Form 9-330

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

LAS CRUCES

U. S. LAND OFFICE 029392 A

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

I

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company RICHARD SAUNDERS WELCH & IVERSON Address ARTESIA, NEW MEXICO

Lessor or Tract HINKLE "A" Field UNDESIGNATED State NEW MEXICO

Well No. 3-A Sec. 34 T. 18S R. 31E Meridian NMPM County EDDY

Location 1650 ft. {N./S.} of S Line and 330 ft. {E./W.} of E Line of 34-18-31 Elevation

(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 R. S. Welch

Date 1/28/57 Title PARTNER

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

Commenced drilling DEEPENING 12/10/56, 19 Finished drilling 1/22/57, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3390 to 3445 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 3215 to 3224 LITTLE WATER 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
8				920					
7				2678					
4½				3477			3390	3445	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8	920	50			
7	2678	100			
4½	3477	100	DENTON		

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 2857 feet to 3477 feet, and from feet to feet

DATES

, 19 Put to producing 1/22/57, 19

The production for the first 24 hours was 100 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 J. M. WELCH, Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2857	3105		Lime
3105	3112		Sandy Lime
3112	3124		Lime
3124	3138		Sandy Lime
3138	3164		Lime
3164	3177		Lime -Sandy
3177	3184		Lime
3184	3206		Red Sand
3206	3208		Lime
3208	3215		Lime-Sandy
3215	3224		Red Water Sand
3224	3306		Lime
3306	3334		Sand & Shale
3334	3382		Lime
3382	3393		Sandy Lime
3393	3413		Red Sand
3413	3417		Sandy Lime
3417	3436		Sand
3436	3439		Lime
3439	3450		Sand
3450	3477		Lime

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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.