

LaRue Drilling Co., Inc. — Oil Well Drilling Contractors

P. O. BOX 202 ARTESIA, NEW MEXICO 88210
470

RECEIVED BY

JUN 20 1984

O. C. D.

ARTESIA, OFFICE

May 30, 1984

Metex Pipe & Supply
PO Box 1037
Artesia, NM 88210

Re: Welch State #1
510' FSL & 2269' FEL
Sec. 16, T18S, R28E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
395'	1/4°
972'	1/2°
1394'	1/2°
1897'	1/2°
2394'	1/2°
2532'	3/4°
2700'	3/4°

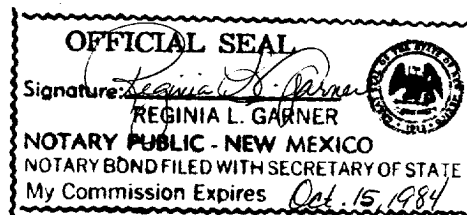
Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY

℥
℥

The foregoing was acknowledged before me this 30th day of May, 1984.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

RECEIVED BY

OIL CONSERVATION DIVISION

JUN 20 1984 P.O. BOX 2088

SANTA FE, NEW MEXICO 87501

ARTESIA, OFFICE

ARTESIA OFFICE
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. 647	

a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						7. Unit Agreement Name -									
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						8. Farm or Lease Name Welch State									
2. Name of Operator Metex Pipe & Supply Co. ✓						9. Well No. 1									
3. Address of Operator POB 1037 Artesia, NM 88210						10. Field and Pool, or Wildcat Artesia, Qn/Gb/SA									
4. Location of Well UNIT LETTER <u>0</u> LOCATED <u>510</u> FEET FROM THE <u>South</u> LINE AND <u>2269</u> FEET FROM <u>East</u> <u>16</u> <u>18S</u> <u>28E</u>						12. County Eddy									
15. Date Spudded 5-19-84		16. Date T.D. Reached 5-24-84		17. Date Compl. (Ready to Prod.) 6-17-84		18. Elevations (EF, RKB, RT, GR, etc.) 3585.5' GL		19. Elev. Casinghead 3587'							
20. Total Depth 2697'		21. Plug Back T.D. 2640'		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools 0-2697'		Cable Tools							
24. Producing Interval(s), of this completion - Top, Bottom, Name Grayburg (Loco Hills, Metex & Premier)								25. Was Directional Survey Made Yes, Attached							
26. Type Electric and Other Logs Run Comp. Neutron (Turned in on 5/25/84)								27. Was Well Cored No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8-5/8"		24#		386'		12 1/4"		250-Sxs"C"		Circ 85-Sxs Pi					
5 1/2"		20#		2697'		7-7/8"		700-Sxs Lite + "C"		Circ 50-Sxs Pi					
2 3/8 EVE		TB6 Set @		2400'											
29. LINER RECORD						30. TUBING RECORD									
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		PACKER SET					
31. Perforation Record (Interval, size and number) 26-Total Holes .42" Dia at 1-SPF As Follows: 2123, 24, 25, 27, 64, 66, 91, 93, 95, 2207, 09, 27, 29, 37, 2238, 39, 2355, 62, 66, 80, 93, 95, 97, 99, 2401, 03						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>2123-2403</td> <td>2500 Gal Acid + Balls</td> </tr> <tr> <td>2123-2403</td> <td>60,000 Gal + 100,000# Frac</td> </tr> </table>				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	2123-2403	2500 Gal Acid + Balls	2123-2403	60,000 Gal + 100,000# Frac
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2123-2403	2500 Gal Acid + Balls														
2123-2403	60,000 Gal + 100,000# Frac														
33. PRODUCTION															
Date First Production 6/17/84			Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping (1 1/2" x 10' Bottom Hole Pump)						Well Status (Prod. or Shut-in) Producing						
Date of Test 6/19/84		Hours Tested 24		Choke Size -		Prod'n. For Test Period 76		Oil - Bbl. TSTM		Gas - MCF 62-Load Water					
Flow Tubing Press. -		Casing Pressure 78#		Calculated 24-Hour Rate 76		Oil - Bbl. TSTM		Gas - MCF 62		Water - Bbl. 33					
34. Disposition of Gas (Sold, used for fuel, vented, etc.) TSTM									Test Witnessed By Martin Muncy						
35. List of Attachments Dir. Survey															
36. 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 <u>Wilma Pruitt</u>						TITLE <u>Bookkeeper</u>			DATE <u>6/20/84</u>						

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 radioactivity logs run on the well and a summary of all special tests conducted, including 4-ft 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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>445</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>530</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>1095</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1690</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>2114</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>2406</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blainebry _____	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>2114</u> to <u>2406</u>	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 <u>275-85'</u> Fresh Water to _____ 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	445	445	Caliche, Gyp & Sand				
445	530m	85	Salt				
530	1020	490	Gyp & Lime				
1020	1690	670	Lime & Shale				
1690	1700	10	Red Sand				
1700	2114	414	Lime & Shale				
2114	2406	292	Dolomite With Sands				
2406	2697	291	Dolomite/Lime				