

DUPLICATE

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Form C-119
RECEIVED
AUG 28 1950
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator Buffalo Oil Company Lease Wm. Mitchell B
Address Artesia, New Mexico Dallas, Texas
(Local or Field Office) (Principal Place of Business)
Unit 0 Wells No. 19-R Sec 17 T 17 R 32 Field Maljamar-Paddock County Lea
Kind of Lease Federal Location of Tanks SW 1 Sec. 17
Transporter Murchison-Closuit Address of Transporter Artesia, N. Mexico
San Antonio, Texas (Local or Field Office)
Percent of oil to be transported 100. Other transporters author-
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 percentage 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 25th day of August, 1950.

Buffalo Oil Company
(Company, or Operator)
By [Signature]
Title Vice President

State of NEW MEXICO
County of EDDY

Before me, the undersigned authority, on this day personally appeared H. G. Ellis 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 25th day of August, 1950
Lela Elbert

Notary Public in and for Eddy County, New Mexico

Approved: 8-28 1950
OIL CONSERVATION COMMISSION

My Commission Expires:
Oct. 8, 1950

By [Signature]
Engineer District 1

(See Instruction 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.

RECEIVED
AUG 28 1950
DEPARTMENT OF
OIL CONSERVATION COMMISSION
HOBBS OFFICE
DEC 1950

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NATION COMMISSION
BBS-OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEEPENING ✓
LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Buffalo Oil Company Address Artesia, New Mexico
 Lessor or Tract Wm. Mitchell E Field Maljamar-Paddock State New Mexico
 Well No. 19-P Sec. 17 T. 17S R. 32E Meridian NMPM County Lea
 Location 330 ft. N. of 3. Line and 1980 ft. EX of E Line of Sec. 17 Elevation 4022
(Depth from 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 August 25, 1950 Signed A. Kallis
Title Vice President

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

Commenced drilling July 24, 1950 Finished drilling August 20, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>5374</u> to <u>5386</u>	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		Purpose
							From—	To—	
00 15-57	15-57	15-57	15-57	1637	Float				CUT LINE

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size -----

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 4160 feet to 5386 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 185 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. _____

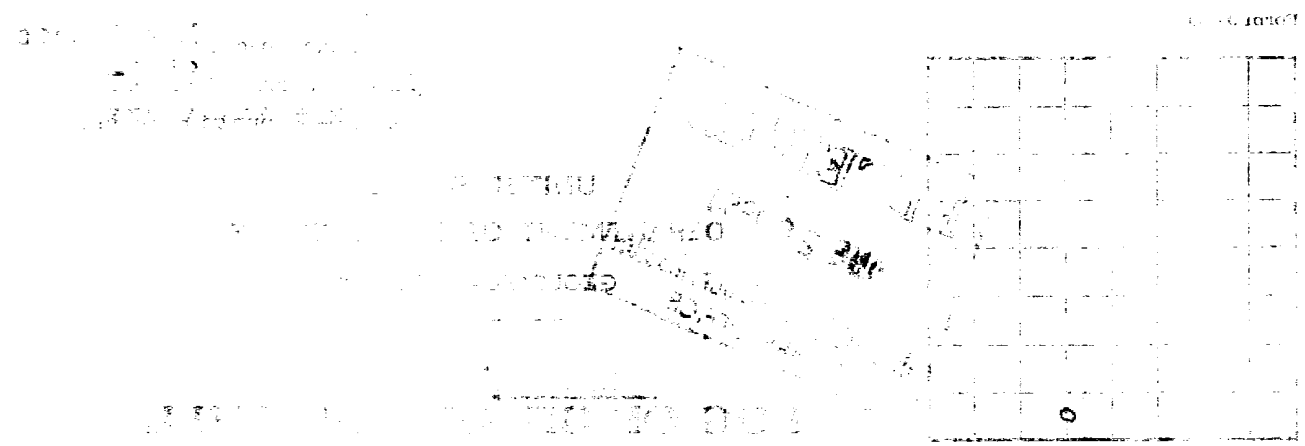
EMPLOYEES

Clay & Backle Contracting Co	Driller		Driller
Ray Coleman	Driller	J. L. Edwards	Driller
		Buchanan	Driller

FORMATION RECORD • Buchanan[illegible]

(OVER)

16-43094-2



LOG - LITHOLOGICAL CORRELATION
Geologic formation
Well No. 1
Location
The information given here is a complete and correct record of the well as it was drilled and completed. It is to be used for the purpose of determining the geologic formation and the character of the rock and the nature of the fluid which it contains. It is to be used for the purpose of determining the geologic formation and the character of the rock and the nature of the fluid which it contains.

