

CORD OF DRILL-STEM AND SPECIAL TR

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 2676 T.D. feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

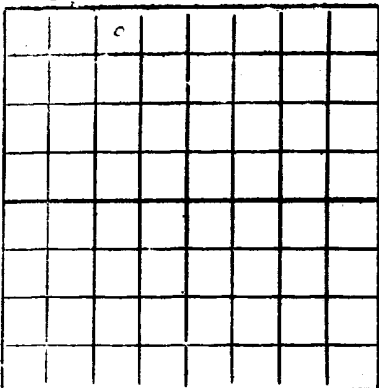
Put to Producing 3-21 1957
OIL WELL: The production during the first 24 hours was 35 barrels of liquid of which 100 % was
 was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
 Gravity 37
GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels 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.....	1635	T. McKee.....	T. Menefee.....
T. Queen.....		T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	2527	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T. Lovington Sand.....	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	Formation	From	To	Formation
Well Log on Curtis State # 3					
0	15	Caliche	2486	2492	Red Sand
15	20	Sand	2492	2497	Pink Sandy Lime
20	65	Red Bed	2497	2503	Pink Lime
65	95	Sand & Gravel	2503	2516	Red & Gyp Sand (Show of Oil 2500-2510)
95	140	Red Bed	2516	2520	Lime-red
140	205	Sand, Gravel & Shale	2520	2527	Sand (11hr. test 10 gal. oil)
205	285	Red Bed	2527	2533	White Lime
285	300	Gravel (Water at 295)	2533	2550	White Lime
300	320	Anhy	2550	2567	Gray Lime
320	340	Red Bed	2567	2582	Pink Lime
340	400	Anhy	2582	2587	White Broken Lime
400	435	Red Bed	2587	2612	Brown Lime
435	445	Gravel	2612	2634	Gray Lime
445	505	Red Bed & Anhy	2634	2645	Broken Gray Lime
505	525	Red Bed & Broken Anhy	2645	2676	Gray Lime
525	715	Anhy	Total Depth 2539		
715	815	Anhy & Red Bed			
815	860	Anhy & Red			
860	1020	Anhy & Red Bed			
1020	1060	Anhy			
1060	1100	Anhy & Brown Lime			
1100	1140	Anhy & Gyp			
1140	1610	Anhy			
1610	1647	Anhy & Red Bed			
1647	1670	Red Sand (Show of gas 1660-1665)			
1670	1680	Anhy			
1680	1693	Broken Anhy			
1693	1700	Broken Lime			
1700	1710	Broken Anhy			
1710	1750	Anhy & Red Bed (Increase in gas 1712-1727)			
1750	1825	Anhy			
1825	1837	Gray Lime			
1837	1853	Red Sand			
1853	1865	Anhy			
1865	1900	Anhy & Red Bed			
1900	1930	Broken Anhy -Sandy			
1930	1950	Gray Sand			
1950	1970	Broken Anhy			
1970	1985	Anhy & Red Shale			
1985	1993	Anhy			
1993	2000	Gray Sand			
2000	2025	Broken Anhy-Sandy			
2025	2035	Pink Lime			
2035	2075	Pink Sandy Lime			
2075	2085	Broken Anhy & Lime			
2085	2095	Brown Lime			
2095	2106	Red Sand			
2106	2120	Pink Lime			
2120	2130	Broken Anhy			
2130	2164	Gray Lime			
2164	2201	Brown Lime			
2201	2214	Gray Lime			
2214	2273	Brown Lime			
2273	2304	Gray Lime			
2304	2327	Gray Sandy Lime			
2327	2333	Gray Lime			
2333	2350	Brown Lime			
2350	2360	Gray Sand			
2360	2373	Brown Lime			
2373	2376	Gray Sand			
2376	2389	Gray Lime			
2389	2399	Red & Gray Sand			
2399	2405	Gray Lime			
2405	2420	Brown Lime			
2420	2427	Gray Sand			
2427	2430	Brown Lime			
2430	2440	Gray Sandy Lime			
2440	2476	Brown Lime			
2476	2483	Gray Sand-Show of oil			
2483	2486	Gray Sandy Lime			
2486					



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

Ralph Mix & Jerry Curtis
(Company or Operator)

Curtis-State
(Lease)

Well No. 3, in NE 1/4 of NW 1/4, of Sec. 2, T. 18N, R. 26E, NMPM.
Artesia Pool, Eddy County.

