

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

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

105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)

505-748-1471

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface

1865'FNL & 2002'FEL (Unit G, SWNE)

At top prod. Interval reported below

Same as above

At total depth 1871'FSL & 856'FEL (Unit I, NESE)

5. Lease Serial No.

NM-78213

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Walt Canyon AMA Federal #6

9. API Well No.

30-015-32997

10. Field and Pool, or Exploratory

Indian Basin Upper Penn Assoc.

11. Sec., T., R., M., on Block and
Survey or Area

Section 3-T22S-R24E

12. County or Parish 13. State

Eddy

New Mexico

14. Date Spudded

9/22/03

15. Date T.D. Reached

11/11/03

16. Date Completed

12/4/03

☐ D & A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3896'GL 3914'KB

18. Total Depth: MD

8682'

TVD

NA

19. Plug Back T.D.:

MD 8513'

TVD

NA

20. Depth Bridge Plug Set:

MD NA

TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CNL, Cement Bond

22. Was Well cored?

☒ No☐ Yes

(Submit analysis)

Was DST run?

☒ No☐ Yes

(Submit report)

Directional Survey?

☒ No☐ Yes

(Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
	16"		Surface	40'		Conductor		Surface	
14-3/4"	9-5/8"	36#	Surface	1606'		1060 sx		Surface	
8-3/4"	7"	26#	Surface	8563'		1150 sx		6970' CBL	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Canyon	8202'	8288'	8202'-8288'		172	Producing
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8202'-8288'	Acidize w/30,000g 20% HCL acid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/5/03	1/14/04	24 hrs	⇒	259	20	1932	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	300 psi	200 psi	⇒	259	20	1932	NA	Producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			⇒						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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

Sold

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Bone Spring	1950'
				Yeso	2890'
				2nd Bone Spring	3870'
				3rd Bone Spring	7595'
				Wolfcamp	7810'
				Upper Penn Dolomite	8162'

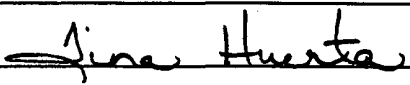
32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report ☒ 4. Directional Survey
 5. Sundry Notice for plugging and cement verification 6. Core Analysis ☒ 7. Other: Deviation Survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tina Huerta Title Regulatory Compliance Supervisor

Signature  Date January 22, 2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR: YATES PETROLEUM CORP.
WELL/LEASE: WALT CANYON AMA FED. 6
COUNTY: EDDY

503-0246

STATE OF NEW MEXICO
DEVIATION REPORT

200	1/4
380	1/4
558	1/4
733	1/2
914	1 3/4
1,008	2
1,197	1 1/2
1,387	1 1/4

RECEIVED
JAN 28 2004
OCD-ARTESIA

By: Steve Moore

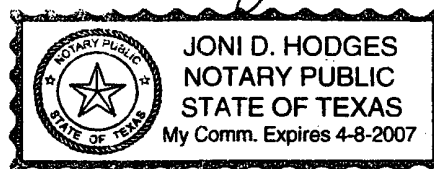
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 26th day of November, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 4/08/2007

Joni D. Hodges
Notary Public for Midland County, Texas



A Gyrodata Directional Survey

for

YATES PETROLEUM

Location: BASIC #1305, EDDY COUNTY, N.M.
Well: WALT CANYON "AMA" FED ~~48~~, 7" CASING
#6

RECEIVED

JAN 28 2004

OCD-ARTESIA

Job Number: MD1103GW314

Run Date: 11/28/03 10:42:00 PM

Surveyor: Lee Adams with tool #428

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.455300 deg. N Longitude: 104.408600 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Yates Petroleum
 Well: WALT CANYON "AMA" FED #6, 7" CASING
 Location: BASIC #1305, EDDY COUNTY, N.M.
 Job Number: MD1103GW314

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	N 0 0 E	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0-8500 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 7" CASING							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO BASIC #1305 R.K.B.							

