

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2081
SANTA FE, NEW MEXICO

Form C-105
Revised 10-1-78

API #30-005-62636

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LAND OFFICE	☒
OPERATOR	☒

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL **Bgm**

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER **TITE HOLE!**

b. TYPE OF COMPLETION

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

2. Name of Operator
Yates Petroleum Corporation

3. Address of Operator
105 South 4th St., Artesia, NM 88210

4. Location of Well

UNIT LETTER **K** LOCATED **1650** FEET FROM THE **South** LINE AND **2310** FEET FROM

THE **West** LINE OF SEC. **21** TWP. **10S** RGE. **27E** NMPM

15. Date Spudded **8-21-88** 16. Date T.D. Reached **11-24-88** 17. Date Compl. (Ready to Prod.) **12-12-88** 18. Elevations (DF, RKB, RT, GR, etc.) **3839.5' GR**

20. Total Depth **6650'** 21. Plug Back T.D. **6588'** 22. If Multiple Compl., How Many **1** 23. Intervals Drilled By **Rotary Tools** **2102-6650'** **Cable Tools** **0-2102'**

24. Producing Interval(s), of this completion - Top, Bottom, Name
6255-6356' Siluro-Ordovician

25. Type Electric and Other Logs Run
CNL/LDT; DLL

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
10-3/4"	40.5#	245'	12 1/4"	Mudded in, pulled out	
8-5/8"	24#	622'	12 1/4"	300 sx	
5-1/2"	15.5#	6650'	7-7/8"	910 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	6196'	6207'

21. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6255-6356' w/53 .50" Holes		6255-6356'	w/2500g. 15% HCL acid + 100 Ball Sealers

PRODUCTION							
23. Date First Production				Production Method (Flowing, gas lift, pumping - Size and type pump)			
12-2-88				Flowing			
Date of Test		Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.
12-2-88		5	32/64"		-	800	-
Flow Tubing Press.		Costing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
600 psi		PKR		-	3839	-	-

24. Disposition of Gas (sold, used for fuel, vented, etc.)
Vented-Will be sold

25. List of Attachments
Deviation Survey, DST's, Logs

26. 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 **Robert J. Douillard** TITLE **Production Supervisor** DATE **12-6-88**

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
LG 5246

7. Unit Agreement Name

8. Farm or Lease Name
Pathfinder AFT State

9. Well No.
3

10. Field and Pool, or Wildcat
Undes. Siluro-Ordovician

12. County
Chaves

19. Elev. Casinghead

25. Was Directional Survey Made
No

27. Was Well Cored
No

Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn
U. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Panola YESO	T. Ellenburger
T. Blinberry	T. Gr. Wash
T. Tubb	T. Granite
T. Drinkard	T. Delaware Sand
T. Abo	T. Bone Springs
T. Wolfcamp	T. Siluro-Ordovician-624
T. Penn. C1	T. Precambrian -656
T. Cisco (Bough C)	T.

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Qtzite _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Toolito _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
4T. Chinle _____	T. _____
4T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

No. 5, 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	100	100	Surface, Rock, Sd	5580	6160	580	Lm, Sh
100	245	145	Sd, Sh	6160	6280	120	Lm, Sh, Sd
245	395	150	Anhy	6280	6580	300	Dolo, Cht
395	2100	1705	Anhy, Sh, Lm	6580	6650	70	Qtz
2100	2140	40	Dolo				
2140	2410	270	LS				
2410	2538	128	Dolo, Anhy, LS				
2538	3080	542	Dolo, Sd, Anhy, Lm				
3080	3400	320	Sh, Salt, Dolo, SS				
3400	3500	100	Dolo, Anhy, Sh				
3500	3774	274	Salt, Sh, Dolo, Anhy				
3774	3880	106	Dolo, Anhy				
3880	4066	186	Dolo, Anhy, Salt				
4066	4620	554	Anhy, Dolo, Sd				
4620	4810	190	Anhy, Dolo				
4810	5420	430	Shale				
5420	5580	160	Shale, Dolo				

YATES PETROLEUM CORPORATION

Pathfinder AFT State No. 3, LG-5246
Unit K, 1650' FSL & 2310' FWL
Section ~~2120~~ 2120-T10S-R27E
Chaves County, New Mexico

DRILL STEM TESTS

DST #1 5516-5553' WOLFCAMP: Opened tool 1:39 AM with 6" blow. Bottom of bucket in 12 mins. In 30 mins, had 8 oz. on 1/8" choke. SI 60". Opened 1/8" choke - 5 oz. In 5 mins had 6 oz. Stayed at 6 oz. throughout 60 mins. SI 180". No GTS. RECOVERY: 60' rathole mud. SAMPLER: 32 psi .2 cfg. PRESSURES: (Bottom) IHP 3010, IFP 41-50, ISIP 323, FFP 50-50, FSIP 689, FHP 3010.

DST #2 6252-6325' ORDOVICIAN: Times- TO 17", SI 60", TO 60", SI 180". Flowing pressure at surface during FF 1250 psi on 1/4" choke = 1.8 mmcf. RECOVERY: Reversed out 2.1 bbls gas cut oil. Gravity 28 @ 55°. SAMPLER: 16.5 cfg, 2000 psi. PRESSURES: IHP 3445, IFP 416-1073, ISIP 2489, FFP 463-1635, FSIP 2489, FHP 3445.

Walters

DRILLING INC.

P. O. BOX 717

FARMINGTON, NEW MEXICO 87499

(505) 327-5218

RECEIVED

DEC 07 '88

O. C. D.
ARTESIA OFFICE

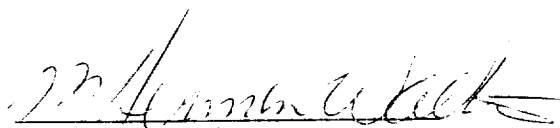
November 29, 1988

Yates Petroleum Company ✓
105 South 4th St.
Artesia, New Mexico 88210

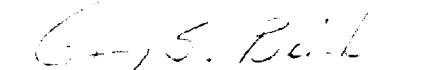
Re: Pathfinder AFT State #3

Deviation Survey

<u>Depth</u>	<u>Degrees</u>
600'	2½°
650'	2½°
700'	2½°
2098'	2°
2410'	2°
2911'	1°
3400'	½°
3898'	1 ¾°
4465'	¾°
4827'	½°
5366'	1½°
5840'	1½°
6459'	1½°
6650'	1½°


M. Herman Walters
President

Subscribed and sworn before me on this 29th day of November, 1988.


Gary S. Brink
San Juan County, New Mexico
My Commission Expires August 15, 1989.