



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.

AREA 640 ACRES
LOCATE WELL CORRECTLYDonnelly Drilling Co., Inc.
(Company or Operator)State A
(Lease)

Well No. 3, in Sec. 1/4 of NW 1/4, of Sec. 2, T. 18-S, R. 28-E, NMPM.

Artesia

Pool,

Eddy

County.

Well is 1650 feet from North line and 900 feet from West line

of Section 2. If State Land the Oil and Gas Lease No. is E-1285

Drilling Commenced January 13, 1959. Drilling was Completed February 14, 1959

Name of Drilling Contractor Donnelly Drilling Company, Inc.

Address P.O. Box 435, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3642 The information given is to be kept confidential until

not confidential, 19

OIL SANDS OR ZONES

No. 1, from 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 285 to 318 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#	S.	477	Reg.			Shut off Water
5 1/2"	14#	New	2659	Reg.		2225-29	Oil String
						2471-75	
						2500-06	
						2632-36	

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"	477	No	Pump		25
8"	5 1/2"	2659	100	Pump		100

RECORD OF PRODUCTION AND STIMULATION

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

Sand Fraced w/48,000# 20-40 Sand, 23,000 gals. Lease Oil w/1300# Adomite.
Treatment was three (3) staged. 16 Rubber balls shot at one time and 16
another. Break down pressure 1550#. Average injection rate 3# sand to the
gal.

Result of Production Stimulation Well came 27 bbls. in 24 hours

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 0 feet to 2662 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 3, 1959

OIL WELL: The production during the first 24 hours was 27 barrels of liquid of which 100% was oil; -0-% was emulsion; -0-% water; and -0-% was sediment. A.P.I. Gravity 36

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. 460	T. Devonian	T. Ojo Alamo	
T. Salt 488	T. Silurian	T. Kirtland-Fruitland	
B. Salt 605	T. Montoya	T. Farmington	
T. Yates	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen 1825	T. Ellenburger	T. Point Lookout	
T. Grayburg 2218	T. Gr. Wash	T. Mancos	
T. San Andres 2525	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
0	20	20	Caliche	2375	2383	8	Lime
20	460	440	Shale & Sand	2383	2392	9	Sandy Lime
460	480	20	Anhydrite	2392	2471	79	Lime
480	288	8	Red Shale	2471	2481	10	Sandy Lime
488	540	52	Salt	2481	2486	5	Sandy Lime & Pink Lime
540	590	50	Anhydrite & Shale	2486	2507	21	Sand
590	605	15	Salt	2507	2577	70	Lime
605	1415	810	Anhydrite	2577	2589	12	Grey Lime
1415	1433	18	Broken Sand	2589	2635	46	Lime
1433	2127	694	Anhydrite	2635	2650	15	Sand
2127	2160	33	Lime	2650	2662	12	Lime
2160	2175	15	Anhydrite				
2175	2215	40	Dolomite				
2215	2223	8	Lime				
2223	2230	7	Sandy Lime				
2230	2240	10	Broken Brown Lime				
2240	2254	14	Dolomite				
2254	2283	29	Lime				
2283	2296	13	Dolomite				
2296	2346	50	Lime				
2346	2351	5	Sand				
2351	2356	5	Lime				
2356	2368	12	Grey Lime				
2368	2375	7	Sandy Lime				

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.

March 20, 1959 (Date)

Company or Operator Donnelly Drilling Co., Inc. Address P.O. Box 433, Artesia, New Mexico
Name J. M. Donnelly Position or Title President

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 March 20, 1959
(Place) (Date)

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

Donnelly Drilling Co., Inc. Well No. 3, in SW 1/4 NW 1/4,
(Company or Operator) (Lease)

E 2 T. 18-S R. 28-S, NMPM., Artesia Pool
Unit Letter

County Date Spudded Jan. 13/1/59 Date Drilling Completed Feb. 14, 1959

Please indicate location:

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

Elevation 3642 Total Depth 2662 PBTD 2653

Top Oil/Gas Pay 2225-2636 Name of Prod. Form 68 Lovington

PRODUCING INTERVAL -

Perforations 2225-26 2471-75 2501-06 2612-36

Open Hole Cemented Depth Casing Shoe 2659 Depth Tubing 2575

OIL WELL TEST -

Natural Prod. Test: 4 bbls. oil, No bbls water in 24 hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 27 bbls. oil, No bbls water in 24 hrs, min. Size Choke None

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): 23,000 gal. Leas Oil-13000 Adonite-48,000 20.40 sand

Casing Tubing Date first new Press. 150 50 oil run to tanks March 3, 1959

Oil Transporter Galco Refineries, Inc.

Gas Transporter

Remarks: Several casing ble trouble with no sand coming back and filling up hole for at one time to had 123 feet in hole. Had oil recovery was accomplished by swabbing tubing. Potential test was done by pumping.

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

Approved: Donnelly Drilling Company, Inc.
(Company or Operator)

OIL CONSERVATION COMMISSION

By: W. A. Gressett (Signature)

Title: President

Title: Send Communications regarding well to:

Name: Donnelly Drilling Co., Inc.

Address: 123, 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

Company or Operator Donnelly Drilling Co., Inc. Lease State "A"

Well No. 3 Unit Letter C S 2 T 18 R 28 Pool Artesia

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

If well produces oil or condensate, give location of tanks: Unit L S 2 T 18 R 28

Authorized Transporter of Oil or Condensate Artesia Refinery

Address P.O. Box 433, Artesia, New Mexico

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

Authorized Transporter of Gas No market

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:

Very little gas which is vented to air through storage tanks

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 20th day of March 19 59

By J. H. Donnelly

Approved _____ 19 _____

Title President

OIL CONSERVATION COMMISSION

Company Donnelly Drilling Co., Inc.

By W. A. Gullett

Address P.O. Box 433, Artesia, New

Title _____

Mexico