



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY
Ernest A. Hanson, individually, and M. A. Waters, Jr.,
and N. R. Williamson, a partnership
(Company or Operator)
Levick State D
(Lease)
Well No. 1, in SW 1/4 of NE 1/4, of Sec. 15, T. 11, R. 27, NMPM.
Undesignated Coyote Creek Pool, Chaves County.
Well is 1650 feet from North line and 1650 feet from East line
of Section 15. If State Land the Oil and Gas Lease No. is E-8732
Drilling Commenced 6-30, 19 59. Drilling was Completed 7-2, 19 59
Name of Drilling Contractor Waters Drilling Company, Inc.
Address Box 144, Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 3706KB
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 883 to 886 No. 4, from 931 to 954
No. 2, from 893 to 906 No. 5, from to
No. 3, from 915 to 928 No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from none to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
4 1/2	9 1/2	new	964	Float shoe		883-886 893-906 915-928 931-954	Prod. String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
6 1/2	4 1/2	964	100	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Fracced with 700 Bbls. of oil and 150,000 lbs. of sand
Result of Production Stimulation Well potentialled for 41 BOPD after treatment
Depth Cleaned Out

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 00 feet to 964 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 7-2-59, 19 59
OIL WELL: The production during the first 24 hours was 38 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.
GAS WELL: The production during the first 24 hours was none M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.		T. Devonian	
T. Salt		T. Silurian	
B. Salt		T. Montoya	
T. Yates	120	T. Simpson	
T. 7 Rivers	450	T. McKee	
T. Queen	780	T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres		T. Granite	
T. Glorieta		T.	
T. Drinkard		T.	
T. Tubbs		T.	
T. Abo		T.	
T. Penn		T.	
T. Miss		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
40	212	172	Red Bed, Gyp & Anhy.				
212	297	85	Red Bed, Gyp. & Anhy.				
297	540	143	Red Bed, Gyp. & Anhy.				
540	838	294	Red Bed, Gyp, Anhy Salt				
838	875	37	Red Bed, Gyp & Anhy.				
875	906	31	Red Bed, Gyp & Anhy.				
906	925	19	Queen Sand				
925	955	30	Queen Sand				
955	959	4	Queen Sand				
959	965	6	Anhy.				

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

By: Charles H. Hays

Director

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ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Ernest A. Hanson, individually,

Box 144, Artesia, New Mexico

and M.A. Waters, Jr., and M.R. Williamson,

Agent

a partnership

8-12-59

(Date)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Artesia, New Mexico 8-5-59
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Ernest A. Hanson, individually, and M. A. Waters, Jr., and N. R. Williamson, a partnership, Leveik State D., Well No. 1, in SW 1/4 NE 1/4,
(Company or Operator) (Lease)

G ✓, Sec. 15, T. 11, R. 27, NMPM, Undesignated, Queen's Crown Pool
Unit Letter

Chaves

County. Date Spudded. 6-30-59 Date Drilling Completed 7-2-59

Please indicate location:

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

Elevation 3706.0 Total Depth 964 PBD 964

Top Oil/Gas Pay 883 Name of Prod. Form. Queen Sand

PRODUCING INTERVAL -

Perforations 883-886 893-906 915-928 931-954

Open Hole none Depth Casing Shoe 964 Depth Tubing 830

OIL WELL TEST -

Natural Prod. Test: none bbls. oil, none bbls water in hrs, min. Choke Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 38 bbls. oil, 0 bbls water in 24 hrs, min. Choke Size 4"

GAS WELL TEST -

Natural Prod. Test: TSTM MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 700 Bbls. of oil and 150,000 lbs. of sand

Casing Tubing Date first new Press. 160 55 oil run to tanks 7-28-59

Oil Transporter Cactus Petroleum Company, Inc.

Gas Transporter

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: AUG 14 1959, 19 Ernest A. Hanson, individually, and M. A. Waters, Jr., and N. R. Williamson, a partnership,
(Company or Operator)

OIL CONSERVATION COMMISSION

By: (Signature)
(Signature)

By: M. A. Gussett

Title: Agent
Send Communications regarding well to:

Title:

Name: Waters & Williamson

Address: Box 144, Artesia, New Mexico.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Ernest A. Hanson, individually, and M.A. Waters, Jr.,

Company or Operator and N.R. Williamson, a partnership Lease Levick State D

Well No. 1 Unit Letter G S 15 T 11 R 27 Pool Undesignated Santa Chaves

County Chaves Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit G S 15 T 11 R 27

Authorized Transporter of Oil or Condensate Cactus Petroleum Company, Inc.

Address Midland, Texas
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas None
Address _____
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:
Not enough gas to justify gathering system.

Reasons for Filing: (Please check proper box) New Well (X)

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: _____
(Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 7th day of August 19 59

Approved AUG 14 1959 19

OIL CONSERVATION COMMISSION

By W. A. Gusscott
Title OIL AND GAS INSPECTOR

By Marie Powell

Agent
Title Ernest A. Hanson, individually, and M.A. Waters, Jr.
Company and N.R. Williamson, a partnership

Address Box 144, Artesia, New Mexico

ARMY DUTY OFFICE

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

At 12

PROF. DR. J. J. VAN DER WOUDE

STATE : _____

U. S. G. S.

NAME: _____

FILE

BUREAU OF TAXES