



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

John B. Castle and H. Bruce Wiggall Gulf-State
(Company or Operator) (Lease)
Well No. 2, in NE 1/4 of NW 1/4, of Sec. 22, T. 17, R. 28, NMPM.
Red Lake Pool, Eddy County.
Well is 330 feet from North line and 2310 feet from West line
of Section 22. If State Land the Oil and Gas Lease No. is B-1969.
Drilling Commenced May 16, 1959 Drilling was Completed July 3, 1959
Name of Drilling Contractor Bowen Drilling Co.
Address Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 3550'. The information given is to be kept confidential until
, 19.

OIL SANDS OR ZONES

No. 1, from 755 to 765 No. 4, from 1986 to 2000
No. 2, from 1480 to 1500 No. 5, from to
No. 3, from 1962 to 1970 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 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
8 5/8	28#	Used	497	Float			Surface
4 1/2	9.5#	New	2015	Float		1962-70, 1986-2000	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 5/8	497	50	Pump		
8"	4 1/2	2015	140	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

Acid 500 gals., free with 21,000 gal. crude and 43,000# sand.
Interval treated from 1962-70 and 1986-2000.
Result of Production Stimulation Pump 42 bbls. oil per day
Depth Cleaned Out.

RD OF DRILL-STEM AND SPECIAL TEST.

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

PRODUCTION

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....

GAS WELL: The production during the first 24 hours was.....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. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	450	450	Brkn. shale				
450	1235	785	Anhy. and dol.				
1235	1275	40	Sand				
1275	1380	105	Anhy. and shale				
1380	1475	95	Anhy and dol.				
1475	1520	45	Sand				
1520	1635	115	Anhy, and Sand				
1635	1675	40	Anhy and Dol.				
1675	1962	287	Dol.				
1962	2000	38	Dol. and sand				
2000	2015	15	Dol.				

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.

Company or Operator.....
Name.....
Address.....
Position or Title.....

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.

Midland, Texas

October 14, 1959

(Place)

(Date)

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

John B. Castle & H. Brace Wiggall Gulf-State, Well No. 2, in NE 1/4 NW 1/4,

(Company or Operator)

(Lease)

G

22

T

17 S

R

28 E

NMPM,

Red Lake

Pool

Unit Letter

Eddy

County. Date Spudded 5-16-59

Date Drilling Completed 7-3-59

Please indicate location:

Elevation 3550 Total Depth 2015 PETD

Top Oil/Gas Pay 1962 Name of Prod. Form. Grayburg

PRODUCING INTERVAL -

Perforations 1962-70, 1986-2000

Open Hole None Depth Casing Shoe 2015 Depth Tubing 1950

OIL WELL TEST -

Natural Prod. Test: 5 gal. bbls. oil, 0 bbls water in 1 hrs, min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of

load oil used): 42 bbls. oil, 0 bbls water in 24 hrs, min. Size PUMP

GAS WELL TEST -

Natural Prod. Test: - 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): 21,000 gal oil, 42,000# sand, 40 rubber balls.

Casing Tubing Date first new oil run to tanks October 12, 1959

Oil Transporter Cactus Petroleum, Inc.

Gas Transporter

Remarks:

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

Approved: October 14, 1959 NOV 2, 1959

Castle and Wiggall

(Company or Operator)

By: H. Brace Wiggall

(Signature)

Partner

Title

Send Communications regarding well to:

Name Castle and Wiggall

Address P. O. Box 868, Midland, Texas

OIL CONSERVATION COMMISSION

By: B. L. Starnes

OIL AND GAS INSPECTOR

Title

No. Copies Received

No. Copies Received

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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

NOV 2 1959

Company or Operator John B. Castle & H. Brace Wiggzell Lease Gulf-State

Well No. 2 Unit Letter C S 22 T 17 S R 28 E Pool Red Lake

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

If well produces oil or condensate, give location of tanks: Unit B S 22 T 17 R 28

Authorized Transporter of Oil or Condensate Cactus Petroleum, Inc.

Address P. O. Box 634, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas _____

Address _____ Date Connected _____

(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:

No market, small amount of gas vented.

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 14 day of October 1959

By H. Brace Wiggzell

Title Partner

Company Castle and Wiggzell

Address P. O. Box 868

Midland, Texas

Approved NOV 2 1959 1959

OIL CONSERVATION COMMISSION

By R. L. Stanet

Title OIL AND GAS INSPECTOR

[illegible]

Mo. Const. Received

Activity 10

[illegible]

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1. *Chlorophyll *a** and *Chlorophyll *b** were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer.

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