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
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-025-35377

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No. VO-4837

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER

b. Type of Completion: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR [ ] OTHER

7. Lease Name or Unit Agreement Name: Avian AYA State

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 Feather ~~Wildcat~~ Morrow

4. Well Location
Unit Letter P : 850 Feet From The South Line and 660 Feet From The East Line

Section 20 Township 15S Range 32E NMPM Lea County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
RH 2-22-2001 RT 2-28-2001	4-17-2001	5-10-2001	4315' GR	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
12621'	12556'			40-12621'	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 12513-12522' Morrow

20. Was Directional Survey Made: No

21. Type Electric and Other Logs Run: CNL/LDC & Laterolog

22. Was Well Cored: No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"		40'	20"	Cement to surface	
11-3/4"	42#	443'	14-3/4"	400 sx - circ	
8-5/8"	32#	4000'	11"	1175 sx - circ	
5-1/2"	20# & 17#	12621'	7-7/8"	925 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	12270'	12278'

26. Perforation record (interval, size, and number)
12513-12522' w/78 .42" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
None	

PRODUCTION

28.

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
5-8-2001	Flowing	SIWOPLC

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-9-2001	24	3/8"		100	1989	0	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
585#	Packer		100	1989	0	N/A

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Will be sold when hookup available

Test Witnessed By: Mike Allen

30. List Attachments: Drill Stem Tests, Deviation Survey & Logs

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 Rusty Klein Printed Name Rusty Klein Title Operations Tech. Date 5-29-2001

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		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 10982'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 11538'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	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 Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 6912'	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 7688'	T. Morrow 12112'	T. Wingate	T.
T. Wolfcamp 9032'	T. Austin Cycle 12526'	T. Chinle	T.
T. Penn	T.	T. Permain	T.
T. Cisco (Bough C) 9702'	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
0	448	448	Surface
448	2629	2181	Redbed
2629	3056	427	Anhydrite
3056	3621	565	Anhydrite & salt
3621	4000	1379	Anhydrite & dolomite
4000	4580	580	Dolomite & anhydrite
4580	4613	33	Dolomite, anhy & shale
4613	4780	167	Dolomite & shale
4780	5000	220	Dolomite & anhydrite
5000	5566	566	Dolomite
5566	5670	104	Dolomite, shale & chert
5670	5966	296	Dolo, shale & anhydrite
5966	7560	1594	Dolomite & anhydrite
7560	8900	1340	Dolo, anhy & shale
8900	9028	128	Dolomite & anhydrite
9028	9140	112	Dolomite & lime
9140	9308	168	Lime
9308	10322	1014	Lime & shale
10322	10998	676	Lime, shale & chert
10998	11268	270	Lime & shale
11268	11920	652	Lime, shale & sand
11920	12024	104	Shale
12024	12130	106	Lime & shale
12130	12621	491	Lime, shale & sand