This old Maljamar pool well was deepened to the Paddock zone and completed natural. On test August 25, 1950, it flowed 2.7 bbls. oil per hour on 7/64" choke, casing pressure 240 psi, and tubing pressure 440 psi.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
5330-55'	5330-55'	Recovered 25'	dolomite with some sand. Slight traces of stain.
5355-76'	5355-76'	Recovered 21'	dolomite, last 2' very porous & stained.
5376-85'	5376-85'	Recovered 9'	very porous-crumbly dolomite.
5370-85'	5370-85'	Tool open 4 hrs. Gas to surface in 1 min. Oil to surface in 15 min. On 3 hr. test into tank flowed 35 bbls. oil first hour, 32 bbls. second hr. and 30 bbls. third hr. F.P. 250 psi. 15 min. SIP 1800 psi.	
FORMATION RECORD			
EMPLOYEES			
DATES			
TOOLS USED			
SHOOTING RECORD			
PUMP AND ADAPTORS			
LOG - LITHOLOGICAL CORRELATION			

RECEIVED

AUG 7 1950

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
REQUEST FOR ALLOWABLE

MISSION	B	A
E	F	G
L	K	J
M	N	P

☒ Oil Well
☐ Gas Well
☐ Workover Well

Place Artesia, New Mexico
Date Aug. 25, 1950
Designate UNIT well is located in _____

POOL Maljamar-Paddock

Re-completion

NOTICE OF COMPLETION OF: (Lease) Wm. Mitchell Well No. 19-2
330 Feet from South Line 1980 Feet from East Line;
Section 17 Township 17S Range 32E

DATE STARTED July 24, 1950 DATE COMPLETED August 25, 1950
ELEVATION 4022 S.F. (rotary) TOTAL DEPTH 5386
CABLE TOOLS _____ ROTARY TOOLS X
PERFORATIONS DEPTH _____ OR OPEN HOLE DEPTH 5365-86

CASING RECORD

SIZE <u>5" OD Liner</u>	DEPTH SET <u>3752-5365</u>	SAX CEMENT <u>245</u>
SIZE _____	DEPTH SET _____	SAX CEMENT _____
SIZE _____	DEPTH SET _____	SAX CEMENT _____

TUBING RECORD

SIZE 2" DEPTH 5369

ACID RECORD

NO. GALS. _____
NO. GALS. _____
NO. GALS. _____

SHOT RECORD

NO. QTS. _____
NO. QTS. _____
NO. QTS. _____

FORMATION TOPS

P. Anhydrite _____	T. Grayburg _____	T. Miss. _____
P. Salt _____	T. San Andres _____	T. Dev. _____
P. Salt _____	T. Glorieta <u>5300</u>	T. Sil. _____
P. Yates _____	T. Drinkard _____	T. Ord. _____
P. Seven Rivers _____	T. Wolfcamp _____	T. Granite Wash _____
P. Queen _____	T. Penn. _____	T. Granite _____

TOP OF OIL OR GAS PAY 5374 WATER _____

Natural Production Test 7.7 bbls oil/hr Pumping _____ Flowing X
Test after acid or shot _____

Initial Gas Volume Not yet measured

DATE first oil run to tanks or gas to pipe line August 25, 1950

PIPE LINE TAKING OIL Marchison-Closeit

REMARKS: Old well deepened COMPANY Buffalo Oil Company

from Maljamar Pool to
Maljamar-Paddock SIGNED BY J. Lewis
Vice President

OIL CONSERVATION COMMISSION

BY: R. J. [Signature]

APPROVED

Engineer District 1

AUG 22 1950