

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

951
Blw
5/2/89
Bj/m

WELL API NO.

30-015-26105

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1085

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

ARTESIA, OFFICE

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

East Apple State Unit

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

Wildcat Bone Springs

4. Well Location

Unit Letter G: 1980 Feet From The North Line and 1980 Feet From The East Line

Section 5

Township 26S

Range 28E

NMPM

Eddy

County

10. Date Spudded

5-28-89

11. Date T.D. Reached

6-15-89

12. Date Compl. (Ready to Prod.)

9-11-89

13. Elevations (DF & RKB, RT, GR, etc.)

3026' GR

14. Elev. Casinghead

15. Total Depth

8300'

16. Plug Back T.D.

8244'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

6812-26'; 7115-36'; 7621-39'; 7911-55' - Bone Springs

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CNL/LDT: DLL

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
13-3/8"	54.5#	450'	17 1/2"	500 sx	
8-5/8"	32#	2340'	11"	1000 sx	
5 1/2"	17 & 15.5#	8300'	7-7/8"	975 sx	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7020'	

26. Perforation record (interval, size, and number)

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

7115-36' w/16 .41" Holes - w/1500g acid. SF w/20000g Mini-Max 40+50000# 20/40 sd.

6812-26' w/10 .41" Holes - w/2000g. acid+10000g 20% HCL+15000g gel+40 tons CO2.

7621-39' w/12 .42" Holes - w/1500g. acid. SF w/12000g Mini-Max+24 tons CO2+23500# 20/40 sd

28. 7911-55' w/17 .42" Holes

PRODUCTION W/2000g. 7 1/2% acid.

Date First Production

9-8-89

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test

9-11-89 **

Hours Tested

24

Choke Size

32/64"

Prod'n For Test Period

8

Oil - Bbl.

8

Gas - MCF

542

Water - Bbl.

84

Gas - Oil Ratio

67750/1

Flow Tubing Press.

85#

Casing Pressure

-

Calculated 24-Hour Rate

8

Oil - Bbl.

8

Gas - MCF

542

Water - Bbl.

84

Oil Gravity - API - (Corr.)

39°

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Waiting on pipeline connection - Gas is vented.

Test Witnessed By

Bill Poe

30. List Attachments

DST's, Deviation Survey, Logs

**Well tested on orifice tester.

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 Supvr

Date

9-26-89

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 _____ 3343	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	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. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____ 2378	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____ 6116	T. Entrada _____	T. _____
T. Abo _____	T. Brushy Canyon-4924	T. Wingate _____	T. _____
T. Wolfcamp _____	T. 1st Bone Spr. SS 7028	T. Chinle _____	T. _____
T. Penn _____	T. 2nd Bone Spr. SS 7744	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. 2nd B. Spr. Carbonate _____ 8084	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, Rock	7640	8128	488	Sh, Lm, Sd
40	192	152	Redbeds	8128	8300	172	Lm, Sh
192	1500	1308	Anhy, Salt				
1500	1640	140	Anhy, Lm				
1640	1776	136	Salt, Anhy				
1776	1878	102	Salt				
1878	2220	342	Lm, Anhy, Salt				
2220	2370	150	Anhy, Lm				
2370	2420	50	Lm, Sh, Cht				
2420	3184	764	Sd, Sh				
3184	3340	156	Lm, Sh, Sd				
3340	3520	180	Sd, Lm, Dolo				
3520	3680	160	Sd				
3680	3830	150	Sh, Sd, Sh, Dolo				
3830	4984	1154	Sd, Sh, Lm				
4984	5520	536	Sd, Sh				
5520	6060	540	Sd, Sh, Lm				
6060	7240	1180	Lm, Sd, Sh				
7240	7640	400	Sh, Lm				

RECEIVED

OCT -3 '89

YATES PETROLEUM CORPORATION

EAST APPLE STATE UNIT #1, V-1085
Unit G, 1980' FNL & 1980' FEL
Sec. 5-T26S-R28E, Eddy County, NM

C. C. D.
ADDRESS OFFICE

DRILL STEM TESTS

DST #1 4975-5003' DELAWARE: TIMES: TO 15', SI 60'; TO 60", SI 180".
Opened with very weak blow, less than 1" in bucket. SI. Reopened with
no blow in bucket. RECOVERY - 3' (100%) oil on top. Bottom recovered
267' (100%) drilling mud, Cl 50,000. SAMPLER: .1 cfg, 1900 cc mud at
70 psi. Rw .12 @90°, Cl 50,000. BHT: 110°. PRESSURES: IHP 2278,
IFP 41-50, ISIP 2278, FFP 59-106, FSIP 2278, FHP 2278.

