

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501

SEP 19 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

O. C. D.

ARTESIA, N.M.

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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

Name of Operator

Yates Drilling Company

Address of Operator

207 South 4th Street, Artesia, N.M. 88210

Location of Well

T. LETTER M LOCATED 990 FEET FROM THE South LINE AND 330 FEET FROMWest LINE OF SEC. 20 TWP. 18S RGE. 28E NMPM

Date Spudded

4-22-85

16. Date T.D. Reached

4-27-85

17. Date Compl. (Ready to Prod.)

9-9-85

18. Elevations (DF, RKB, RT, GR, etc.)

3592' GR

19. Elev. Casinghead

Total Depth

2350'

21. Plug Back T.D.

2347'

22. If Multiple Compl., How Many

-

23. Intervals Drilled By

0-2350'

Rotary Tools

Cable Tools

Producing Interval(s), of this completion - Top, Bottom, Name

2101'-2171', San Andres

25. Was Directional Survey Made

No

Type Electric and Other Logs Run

Sidewall Neutron and Dual Laterolog

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"	24#	351'	12 1/4"	250 sxs.	
5 1/2"	14#	2349'	7 7/8"	320 sxs.	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	2104'	

Perforation Record (Interval, size and number)

2167'-2171', 10 .5" holes

2132'-2139', 14 .5" holes

2101'-2104', 8 .5" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2101'-2171'	Acidized w/ 3000 gals. 15% HCL acid, frac'd w/ 35000 gals WF-30
	20,000 cross link-gel & 71,000
	(41,500 20/40 & 29,500 10/20)

PRODUCTION

sand.

Date First Production

9-10-85

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping

Well Status (Prod. or Shut-in)

Prod.

Date of Test

9-9-85

Hours Tested

24 hrs.

Choke Size

-

Prod'n. For Test Period

Oil - Bbl.

2

Gas - MCF

14

Water - Bbl.

20

Gas - Oil Ratio

7000/1

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

2

Gas - MCF

14

Water - Bbl.

20

Oil Gravity - API (Corr.)

Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Bill Davis

List of Attachments

Deviation Survey

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

Karen J. Lewalman

TITLE

Production Clerk

DATE

9-18-85

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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 584'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 880'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Otero _____ 1528'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
Loco Hills _____ 1976'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. San Andres _____ 2270'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Glorieta _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Paddock _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Blinberry _____	T. Granite _____	T. Todilto _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Abo _____	T. _____	T. Chinle _____	T. _____
T. Wolfcamp _____	T. _____	T. Permian _____	T. _____
T. Penn. _____	T. _____	T. Penn. "A" _____	T. _____
T. Cisco (Bough C) _____	T. _____		

OIL OR GAS 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 _____

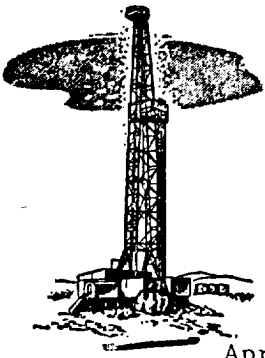
IMPORTANT WATER SANDS

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

No. 1, from _____ to _____ feet	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet
No. 4, from _____ to _____ feet	_____ feet

FORMATION RECORD (Attach additional sheets if necessary)

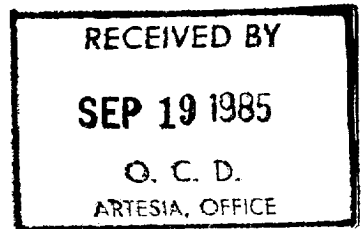
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	370	370	Surface, Redbeds				
370	1090	720	Anhydrite, Redbeds				
1090	2050	960	Anhydrite				
2050	2350	300	Anhydrite, Lime				



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

P. O. BOX ~~288~~ 470 ARTESIA, NEW MEXICO 88210

April 29, 1985



Yates Drilling Company
207 South Fourth Street
Artesia, NM 88210

Re: Mesa 20-1 State #4
990' FSL & 330' FWL
Sec. 20, T18S, R28E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
354'	1/4°
829'	1/4°
1328'	1/4°
1841'	1/2°
2283'	1/4°
2350'	1/2°

Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 29th day of April, 1985.

NOTARY PUBLIC

