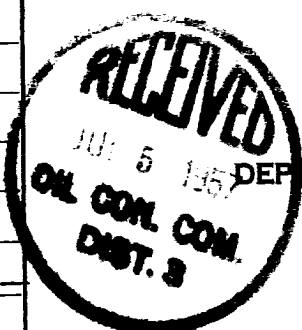
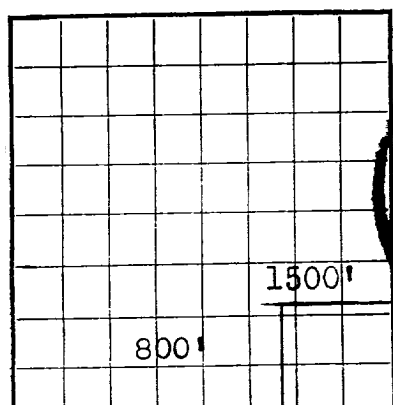


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. Felix Hickman Address 4115 Avenida La Resplana, N.E.
Albuquerque, New Mexico
Lessor or Tract J. Felix Hickman Field Undesignated State N.M.
Well No. 2 Sec. 5 T 24N R 3W Meridian N.M.P.M. County Rio Arriba
Location 800 ft. N of S. Line and 1950 ft. E of E. Line of Sec. 5 Elevation 6978
(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 _____

Date July 3, 1957

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

Commenced drilling May 19, 1957, 19 Finished drilling May 22, 1957, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3198 to 3296 G 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. 2, from _____ to _____

No. 3, 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		Purpose
							From	To	
8-5/8	32			185					
5-1/2	15		I55	3296			3260	3240	
							3252	3276	
2-3/8				3296					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	125'	200			
5-1/2	3296'	150			

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 3298' feet, and from _____ feet to _____ feet

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

DATES

June 13, 1957, 19____ Put to producing _____, 19____
 The production for the first 24 hours was Est. 4,000 MCF barrels of fluid of which _____% was oil; _____%
 emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours 925 lbs. Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Empire States Drilling Corp., Driller _____, Driller _____
_____, Driller _____, Driller _____

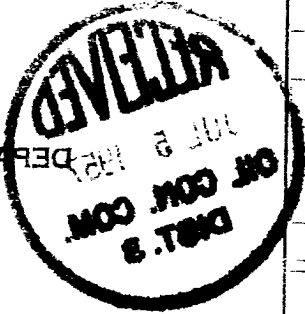
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	Top	Ojo Alamo - 2744'	
	Top	Kirtland Fruitland - 2948'	
	Top	Pictured Cliff - 3198'	

Approval expires 12-31-55.
Budget Bureau No. 42-R-3223.

PLEASE ON PERMIT TO PROSPECT
SERIAL NUMBER
U.S. LAND OFFICE
MAY 30 1931

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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 _____

Location 800 ft. [X] of S. line and 650 ft. [W] of E. line of Sec. 2. Elevation 2978
Well No. 2 Sec. 2 T24N R34E Meridian N. 1/4-4-11-11 County Big Horn State Wyo.
Lessor or Tract J. Felix Nickman Field Under Leasing State Wyo.
Company J. Felix Nickman Address 4115 Virginia La. Assolera W. 7.

Date July 3, 1957

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

Commenced drilling	Finished drilling
May 14, 1958	May 14, 1958

OIL OR GAS SANDS OR ZONES

(Denote das ist G)

No. 1, from	to	2883	No. 4, from	to
No. 2, from	to		No. 5, from	to
No. 3, from	to		No. 6, from	to

IMPORTANT WATER SANDS

No. 3 from	to	No. 3 from	to
No. 4 from	to	No. 4 from	to

CASING RECORD

Case No.	Size of casing	Weight per foot	Depth	Kind of shoe	Cut and drilled from	Perforated	Purpose
3-278	36	185	185				
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 pumps or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.							
3-279	36	185	185				
This well was watered and fractured with 57,000 gals of water. To							

HISTORY OF OIL OR GAS WELL

[Faint, illegible markings]

NUDDING AND CEMENTING RECORD

Size Casting	Weight set	Number casts of cement	Method used	Wind gravity	Amount of mud used
8-1/2	150	300			
8-1/2	300	150			

PLUGS AND ADAPTERS

Adapters—Material	Size	Length	Weight
Heaving plug—Material			

SHOOTING RECORD

[illegible]

TOOLS USED

Cable tools were used from	_____ feet to _____ feet and from	_____ feet to _____ feet
Rotary tools were used from	Surface feet to _____ feet and from	_____ feet to _____ feet

2574

The production for the first 24 hours was	4,000 bbl.	Part to producing	
	barrels of fluid or which	No was oil;	
			June 18, 1957

It was well cut in 24 hours	325 lbs.	Gallons gasoline per 1,000 cu. ft. of gas
Emulsion; and	% sediment	Gravity, °D.

Rock pressure, lbs. per sq. in.	
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EMPLOYEES

[illegible]

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
	Top	0 to 100	1000
	Top	100 to 200	2000
	Top	200 to 300	3000

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

FROM-	TO-	TOTAL FEET	FOALS]	FORMATION	18-4-2084
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FORMATION RECORD—Continued