DST #2 7060-7139' (79') BONE SPRINGS: TIMES: TO 15", SI 60"; TO
60", SI 180"; TO 60", SI 30". Opened tool on bubble hose to bottom
bucket, increased to 2.25 psi. SI 60 minutes. Opened 2nd flow with
36 oz, increased to 40 oz in 10 mins then decreased to 34 oz in 60 mins.
SI 60 mins. Opened for final flow with 63 oz then decreased to 5 oz. SI
30 mins. RECOVERY: 90' drilling fluid and 5' oil (39 API @60°). SAMPLER:
.2 cfg, 300 cc mud and 26 psi. PRESSURES: IHP 3348, IFP 135-102, ISIP
760; 2nd FP 92-98, 2nd SIP 1769; FFP 107-102, FSIP 426, FHP 3363.

DST #3 7976-7789' 2ND BONE SPRING (187'): TO 15", good blow to bottom
of bucket from 1 oz to 3 oz. SI 60". TO 60" - good blow, 2 oz. SI 180".
FF TO 60" - good blow, 1 oz. SI 30". RECOVERY: 38' gas cut drilling
mud, Rw .12 at 60°, CL 80000. SAMPLER: .03 cfg, 1550 cc mud total (1300
cc gas cut drilling mud + 250 cc oil gas cut) at 65 psi, Rw .11 at 60°,
Cl 80000. PRESSURES: BOTTOM: IHP 3688, 1st FP 140-128, 1st SI 278,
2nd FP 115-115, 2nd SI 465, FFP 115-78, FSIP 190, FHP 3688.

RECEIVED

WELL NAME & NUMBER EAST APPLE STATE UNIT # 1

LOCATION SEC 5 TS 26S RANGE 28E
(Give Unit, Section, Township and Range)

7-3 '89

C. D.
J. OFFICE

OPERATOR YATES PETROLEUM CORP.

DRILLING CONTRACTOR JSM DRILLING CO.

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;

Degrees @ Depth	Degrees & Depth	Degrees @ Depth
1/2 152	2 1/4 1899	1 2894
1 1/2 450	2 1/2 1922	1 1/4 3361
1 1/2 522	2 1/2 1964	3/4 3855
1 1/2 619	2 1/2 1996	3/4 4323
1 707	2 1/2 2027	1/2 4818
3/4 795	2 1/2 2093	1/2 5003
3/4 960	2 1/4 2125	1/4 5475
1 1/2 1178	2 2156	3/4 5983
1 3/4 1238	2 2177	1/4 6451
1 3/4 1299	2 2209	1 1/2 6941
1 1/4 1371	1 1/2 2241	1 3/4 7139
1/2 1528	1 1/4 2273	1 3/4 7382
1 1/4 1642	1 1/4 2340	2 7970
1 3/4 1798	1 1/4 2458	1 3/4 8300

DRILLING CONTRACTOR JSM DRILLING CO.

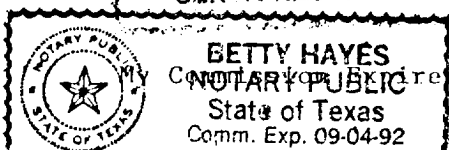
BY:

Sam Jam

Subscribed and sworn to before me this 19 day of JUNE, 19 89

BETTY HAYES
NOTARY PUBLIC

Betty Hayes
Notary Public



BETTY HAYES
NOTARY PUBLIC
State of Texas
Comm. Exp. 09-04-92

9-4-92

WINKLER County TEXAS