

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088
SEP 13 89

Form C-105
Revised 1-1-89

CLM
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BLM

WELL API NO. 30-005-62659
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. LG 4928
7. Lease Name or Unit Agreement Name Dragonfly State Unit
8. Well No. 2
9. Pool name or Wildcat Wildcat San Andres

WELL COMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐					
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. Well Location Unit Letter <u>0</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>East</u> Line Section <u>31</u> Township <u>9S</u> Range <u>27E</u> NMPM Chaves County					
10. Date Spudded 12-28-88	11. Date T.D. Reached 6-7-89	12. Date Compl. (Ready to Prod.) 9-4-89	13. Elevations (DF & RKB, RT, GR, etc.) 3916' GR	14. Elev. Casinghead	
15. Total Depth 6700'	16. Plug Back T.D. 6145'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 2070-6700'	Cable Tools 0-2070'	
19. Producing Interval(s), of this completion - Top, Bottom, Name 1964-82' San Andres				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run CNL/LDT; DLL				22. 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#	556'	12 1/4"	500 sx	
5 1/2"	15.5#	6695'	7-7/8"	925 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	2004'	-

26. Perforation record (interval, size, and number) 1964-82' w/10 .42" Holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 1962-82' 1964-82 AMOUNT AND KIND MATERIAL USED w/1500g. 20% NEFE acid. Re-acid w/15000g. 40# gel + 20000g. 20% HCL.
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PRODUCTION

28. Date First Production 9-1-89		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 9-4-89	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl. 3	Gas - MCF TSTM	Water - Bbl. 20	Gas - Oil Ratio -
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate	Oil - Bbl. 3	Gas - MCF TSTM	Water - Bbl. 20	Oil Gravity - API - (Corr.) 27° (est)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) TSTM						Test Witnessed By Tom Benedict	

30. List Attachments Logs, deviation Survey	
31. 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	
Signature <u>Juanita Goodlett</u>	Printed Name <u>Juanita Goodlett</u> Title <u>Production Supvr</u> Date <u>9-11-89</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 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 25 through 29 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

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____ 6246
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____ 1390	T. Simpson _____
T. Glorieta _____ 2544	T. McKee _____
T. Paddock YESO _____ 2610	T. Ellenburger _____
T. Blinbry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____ 4774	T. Ordovician _____ 6340
T. Wolfcamp _____ 5455	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____ 5982	T. _____

Northwestern New Mexico

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 Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	185	185	Surface, Red & Blue Shale				
185	305	120	Redbeds, Gyp				
305	579	274	Blue Shale, Anhy				
579	970	391	Anhy				
970	1395	425	Red Sd				
1395	2085	690	Brown Lm, Dolo, Anhy				
2085	2655	1570	Anhy				
2655	4077	422	Anhy, Dolo				
4077	4210	133	Dolo				
4210	4514	304	Anhy, Dolo				
4514	4765	251	Dolo				
4765	4873	108	Dolo, Sh				
4873	5484	611	Sh				
5484	6387	903	LS				
6387	6700	313	Dolo				

RECEIVED

SEP 18 89

O. C. D.
ARTESIA OFFICE

YATES PETROLEUM CORPORATION

DRAGONFLY STATE UNIT #2
Unit O, 660 FSL & 1650 FEL
Sec. 31-T9S-R27E
Chaves County, NM

DRILL STEM TEST

DST #1 6335-87' Ordovician: TIMES: 30", 60", 60", 180". On first flow - GTS in 5 minutes. Increased to 750 psi on 1/4" choke. On second flow - opened on 1/2" choke at 10 psi. Increased to 75 psi in 30 minutes. Dropped to 40 psi at end of 60 minutes. RECOVERY: 1955' gas cut formation water. SAMPLER: 8.3 cfg, 450 cc water at 800 psi. PRESSURES: BOTTOM: Depth 6378': IHP 3330, IFP 914-1152, ISIP 1608, FFP 409-771, FSIP 1256, FHP 3320.

ARTESIA FISHING TOOL COMPANY

RECEIVED

P. O. BOX ~~XXX~~ PHONE (505) 746-6651

ARTESIA, NEW MEXICO 88210

SEP 13 '89

O. C. D.
ARTESIA, OFFICE

June 12, 1989

Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

Re: Dragonfly State Unit #2
660' FSL & 1650' FEL
Sec. 31, T9S, R27E
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
1161'	3 3/4°
1661'	1 1/4°
2132'	1 1/4°
2626'	1 1/4°
3126'	3/4°
3686'	1/2°
4156'	1/2°
4688'	1/2°
5041'	1 1/2°
5670'	1 1/2°
6387'	1 3/4°
6700'	2°

Very truly yours,

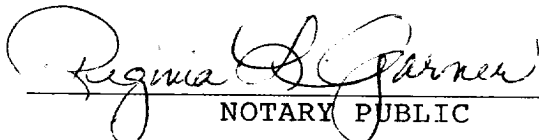


B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY

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The foregoing was acknowledged before me this 12th day of June, 1989.


NOTARY PUBLIC