Well is 330 feet from North line and 1650 feet from West line
of Section 2. If State Land the Oil and Gas Lease No. is E-6946

Drilling Commenced 1-26, 1957 Drilling was Completed 2-27, 1957

Name of Drilling Contractor Beach & Shepard
Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3659 The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2475 to 2510 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 295 to 300 feet Hole full
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	20 lb	used	550	Regular			Set Surface String
5 1/2	15 lb	new	2570	Float			Production 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
10"	8 5/8	390	40	Denton Cement Co		None
8"	5 1/2	2570	70	" " "		None

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 32 shots 2475-2510, and Fracked with 15,000 gal lease crude & 15,000 lb sand. Then
Perf. 40 shots 2500-2510, ran rubber balls and Fracked with 11,000 gal lease crude and 11,000 lb. sand.

Result of Production Stimulation If after recovering load oil 55 BOPD

Depth Cleaned Out 2532

1
1
2
1
1
7

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Artesia, New Mexico

3-21-57

(Place)

(Date)

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

Ralph Nix & Jerry Curtis

Curtis

, Well No. 3, in NE 1/4 NW 1/4,

(Company or Operator)

(Lease)

C

Sec. 2

T. 18S

R. 28S

NMPM,

Artesia

Pool

Unit Letter

Eddy

County. Date Spudded. 1-26-57

Date Completed. 2-26-57

Please indicate location:

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

Elevation 3659 Total Depth 2676 P.B. 2570

Top oil/gas pay 2475-2510 Name of Prod. Form Grayburg

Casing Perforations: 2476-84 & 2500-2510 or

Depth to Casing shoe of Prod. String 2570

Natural Prod. Test 1 gal hr. BOPD

based on 10 hr. test 55 Oil in Hrs. Mins.

Test after acid or shot 55 BOPD

Based on 55 bbls. Oil in 24 Hrs. 0 Mins.

Gas Well Potential

Size choke in inches 8/64

Date first oil run to tanks or gas to Transmission system: 3-21-57

Transporter taking Oil or Gas: Malco Pipe Line Co. Artesia Pipe Line Co.

Casing and Cementing Record

Size Feet Sax

Remarks:

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

Approved. MAR 22 1957, 19

Ralph Nix & Jerry Curtis

(Company or Operator)

By:

(Signature)

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title Partner

Send Communications regarding well to:

Title OIL AND GAS INSPECTOR

Name Nix & Curtis

Address P.O. Box 605, Artesia, New Mexico

ALABAMA WATER COMMISSION	
OFFICE	
1	5
2	
1	
1	
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 Ralph Nix & Jerry Curtis

OF Curtis
Lease Curtis

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

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

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

Authorized Transporter of Oil or Condensate Artesia Pipe Line Company

Address P. O. Box 125, Artesia, New Mexico

(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:

Only enough to flow well

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 21st day of March 19 57

By Ralph Nix

Approved MAR 22 1957 19 57

Title Partner

OIL CONSERVATION COMMISSION

Company Ralph Nix & Jerry Curtis

By M. L. Armstrong

Address P. O. Box 605

Title OIL AND GAS INSPECTOR

Artesia, New Mexico

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

10. Spring 1941

2

...and the ...

... ..

1000

Time (min)	Control (%)	100 μ M DMSO (%)	100 μ M DMSO + 100 μ M DMSO (%)
0	0	0	0
10	15	85	85
20	30	80	80
30	45	75	75
40	60	70	70
50	70	65	65
60	75	60	60
70	80	55	55
80	82	50	50
90	84	45	45
100	85	40	40
110	85	35	35
120	85	30	30

[illegible]

Age Group	Percentage of Respondents
18-29	85%
30-49	80%
50-69	75%
70+	70%

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Ralph Nix & Jerry Curtis P. O. Box 605, Artesia, New Mexico
(Address)

LEASE Curtis WELL NO. 3 UNIT C S 2 T 18S R 28E

DATE WORK PERFORMED Various POOL Artesia

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

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☒ Other Running Casing

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

1-29-57 Ran 550 8 5/8 casing, cemented with Denton Cement Co. with 40 sax cement.

1-31-57 Drilled out below casing & tested, had water shut off.

2-26-57 Drilled to T. D. 2676.

2-28-57 Ran 2570' of 5 1/2 - 15 lb. casing & cement with 70 sax cement.

3-4-57 The above work was done after oral instructions of Mr. Armstrong.

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 Ralph Nix

Title OIL AND GAS INSPECTOR

Position Co-Owner

Date MAR 22 1957

Company Nix & Curtis

U.S. CONSERVATION COMMISSION
ASTORIA DISTRICT OFFICE

AFRICA DISTRICT OFFICE

1950

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