

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 061701  
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

**LOCATE WELL CORRECTLY**

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Company Harvey E. Yates Address 314 Carper Bldg., Artesia, New Mexico

Lessor or Tract Ballard Field Loco Hills State New Mexico

Well No. 4-B Sec. 8 T. 18S R. 29E Meridian N.M.P.M. County Eddy

Location 1980 ft. N. of S Line and 1980 ft. E. of E Line of Sec 8 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.

Date January 16, 1957

Title **Bookkeeper**

Date January 20, 1921  
The summary on this page is for the condition of the well at above date.

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Commenced drilling November 24, 1956 Finished drilling January, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

(Denote gas by G)

No. 1, from <u>3032</u> to <u>3042</u> No. 2, from <u>3046</u> to <u>3064</u> No. 3, from <u>3080</u> to <u>3090</u>	No. 4, from <u>3134</u> to <u>3152</u> No. 5, from <u>3156</u> to <u>3174</u> No. 6, from _____ to _____
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## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

# MUDDING AND CEMENTING RECORD

[illegible]

## PLUGS AND ADAPTERS

**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
Acidized with 7000 gals acid at 5 intervals from 3032 to 3174, thru Lynes Packer						

## TOOLS USED

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Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from 3038 feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

January 16, 1957	Put to producing	January 15, 57
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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

EMPLOYEES	
James D. Monroe	Driller
James W. Tyree	Tool dresser
	Driller

# FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3039	3305		Lime

[illegible]

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 the kind of material used, position, and results of pumping or bailing.

# HISTORY OF OIL OR GAS WELL

TO - 45094-Z - U. S. GOVERNMENT PRINTING OFFICE

[illegible]

OIL CONSERVATION COMMISSION SEP 5 1950  
STATE OF NEW MEXICO  
REQUEST FOR ALLOWABLE OIL Cons. Comm.

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

☒ Oil Well  
☐ Gas Well  
☐ Workover Well

Place Artesia, New Mexico Artesia OfficeDate September 1, 1950Designate UNIT well is located in  
KPOOL Loco Hills

NOTICE OF COMPLETION OF: (lease) Ballard B Well No. 4-B  
1980 Feet from South Line 1980 feet from West Line;  
Section 8 Township 18 South Range 29 East

DATE STARTED May 5, 1950DATE COMPLETED September 2, 1950

ELEVATION D. F. \_\_\_\_\_

TOTAL DEPTH D. F. 3008'CABLE TOOLS ☒

ROTARY TOOLS \_\_\_\_\_

PERFORATIONS DEPTH \_\_\_\_\_

OR OPEN HOLE DEPTH \_\_\_\_\_

## CASING RECORD

SIZE 8 5/8 "DEPTH SET 335'SAX CEMENT 5SIZE 5 1/2 "DEPTH SET 2870'SAX CEMENT 100

SIZE \_\_\_\_\_

DEPTH SET \_\_\_\_\_

SAX CEMENT \_\_\_\_\_

## TUBING RECORD

SIZE 2 " DEPTH 2930

## ACID RECORD

NO. GALS. 3000

## SHOT RECORD

NO. QTS. \_\_\_\_\_

NO. GALS. \_\_\_\_\_

NO. QTS. \_\_\_\_\_

NO. GALS. \_\_\_\_\_

NO. QTS. \_\_\_\_\_

## FORMATION TOPS

T. Anhydrite 635

T. Grayburg \_\_\_\_\_

T. Miss. \_\_\_\_\_

T. Salt 331T. San Andres 2930

T. Dev. \_\_\_\_\_

B. Salt 635

T. Glorieta \_\_\_\_\_

T. Sil. \_\_\_\_\_

T. Yates \_\_\_\_\_

T. Drinkard \_\_\_\_\_

T. Ord. \_\_\_\_\_

T. Seven Rivers \_\_\_\_\_

T. Wolfcamp \_\_\_\_\_

T. Granite Wash \_\_\_\_\_

T. Queen \_\_\_\_\_

T. Penn. \_\_\_\_\_

T. Granite \_\_\_\_\_

OIL OR GAS PAY 2930 - 3008 WATER 180Initial Production Test 495 bbls Pumping \_\_\_\_\_ Flowing ☒Test after acid or shot flowed 27 bbls for two hrs and flowed 20 per the next 22 hrs.

Initial Gas Volume \_\_\_\_\_

DATE first oil run to tanks or gas to pipe line September 2, 1950PIPE LINE TAKING OIL Texas New Mexico Pipe Line Company, Midland, TexasREMARKS: \_\_\_\_\_ COMPANY Harvey E. YatesSIGNED BY Philip W. Platt

OIL CONSERVATION COMMISSION

BY: [Signature]



OIL CONSERVATION COMMISSION  
STATE OF NEW MEXICO

RECEIVED  
SEP 5 1950  
Form O-110

Oil Cons. Comm.  
Res. Office

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Harvey E. Yates Lease Ballard  
Address 303 Booker Building Artesia, New Mexico  
(Local or Field Office) (Principal Place of Business)  
Unit K Wells No. 4-B Sec. 8 T183 R29 E Field Loco Hills County Eddy  
Kind of Lease Federal L. C. 061701 Location of Tanks on lease  
Transporter Texas New Mexico Pipe Line Co. Address of Transporter Midland, Texas  
(Local or Field Office)  
Percent of oil to be transported 100. Other transporters author-  
(Principal Place of Business)  
ized to transport oil from this unit are None %  
REMARKS:

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 6th day of September, 195 0

Harvey E. Yates  
(Company or Operator)  
By Philip W. Platt  
Title Agent

State of NEW MEXICO  
County of EDDY } ss.

Before me, the undersigned authority, on this day personally appeared Philip W. Platt known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 6th day of September, 195 0

My Commission expires May 31, 1953

Notary Public in and for Eddy County, N. Mex.

Approved: SEP 8 1950 195 0

OIL CONSERVATION COMMISSION

By [Signature]

(See Instructions on Reverse Side)

## INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (b) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.