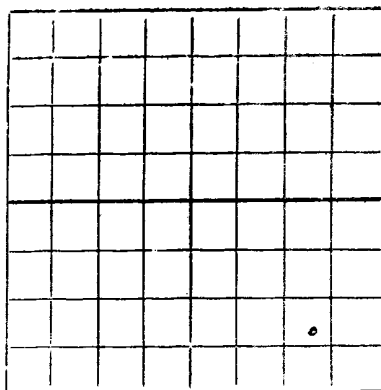


NEW MEXICO OIL CONSERVATION COMMISSION

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

O. A. Peters

State

(Company or Operator)

(Lease)

Well No. 1-X, in SE 1/4 of SE 1/4, of Sec. 2, T. 1 N, R. 20E, NMPM.

Wildcat

Pool,

De Baca

County.

Well is 860 feet from South line and 860 feet from East line

of Section 2. If State Land the Oil and Gas Lease No. is 1787

Drilling Commenced April 27, 1963 Drilling was Completed F & A September 6, 1963

Name of Drilling Contractor Tom Boyd Drilling Co., Inc.

Address 510 West Texas Avenue, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 4945' The information given is to be kept confidential until September 6, 1963

OIL SANDS OR ZONES

No. 1, from None to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to 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 737 to 741 feet. Water rose 20' in hole

No. 2, from 2805 to 2817 feet. could not bail

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
15"	45#	used	12'	None	cemented	none	conductor joint
10-3/4"	38#	new & used	1110'	Tex. Pattern	787.60'	none	water & cave string
8-5/8"	28#	used	1566'	Tex. Pattern	1566	none	cave string
7"	20#	new & used	2976'	Tex. Pattern	2438.10	none	water 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
18"	15"	12'	12	dumped	--	none
12 1/2"	10-3/4"	1110'	none	"	--	24 sacks
10"	8-5/8"	1566'	none	"	--	25 sacks
8"	7"	2976'	50	Denton Cementer		10 sacks

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

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NOV 13 1963
O. C. B.
ARTESIA, OFFICE

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

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....0.....feet to.....4597'.....feet, and from.....feet to.....feet.

Put to Producing P & A 9/6, 19 63

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):

Northwestern New Mexico

T. Anhy.....	185'	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.....	770'	T. Granite.....	4567'
T. Glorieta.....		T.	T. Dakota.....
T. Drinkard.....		T.	T. Morrison.....
T. Tubbs.....		T.	T. Penn.....
T. Abo.....	2665'	T.	T.
T. Penn.....	3650'	T.	T.
T. Miss.....		T.	T.

Only Tops Available

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
NOTE: Sample Descriptions attached: Sample Descriptions by Shell Oil Co. Geologist							

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.....O. A. Peters

Address 510 W. Texas Ave., Artesia, N. M. (Date)

Name Tom Boyd, Agent

Title Agent

O. A. PETERS (BUCHANAN DOME OIL CO.)

STATE NO. 1-X

860' FSL & 860' FEL OF

SEC. 2, T-1-N, R-20-E

DE BACA COUNTY, NEW MEXICO

ELEV. 4945' EST.

Lithologic Description

0-185	Red v. f. sandstone
185-210	Wht. anhydrite
210-250	Brn. dolomite
250-320	Gray anhydrite
320-405	Brn. dolomite
405-465	Wht. anhydrite
465-500	Brn. dolomite
500-600	Mixture of wht. anhydrite and brn. anhydrite.
600-650	Brn. dolomite - scatt. shows of dead oil.
650-695	Interbedded ss. and dolomite
695-770	Brn. dolomite--show dead oil
770-1160	White sandstone interbedded with thin dolomite stringers
1160-1420	Interbedded salt, dolomite, siltstone, sandstone, shale, and anhydrite.
1420-1520	Red siltstone
1520-1540	Gray anhydrite
1540-1600	Red silt
1600-1620	Tan dolomite
1620-1690	Gray silt
1690-1755	Brn. dolomite
1755-2110	Red silt with thin stringers of shale, salt and anhydrite.
2110-2130	Salt
2130-2155	Anhydrite, dolomite and siltstone
2155-2200	Red siltstone
2200-2370	Brn. dolomite and wht. anhydrite with stringers of siltstone.
2370-2405	Salt
2405-2630	Red and gray siltstone
2630-2700	Red and green siltstone
2700-3080	Red siltstone and shale with stringers of v. f. sandstone.
3080-3135	Red shale
3135-3360	Red shale interbedded with red siltstone.
3360-3970	Granite wash sandstone interbedded with red shale and siltstone.
3970-4070	Gray limestone with stringers of sandstone.
4070-4170	Granite wash sandstone.
4170-4350	Red, gray and green shale interbedded with thin gray limestone stringers.
4350-4559	Red, gray and gray-green shale interbedded with granite wash sandstone.
4559-4597	Basement.

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NOV 13 1963
O. C. C.
ARTES: A. OFFICE

OIL CONSERVATION COMMISSION		
ARIZONA DISTRICT OFFICE		
Date Recd. Forwarded <i>1/1</i>		
DISTRIBUTION		
	NO. FURNISHED	
CANADA	<i>1</i>	
MEXICO	<i>1</i>	
DIST. DIVISION OFFICE		
STATE DIVISION OFFICE	<i>1</i>	
U. S. G. S.	<i>2</i>	
TRANSFER		
FILE	<i>1</i>	<i>-</i>
BUREAU OF MINES	<i>1</i>	