or Tract (A. H. Hover) Hastia Field Empire State New Mexico

Well No. 13 Sec. 18 T. 17S R. 28E Meridian N.M.P.M. County Eddy

Location 990 ft. {N.} of S Line and 1737 ft. {E.} of W Line of Sec. 18 Elevation About 3600'
{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 A H Hover

Date 5/17/46 Title Operator

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

Commenced drilling December 17, 19 45 Finished drilling February 1st, 19 46

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 568 to 578 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 ~~230~~ 235 to 240 No. 3, from ____ to ____

No. 2, from 300 to 310 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
8"	32#		A.M.	325'	Common	All	recovered	stated	depth.
7"	20#		A.M.	540'	Texas pattern				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	540'	25 Sacks	Halliburton Oil Well.		

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
Well acidized with 1,000 gallons of acid - work done by Dow Chemical Company - acidized from 580', plugged back two feet with lead wool and gravel, and acidized to 540'.						

TOOLS USED

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

Cable tools were used from -0- feet to 580' feet, and from ____ feet to ____ feet

DATES

February 5, 19 46 Put to producing February 5, 1946 19

The production for the first 24 hours was 15 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

C. L. East, Driller Troy Scott, Driller

T. Woosley, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Red Beds
30	80	50	Red Beds
80	130	50	Anhydrite
130	150	20	Red Beds
150	180	30	Anhydrite & Red Beds
180	230	50	Anhydrite
230	260	30	Anhydrite
260	285	25	Anhydrite, Sandy Shale- brown
285	325	40	Sandy Shale - Red (Water 300 to 310)
325	360	35	Red Beds
360	386	26	Brown Gumbo
386	405	19	Brown Gumbo
405	410	5	Brown Gumbo
410	416	6	Gray Shale
416	435	19	Brown Gumbo
435	440	5	Pink Shale
440	442	2	Pink Shale
442	455	13	Anhydrite
455	467	12	Anhydrite
467	473	6	Red Beds
473	485	12	Anhydrite
485	495	10	Red Beds
495	507	12	Anhydrite
507	509	2	Brown Shale
509	540	31	Anhydrite

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Artesia, New Mexico

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FOLD

MARK