

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

OIL CONSERVATION DIVISION

P.O. Box 2088 RECEIVED
Santa Fe, New Mexico 87504-2088

APR 30 1992

Form C-105
Revised 1-1-89

WELL API NO.
30-015-26879

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LG 9810

WELL COMPLETION OR RECOMPLETION 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 ☐

7. Lease Name or Unit Agreement Name

Candelilla AKD State Com

2. Name of Operator
YATES PETROLEUM CORPORATION (505) 748-1471

8. Well No.
1

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

9. Pool name or Wildcat
North Dagger Draw U/Penn

4. Well Location
Unit Letter 0 : 660 Feet From The South Line and 1650 Feet From The East Line
Section 2 Township 20S Range 24E NMPM Eddy County

10. Date Spudded 3-13-92 11. Date T.D. Reached 4-14-92 12. Date Compl. (Ready to Prod.) 4-27-92 13. Elevations (DF& RKB, RT, GR, etc.) 3619' GR 14. Elev. Casinghead

15. Total Depth 8200' 16. Plug Back T.D. 8135' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-TD Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 7738-7816' Canyon 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
20"		40'	26"	RediMix	
9-5/8"	36#	1068'	14-3/4"	900 sx	
7"	23# & 26#	8200'	8-3/4"	1575 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	7881'	

26. Perforation record (interval, size, and number)
7738-7816' w/40 - .50" Holes
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
7738-7816' w/21600g. 20% HCL acid.

PRODUCTION

28. Date First Production 4-23-92 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing
Date of Test 4-27-92 Hours Tested 24 Choke Size 3/4" Prod'n For Test Period Oil - Bbl. 347 Gas - MCF 601 Water - Bbl. 217 Gas - Oil Ratio 1732
Flow Tubing Press. 100 Casing Pressure 120 Calculated 24-Hour Rate Oil - Bbl. 347 Gas - MCF 601 Water - Bbl. 217 Oil Gravity - API - (Corr.) 40

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - connected to Yates Gas Gathering 4-23-92 Test Witnessed By John Dehler

30. List Attachments
Deviation Survey, Logs, DST

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 Juanita Goodlett Printed Name Juanita Goodlett Title Production Supv. Date 4-28-92

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 LM 7562
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres 490	T. Simpson _____
T. Glorieta 2062	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs LM 3401
T. Abo Green Sh. 4822	T. Canyon Dolo 7668
T. Wolfcamp Lime 5397	T. B. Dolomite 7904
T. Penn _____	T. _____
T. Cisco (Bough C) _____	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	40	40	Surface	7550	7670	120	LS, Sh
40	995	955	Anhy	7670	7800	130	LS, Dolo
995	1068	73	LS	7800	7900	100	Dolo
1068	3050	1982	Dolo, SS	7900	8200	300	LS, Sh, SS
3050	4000	950	LS				
4000	4350	350	LS, Sh, Dolo				
4350	4680	330	LS, Sh				
4680	4894	214	LS, Dolo, Sh				
4894	5060	166	Sh, Dolo				
5060	5380	320	Dolo				
5380	5520	140	LS, Sh, Cht, Dolo, Sd				
5520	5630	110	Dolo				
5630	5780	150	LS, Sh, Dolo				
5780	6190	410	LS, Sh				
6190	6562	372	LS				
6562	7454	892	SS, Sh, LS				
7454	7550	96	Sh				

YATES PETROLEUM CORPORATION

Candelilla AKD State Com #1
660' FSL & 1650' FEL, Sec. 2-20S-24E
Eddy County, NM Lse #LG 9810

DRILL STEM TEST

DST #1 10435-10553' (22') WOLFCAMP: TIMES: 15", 60", 60", 180",
60". RECOVERY: 515' (2.52) bbls slightly mud cut formation water
with a trace of oil on top, Cl Top 77000, Middle 61000, Bottom 58000.
SAMPLER: 90 psi at 65 deg. 0 cfg, 2300 cc water; 55000 Ch, .091 Rw
at 60 deg. BHT: 108 deg F. PRESSURES: Depth - 5440'. IHP 2632,
IFP 92-143, ISIP 2040, 2nd FP 160-255, 2nd SI 2080, 3rd FP 275-342,
FHP 2590.

WELL NAME AND NUMBER Candelilla ^{AKD St.} ~~ADK St.~~ Comm #1 ig #4 **RECEIVED**
 LOCATION Section 2, T20S, R24E, Eddy County
 (Give Unit, Section, Township and Range) APR 30 1992
 OPERATOR Yates Petroleum Corporation O. C. D.
 (REG. OFFIC.)
 DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 278</u>	<u>2-3/4 3,726</u>	<u>4 1/4 4,574</u>
<u>2 1/4 735</u>	<u>3 3,817</u>	<u>4 1/4 4,640</u>
<u>1-3/4 796</u>	<u>3 1/4 3,909</u>	<u>4 4,682</u>
<u>2 1/4 1,068</u>	<u>3 1/4 3,954</u>	<u>4 1/4 4,742</u>
<u>2 1/2 1,172</u>	<u>3-3/4 4,002</u>	<u>4 1/4 4,802</u>
<u>2 1/4 1,278</u>	<u>4 4,097</u>	<u>4 1/4 4,863</u>
<u>2 1/4 1,406</u>	<u>4 1/4 4,190</u>	<u>5 4,987</u>
<u>2-3/4 1,560</u>	<u>4 1/2 4,252</u>	<u>4 1/2 5,006</u>
<u>1-3/4 1,766</u>	<u>4 1/2 4,283</u>	<u>5 4,971</u>
<u>1 1/2 2,026</u>	<u>4-3/4 4,314</u>	<u>5 4,999</u>
<u>1-3/4 2,333</u>	<u>4 1/4 4,349</u>	<u>4-3/4 5,025</u>
<u>2 2,735</u>	<u>4 1/2 4,390</u>	<u>4 1/4 5,056</u>
<u>2 1/4 3,044</u>	<u>4 1/2 4,421</u>	<u>3 1/2 5,087</u>
<u>2 1/4 3,415</u>	<u>4 1/4 4,451</u>	<u>2 1/4 5,175</u>
<u>2 1/4 3,601</u>	<u>4 1/2 4,513</u>	<u>1-3/4 5,269</u>

Drilling Contractor McVay Drilling Company

By: Joe Hlynsky

Subscribed and sworn to before me this 22nd day of April, 19 92

Richard J. Carbaugh
 Notary Public

My Commision Expires: 12/27/95

Lea County New Mexico

WELL NAME AND NUMBER Candelilla ^{AKD St.} ~~ADK St.~~ Comm #1 Fig #4 Page 2

LOCATION Section 2, T20S, R24E, Eddy County **RECEIVED**
 (Give Unit, Section, Township and Range) APR 30 1992

OPERATOR Yates Petroleum Corporation **O. C. D.**
OFFICE

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
1-3/4 5,422	_____	_____
1-3/4 5,553	_____	_____
1 1/4 5,762	_____	_____
1 6,165	_____	_____
1 1/4 6,665	_____	_____
1 1/2 7,165	_____	_____
1 1/2 7,665	_____	_____
1 1/2 7,917	_____	_____
1 1/4 8,200	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Drilling Contractor McVay Drilling Company

By: Joe Hlyan

Subscribed and sworn to before me this 22nd day of April, 19 92

Duffey Canby
 Notary Public

My Commision Expires: 12/27/95 Lea County New Mexico