

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-11540

1. TYPE OF WELL	Bohm					
OIL WELL ☒	GAS WELL ☐	DRY ☐	OTHER ☐			
2. TYPE OF COMPLETION	NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	OTHER ☐
Name of Operator	C. E. LaRue & B.N. Muncy Jr.					

7. Unit Agreement Name
8. Form or Lease Name
State "D"
9. Well No.
1
10. Field and Pool, or Wildcat
Artesia On/GB/SA

Address of Operator	P. O. Box 1037, Artesia, N.M. 88210
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Location of Well	UNIT LETTER D LOCATED 990 FEET FROM THE N LINE AND 790 FEET FROM W
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12. County
Eddy

13. Date Spudded	1-14-84
16. Date T.D. Reached	1-20-84
17. Date Compl. (Ready to Prod.)	1-31-84
18. Elevations (DF, RKB, RT, GR, etc.)	3620.7' GL
19. Elev. Casinghead	3622'

20. Total Depth	3000'
21. Plug Back T.D.	2960'
22. If Multiple Compl., How Many	
23. Intervals Drilled By	Rotary Tools
0-3000'	Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name	Grayberg (2188 - 2408') San Andres (2543 - 47')
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25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run	GR/N (Log submitted: 2-1-84)
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27. Was Well Cored
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8" (new)	32#	370'	12 1/4"	250 sxs "C" (Circ 50 sxs to pit)	
5 1/2" (new)	15.5# (J-55)	3000'	7 7/8"	400 sxs HOWCO Lite (Circ 75 sxs)	
				plus 400 sxs HOWCO "C" (to pit)	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 3/8"	2550'	

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
Perf. 29 - 0.41" Dia. holes, 2188, 90, 92, 94, 2234, 35, 36, 37, 96, 98, 2300, 02, 04, 52, 54, 62, 64, 66, 98, 2400, 01, 05, 06, 08, 2543, 44, 45, 46, 47,	<table><tr><th>DEPTH INTERVAL</th><th>AMOUNT AND KIND MATERIAL USED</th></tr><tr><td>2543-47'</td><td>750 gal 15% NE Acid and frac 13,000 gal + 11,500#</td></tr><tr><td>2188-2408'</td><td>3000 gal 15% NE acid and frac 55,000 gal + 73,000#</td></tr></table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	2543-47'	750 gal 15% NE Acid and frac 13,000 gal + 11,500#	2188-2408'	3000 gal 15% NE acid and frac 55,000 gal + 73,000#
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2188-2408'	3000 gal 15% NE acid and frac 55,000 gal + 73,000#						

33. PRODUCTION	
Date First Production	1-31-84
Production Method (Flowing, gas lift, pumping - Size and type pump)	Pumping (1 1/2" X 10' PUMP)
Well Status (Prod. or Shut-in)	Prod.
Date of Test	2-13-84
Hours Tested	24
Choke Size	
Prod'n. For Test Period	18 - oil
Oil - Bbl.	
Gas - MCF	TSTM
Water - Bbl.	12 - load wtr. -
Gas - Oil Ratio	
Flow Tubing Press.	
Casing Pressure	
Calculated 24-Hour Rate	
Oil - Bbl.	
Gas - MCF	
Water - Bbl.	
Oil Gravity - API (Corr.)	31°

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	TSTM
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Test Witnessed By
Martin Muncy

35. List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED W.A. Gussert TITLE Consultant DATE 2-13-84

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>130'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>510'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt <u>600'</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>1065'</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1618'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>2116'</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>2413'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>2188'</u> to <u>2408'</u>	No. 4, from _____ to _____
No. 2, from <u>2543'</u> to <u>2549'</u>	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

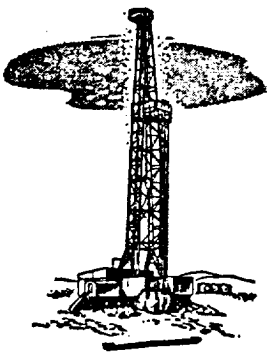
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>270'</u> to <u>276'</u> (slt show gyp wtr) feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	130	130	Surface materials				
130	1065	935'	Shale, gyp anhy.				
1065	1618	585'	Lime, shale				
1618	1770	152'	Red sand, shale				
1770	2184	414'	Lime, sandy lime				
2184	2413	229'	Sandy lime, shales				
2413	2543	130'	Hard lime, dolomite				
2543	2549	6'	Gray sand				
2549	3000	451'	Hard lime, dolomite				

**LaRue Drilling Co., Inc. — Oil Well Drilling Contractors**P. O. BOX 202
470 ARTESIA, NEW MEXICO 88210

January 31, 1984

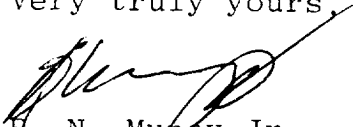
C. E. LaRue & B. N. Muncy Jr.
PO Box 1037
Artesia, NM 88210Re: State D #1
NW $\frac{1}{4}$ NW $\frac{1}{4}$
Sec. 16, T18S, R28E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above
captioned well.

DEPTH	DEVIATION
363'	1/4°
1025'	1/4°
1687'	1/2°
2188'	1/2°
2589'	1/2°
3000'	3/4°

Very truly yours,


B. N. Muncy Jr.
SecretarySTATE OF NEW MEXICO
COUNTY OF EDDYX
XThe foregoing was acknowledged before me this 31st day
of January, 1984.