

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

R. D. Collier (Company or Operator) Conwell State (Lease)
Well No. 1, in NW 1/4 of SW 1/4, of Sec. 32, T. 17 S, R. 29 E, NMPM.
Grayburg-Jackson Pool, Eddy County.
Well is 2310 feet from south line and 990 feet from west line
of Section 32. If State Land the Oil and Gas Lease No. is B-4918
Drilling Commenced 2-7, 1958 Drilling was Completed 3-5, 1958
Name of Drilling Contractor Company Tools
Address P.O. Box 462, Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 3593 The information given is to be kept confidential until
, 19.

OIL SANDS OR ZONES

No. 1, from 2532 to 2540 No. 4, from to
No. 2, from 2690 to 2702 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 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
8 5/8		used	320				surface
4 1/2	9.5	new	2727			2690-2702	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	320	150	Denton		
8 1/4	4 1/2	2727	100	Denton		

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 43 holes 2690-2702, fracs'd w/10,000 gal oil, 10,000 # sand
Result of Production Stimulation
Depth Cleaned Out

ORD OF DRILL-STEM AND SPECIAL TE

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 Surf feet to 2727 feet, and from feet to feet.

PRODUCTION

Put to Producing April 8, 1958

OIL WELL: The production during the first 24 hours was 26 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 34°

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 <u>310</u>	T. Silurian	T. Kirtland-Fruitland
B. Salt <u>725</u>	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen <u>1804</u>	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres <u>2708</u>	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
1500	95		dol. & anhy	<div>OIL CONSERVATION COMMISSION ARTESIA DISTRICT OFFICE No. Copies Received <u>6</u> DISTRIBUTION Operator _____ Santa Fe _____ Production Office _____ Stamp and Charge _____ U.S.C. _____ Transportation _____ File <u>Bm</u> <u>1</u> ✓</div>			
1595	1605		anhy				
1605	35		dol. & anhy				
	70		red bed				
1670	1895		anhy				
1895	1930		red sd.				
1930	2080		anhy				
2080	2105		sand				
2105	75		anhy				
	95		sand				
2195	2280		anhy & sd.				
2280	2532		dol.				
	40		sand				
2540	2670		dol.				
2670	2690		sd. & sh.				
2690	2708		sand				
2708	2727		dol. TD.				

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 R.D. Collier
Name E.B. Nester

4-8-58
Address Box 462, Artesia, N.M. (Date)
Position or Title Geologist

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 4-8-58
(Place) (Date)

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

R. D. Collier Cowell State, Well No. 1, in NW $\frac{1}{4}$ SW $\frac{1}{4}$,
(Company or Operator) (Lease)

L Sec. 32, T. 17 S, R. 29 E, NMPM, Grayburg-Jackson Pool
Unit Letter

Eddy County. Date Spudded 2-7-58 Date Drilling Completed 3-5-58
Elevation 3593 Total Depth 2727 PBD 2719

Please indicate location:

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

Top Oil/Gas Pay 2690 Name of Prod. Form. Premier

PRODUCING INTERVAL -

Perforations 2690-2702 48 holes
Open Hole Depth Casing Shoe 2727 Tubing 2600

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____ Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke
load oil used): 26 bbls. oil, 0 bbls water in 24 hrs, _____ min. Size 3/4"

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): 15,000 gal oil; 15,000 sand

Casing * Tubing Date first new

Press. * Press. 185 oil run to tanks 4-8-58

Oil Transporter Texas-New Mexico Pipeline Co

Gas Transporter _____

Tubing, Casing and Cementing Record

Size	Feet	Sax
<u>8 5/8"</u>	<u>320</u>	<u>150</u>
<u>4 1/2"</u>	<u>2727</u>	<u>100</u>

Remarks: GOR TSTM

(* packer at 2000 feet)

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

Approved APR 9 1958, 19

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title Oil and Gas Inspector

R. D. Collier
(Company or Operator)

By: E. B. Nester
(Signature)

Title Geologist
Send Communications regarding well to:

Name R. D. Collier

Address P.O. 462, Artesia, N.M.

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies Received		5
DISTRIBUTION		
Operator	2	
Secretary	1	
Proration	1	
State Land	1	
U. S. Land		
Tr. & Engr.		
File	1	✓

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 R. D. Collier Lease Cowell-State

Well No. 1 Unit Letter L S 32 T 17 R 29 Pool Grayburg-Jackson

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

If well produces oil or condensate, give location of tanks: Unit L S 32 T 17 R 29

Authorized Transporter of Oil or Condensate Texas-New Mexico Pipeline Co.

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

Authorized Transporter of Gas -----

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:

Too small amount, wanted - no market

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

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 8 day of April 19 58

Approved APR 9 1958 19

By E. B. Denton

Title Geologist

OIL CONSERVATION COMMISSION

Company R. D. Collier

By M. L. Armstrong

Address P.O. 462, Artesia, N.M.

Title OIL AND GAS INSPECTOR

No. Copies Received

LECTRIC JUNK

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY R. D. Collier, Box 462, Artesia, New Mexico
(Address)

LEASE Cowell-State WELL NO. 1 UNIT 1 S 32 T 17 R 29
DATE WORK PERFORMED 2-13-58 POOL Grayburg-Jackson

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☐ Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

Set 320' of 8 5/8" used casing from surface, cemented with 150 sacks by pump. Drilled plug after 72 hrs, bailer test indicated no water in hole.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

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

Name M. L. Armstrong
Title OIL AND GAS INSPECTOR
Date APR 9 1958

Name E. B. Senter
Position Geologist
Company R. D. Collier

OIL CONSERVATION COMMISSION	
ARTESIA DISTRICT OFFICE	
No. Copies Received	7
DISTRIBUTION	
Operator	2
Sanity Co.	1
Production Dept.	
Other	

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY R. D. Collier, Box 462, Artesia, New Mexico
(Address)

LEASE Cowell-State WELL NO. 1 UNIT L S 32 T 17 R 29

DATE WORK PERFORMED 3-2-58 POOL Grayburg-Jackson

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☐ Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

Set 2727' of 4 1/2" 9 1/2# new casing from surface. Cemented with 100 sacks by pump. Pumped plug down to 2719 (float collar). Didn't drill plug. Bailer test after 72 hours indicated no fluid in hole. Perforated 4 shot/foot 2690' to 2702' for production

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

BEFORE

AFTER

Date of Test

Oil Production, bbls. per day

Gas Production, Mcf per day

Water Production, bbls. per day

Gas-Oil Ratio, cu. ft. per bbl.

Gas Well Potential, Mcf per day

Witnessed by _____

(Company)

OIL CONSERVATION COMMISSION

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

Name M. L. Armstrong

Name E. B. Denton

Title OIL AND GAS INSPECTOR

Position Geologist

Date APR 9 1958

Company R. D. Collier

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies Received	4	
DISTRIBUTION		
Operator	2	
Santa Fe	1	
Proration		
State Land Office		
U. S. O. S.		
Trans.		