

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER. ☐ Other ☐
2. NAME OF OPERATOR: YATES PETROLEUM CORPORATION
3a. Area Code & Phone No.: 505/748-1471

3. ADDRESS OF OPERATOR: 105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 660' FNL & 2105' FWL, Sec. 33-19S-24E
At top prod. interval reported below
At total depth

9a. API Well No.: 30-015-26427
14. PERMIT NO.:
DATE ISSUED:

15. DATE SPUDDED: 8-20-90
16. DATE T.D. REACHED: 9-18-90
17. DATE COMPL. (Ready to prod.): 1-17-91
18. ELEVATIONS (OF HHR, RT, GR, ETC.): 3770' GR

20. TOTAL DEPTH, MD & TVD: 8980'
21. PLUG BACK T.D., MD & TVD: 8850'
22. IF MULTIPLE COMPL., HOW MANY?:
23. INTERVALS DRILLED BY: 0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD):
7245-7555' Canyon; 6076-6338' Wolfcamp

26. TYPE ELECTRIC AND OTHER LOGS RUN: LDT/CNL, DLL, LSS

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"	Redi-Mix	
9-5/8"	36#	1292'	14-3/4"	1665 sx	
5-1/2"	15.5/17#	8980'	8-3/4"	2450 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

31. PERFORATION RECORD (Interval, size and number)

7245-7555' w/66 - .40" Holes
6076-6338' w/88 - .40" Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7245-55'	w/22600g. 15% acid
6076-6338'	w/9000g. 15% acid.
	SF w/60000g. gel KCL + 105000#
	20/40 sd

33. PRODUCTION
DATE FIRST PRODUCTION: 1-9-91
PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump): Flowing
WELL STATUS (Producing or shut-in): Producing

DATE OF TEST: 1-17-91
HOURS TESTED: 24
CHOKE SIZE: 32/64"
PROD'N. FOR TEST PERIOD: 4
OIL--BSL.: 431
GAS--MCF.: 27
WATER--BSL.: 107750
FLOW. TUBING PRESS.: 250 psi
CASING PRESSURE: Pkr
CALCULATED 24-HOUR RATE: 4
OIL--BSL.: 431
GAS--MCF.: 27
WATER--BSL.: 42° (est)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold - connected to Yates Gas Gathering 1-9-91.

35. LIST OF ATTACHMENTS: DST's, Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: *[Signature]*

TITLE: Production Supervisor

DATE: 1-23-91

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	368	
Glorieta	1728	
Abo	3776	
Wolfcamp LM	5078	
Canyon LM	7270	
Strawn	7866	
Atoka	8342	
Morrow Clastics	8654	

RECEIVED

JAN 25 11 45 AM '91

OAR
ARE

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Alexandre AHX Federal #1
Unit C, Sec. 33-T19S-R24E
Eddy County, NM

DST #1 4808-4907' (99') ABO: TIMES - 30", 60", 60", 120", 30". RECOVERY:
730' drilling fluid and sulfer water. SAMPLER: 2420 cc water and 3 psi.
PRESSURES: DEPTH 4896': IHP 2270, IFP 53-142, ISIP 1800, 2nd FP 151-292,
FSIP 1857, FFP 302-349, FHP 2270.

DST #2 8660-8832' (172') MORROW: TIMES - 30", 120", 60", 180". RECOVERY:
7572' free gas, 1280' mud. SAMPLER: 11.94 cfg, 860 cc mud and 1810# pressure.
PRESSURES: IHP 4299, IFP 201-206, ISIP 3195, FFP 150-267, FSIP 3405, FHP 4300.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

JAN 24 '91

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator YATES PETROLEUM CORPORATION			Lease Alexandre AHX Federal		Well No. 1
Unit Letter C	Section 33	Township 19S	Range 24E	County Eddy	

Actual Footage Location of Well:

660 feet from the North line and 2105 feet from the West line

Ground level Elev. 3770'	Producing Formation Canyon/Wolfcamp	Pool Undes. Canyon/Wolfcamp	Dedicated Acreage: 320 160 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

