

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
 State ☐ Free ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Lease

8. Farm or Lease Date

9. Well No.
Paton "LJ"

10. Field and Pool, or Wildcat
1

1a. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☒ DRY ☒ OTHER _____

b. TYPE OF COMPLETION
 NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVN. ☐ OTHER _____

2. Name of Operator
Yates Petroleum Corporation

3. Address of Operator
207 South 4th Street - Artesia, NM 88210

4. Location of Well

UNIT LETTER **I** LOCATED **1980** FEET FROM THE **South** LINE AND **660** FEET FROM **Lea**

THE **East** LINE OF SEC. **7** TWP. **14S** RGE. **36E** NMPM

15. Date Spudded **11-17-79** 16. Date T.D. Reached **2-20-80** 17. Date Compl. (Ready to Prod.) **Dry** 18. Elevations (DF, RKB, RT, GR, etc.) **3977** 19. Elev. Casinghead

20. Total Depth **13960** 21. Plug Back T.D. _____ 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By **0-13960** Rotary Tools _____ Cable Tools _____

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

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
CNL/FDC, D11

27. Was Well Cased
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	371'	17 1/2"	385 sacks	None
8-5/8"	32#	4630'	11"	1660 sacks	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in)
DRY

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

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

35. List of Attachments
DST'S

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 *Christine L. Linder* TITLE **Geol. Secty.** DATE **3-4-80**

deepened well. It shall be accompanied by one copy of all sections and logs made by the driller, including drill stem tests. All depths reported shall be measured by this. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completion wells, nos. 20 through 34 shall be reported for each zone. The form is to be filled in quads, locate except on state land, where six copies are required. See rule 1135.

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 2130	T. Strawn 12065	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka 12351	T. Pictured Cliffs _____	T. Penn. "D" _____
T. xxx Csq pt. 4630'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinobry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 7485	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 8525	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 9809	T. Morrow 12987	T. Chinle _____	T. _____
T. Penn. _____	T. Austin 13401	T. Permian _____	T. _____
T. Cisco xxxx 10631	T. Lwr Miss Ls 13873'	T. Penn. "A" _____	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.	_____
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	371	371	Surface				
371	2504	2133	Red bed				
2504	4083	1579	Anhydrite and salt				
4083	4914	831	Anhy				
4914	6763	1849	Dolomite				
6763	6855	92	Dol, li & sh.				
6855	10297	3442	Dolomite				
10297	10455	158	Lime and shale				
10455	10830	375	Lime shale and chert				
10830	13780	2950	Lime and shale				
13780	13960	180	Shale				

Yates Petroleum Corporation
Paton "LJ" No. 1
1980' FSL & 660' FEL
of Section 7-T14S-R36E, Lea County, New Mexico

DRILL STEM TESTS

DST No. 1 - 13432-13465' - TO 30", SI 90", TO 90", SI 180". Opened on 1/8" chokew/slight blow. No pressure. Steady throughout 1st flow. Reopened w/slight blow. Died in 15 minutes into final flow. 45 minutes into final flow. Started getting a slight blow. 80 minutes into final flow and died. No pressure - no gts. Recovered: 1779' of total recovery - 1593' water cushion and 186' of drilling mud. Sampler: 34 psi, no gas 500 cc DM. Pressures: HP 7218-7196; IFP 86-32; ISIP 160; FFP 32-32; FSIP 259. CORRECTION ON PRESSURES: HP 7197-7184; IFP 823-823; ISIP 1649; FFP 823-827; FSIP 2578.

DST No. 2 - 13360-13470' - Misrun - packer failed.

DST No. 3 - 10640'-10750' - Misrun - packer failed.

DST No. 4 - 10460-10750' - TO 30", SI 90", TO 90", SI 240". Tool opened w/strong blow. No GTS. Reopened w/strong blow. No GTS. Recovered: 1500' of WC, 7300' sulphur water, 300' of DM. Sampler: 2200 cc sulphur water. No pressure and no gas. Pressures: HP 5729-5729; IFP 1022-2684; ISIP 4137; FFP 2816-4137; FSIP 4137.

LANDIS DRILLING COMPANY

POST OFFICE BOX 3579
MIDLAND, TEXAS 79702

OPERATOR Yates Petroleum Corporation ADDRESS 207 South 4th St.
 LEASE NAME Paton "LJ" #1 WELL NO. 1 FIELD
 LOCATION 1980' FSL & 660' FEL Sec. 7, T14S, R36E, Lea County, New Mexico

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
371	1	6.47	6.47
871	3/4	6.54	13.01
1,416	1/2	4.75	17.76
1,914	1/2	4.34	22.10
2,210	1/2	2.58	24.68
3,210	1/2	8.73	33.41
3,542	3/4	4.34	37.75
4,082	3/4	7.06	44.81
4,630	1/4	2.39	47.20
4,783	1/4	.66	47.86
5,290	1/2	4.42	52.28
5,789	3/4	6.53	58.81
6,285	1/2	4.33	63.14
6,790	3/4	6.61	69.75
6,893	3/4	1.34	71.09
7,470	1/2	5.03	76.12
7,970	3/4	6.54	82.66
8,471	1/2	4.37	87.03
8,986	1/2	4.49	91.52
9,480	3/4	6.46	97.98
9,666	1-1/4	4.05	102.03
10,147	1-1/4	10.49	112.52
10,648	1	8.74	121.26
11,163	1-1/2	13.48	134.74
11,360	4	13.74	148.48
11,662	1-1/2	7.90	156.38
12,037	1	6.54	162.92
12,886	3/4	11.11	174.03
13,465	1	10.10	184.13
13,844	2	14.27	198.40
13,960	1-3/4	3.54	201.94

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY

Cecil M. Wilson
 TITLE Vice Pres. & Manager

AFFIDAVIT:

Before me, the undersigned authority, appeared Cecil Wilson known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Cecil M. Wilson
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 25th day of February, 19 80

Dee Ann Carlisle
 Notary Public in and for the County of _____, State of _____