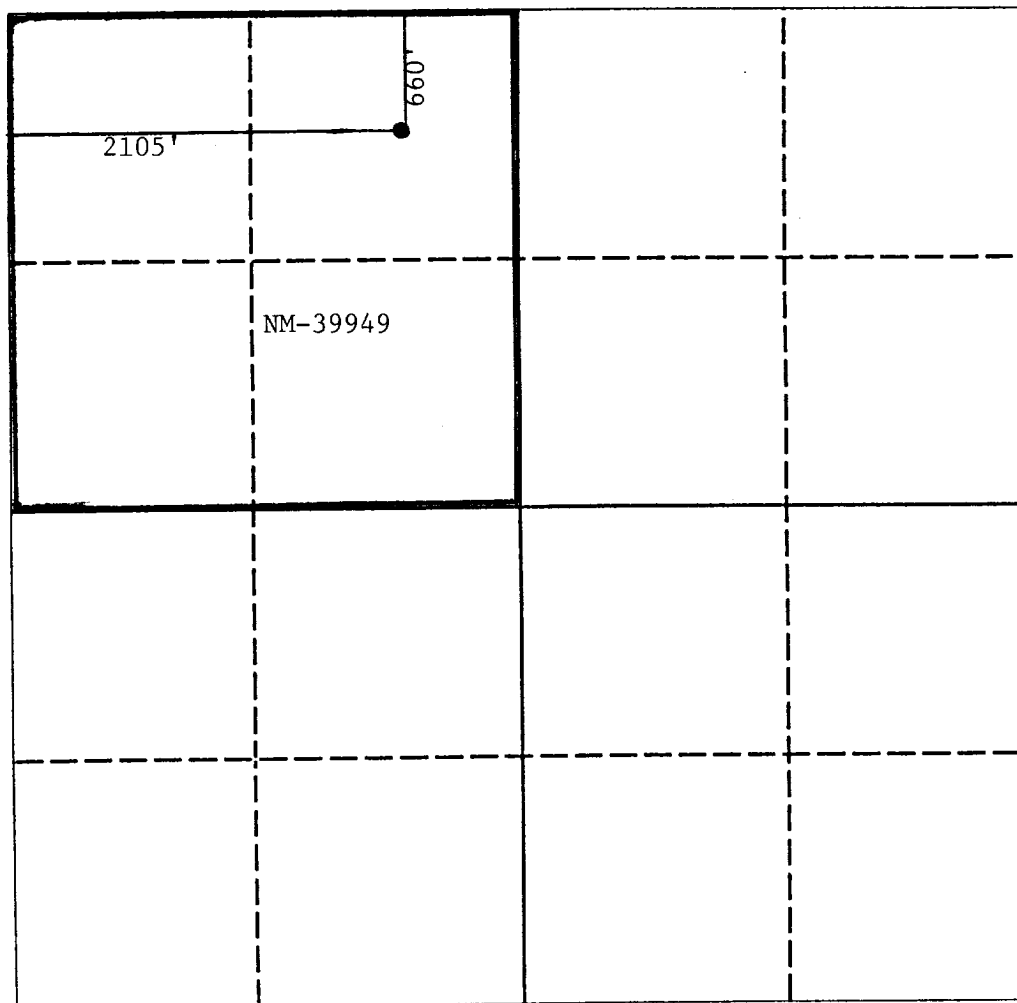
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

JUANITA GOODLETT

Position

PRODUCTION SUPERVISOR

Company

YATES PETROLEUM CORPORATION

Date

1-23-91

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Refer to original plat

Signature & Seal of dated 7/3/90
Professional Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

WELL NAME AND NUMBER Wig #4 Alexandre "AHX" Federal **RECEIVED**
LOCATION Section 33, T19S, R24E, Eddy County
(Give Unit, Section, Township and Range) **JAN 24 '91**
OPERATOR Yates Petroleum Corporation **O. C. D.**
DRILLING CONTRACTOR McVay Drilling Company **ARTESIA, OFFICE**

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>1/2 358</u>	<u>2-1/2 4,470</u>	<u>3/4 6,429</u>
<u>1 786</u>	<u>2-1/2 4,556</u>	<u>3/4 6,836</u>
<u>1-1/4 1,193</u>	<u>2-1/2 4,649</u>	<u>1 7,214</u>
<u>1 1,292</u>	<u>2 4,751</u>	<u>3/4 7,568</u>
<u>1-1/4 1,782</u>	<u>2-1/4 4,836</u>	<u>1 7,839</u>
<u>3/4 2,226</u>	<u>2 4,907</u>	<u>1 8,358</u>
<u>1-1/4 2,718</u>	<u>2-3/4 4,992</u>	<u>1-3/4 8,700</u>
<u>1-1/4 3,215</u>	<u>2-1/2 5,086</u>	<u>3 8,832</u>
<u>1-1/4 3,558</u>	<u>2-3/4 5,178</u>	
<u>2 3,871</u>	<u>2-1/2 5,272</u>	
<u>1-1/2 3,996</u>	<u>2-3/4 5,367</u>	
<u>1-3/4 4,090</u>	<u>2-1/4 5,461</u>	
<u>2-1/2 4,182</u>	<u>2 5,555</u>	
<u>2-1/4 4,276</u>	<u>1-3/4 5,712</u>	
<u>2 4,369</u>	<u>3/4 5,962</u>	

Drilling Contractor McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 24th day of September, 19 90

[Signature]
Notary Public

My Commision Expires: 12/27/91

Lea County New Mexico