100.00	0.22	157.40	S 22 36 E	0.22	100.00	0.2 157.4	0.18 S 0.07 E
200.00	0.26	139.86	S 40 8 E	0.09	200.00	0.6 150.8	0.53 S 0.30 E
300.00	0.43	139.62	S 40 23 E	0.16	300.00	1.2 145.3	0.99 S 0.69 E
400.00	0.31	118.02	S 61 59 E	0.18	399.99	1.8 140.3	1.40 S 1.16 E
500.00	0.36	124.29	S 55 42 E	0.06	499.99	2.4 135.8	1.70 S 1.66 E
600.00	0.51	121.09	S 58 55 E	0.15	599.99	3.1 132.6	2.11 S 2.29 E
700.00	0.87	119.09	S 60 54 E	0.37	699.98	4.3 129.0	2.70 S 3.34 E
800.00	1.15	104.80	S 75 12 E	0.37	799.97	6.0 123.8	3.33 S 4.97 E
900.00	1.53	104.30	S 75 42 E	0.38	899.94	8.2 118.4	3.92 S 7.24 E
1000.00	1.59	105.52	S 74 29 E	0.07	999.90	10.9 115.1	4.62 S 9.86 E
1100.00	1.49	106.96	S 73 3 E	0.11	1099.87	13.5 113.3	5.37 S 12.44 E
1200.00	1.15	116.22	S 63 47 E	0.39	1199.84	15.8 113.0	6.19 S 14.58 E
1300.00	1.00	111.90	S 68 6 E	0.18	1299.82	17.7 113.1	6.96 S 16.30 E
1400.00	0.92	130.56	S 49 26 E	0.32	1399.81	19.4 113.8	7.80 S 17.71 E
1500.00	0.56	138.33	S 41 40 E	0.37	1499.80	20.6 115.0	8.69 S 18.64 E
1600.00	0.27	200.61	S 20 37 W	0.49	1599.80	21.0 116.2	9.27 S 18.88 E
1700.00	0.63	191.92	S 11 55 W	0.37	1699.80	21.2 118.2	10.04 S 18.69 E
1800.00	3.22	174.16	S 5 50 E	2.62	1799.73	23.1 125.3	13.37 S 18.86 E
1900.00	5.58	176.99	S 3 1 E	2.37	1899.43	28.6 137.3	21.02 S 19.40 E

A Gyrodata Directional Survey

Yates Petroleum

Well: WALT CANYON "AMA" FED #6, 7" CASING

Location: BASIC #1305, EDDY COUNTY, N.M.

Job Number: MD1103GW314

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2000.00	8.68	165.78	S 14 13 E	3.38	1998.65	39.6 147.1	33.20 S 21.51 E
2100.00	11.01	152.60	S 27 24 E	3.23	2097.18	56.3 150.5	48.99 S 27.76 E
2200.00	12.78	148.97	S 31 2 E	1.92	2195.03	76.9 150.5	66.94 S 37.85 E
2300.00	14.62	144.32	S 35 41 E	2.15	2292.19	100.5 149.6	86.67 S 50.92 E
2400.00	17.12	143.37	S 36 38 E	2.51	2388.37	127.7 148.3	108.73 S 67.06 E
2500.00	18.10	142.24	S 37 46 E	1.05	2483.68	157.9 147.3	132.83 S 85.36 E
2600.00	19.05	139.44	S 40 34 E	1.30	2578.47	189.6 146.2	157.51 S 105.49 E
2700.00	19.61	139.24	S 40 45 E	0.56	2672.83	222.5 145.2	182.62 S 127.06 E
2800.00	19.80	139.44	S 40 34 E	0.20	2766.98	256.0 144.4	208.20 S 149.02 E
2900.00	20.15	140.12	S 39 53 E	0.42	2860.96	290.1 143.9	234.28 S 171.08 E
3000.00	20.46	139.51	S 40 30 E	0.38	2954.75	324.7 143.4	260.79 S 193.47 E
3100.00	20.92	139.82	S 40 11 E	0.47	3048.30	360.0 143.1	287.72 S 216.34 E
3200.00	19.96	138.95	S 41 3 E	1.01	3142.00	394.8 142.7	314.23 S 239.06 E
3300.00	20.20	140.01	S 39 59 E	0.44	3235.93	429.1 142.5	340.33 S 261.36 E
3400.00	20.41	140.65	S 39 21 E	0.31	3329.71	463.8 142.3	367.05 S 283.52 E
3500.00	20.86	140.36	S 39 38 E	0.46	3423.29	499.0 142.2	394.24 S 305.93 E
3600.00	21.34	139.75	S 40 15 E	0.53	3516.59	535.0 142.0	421.85 S 329.05 E
3700.00	20.22	141.10	S 38 54 E	1.22	3610.08	570.5 141.9	449.19 S 351.66 E
3800.00	19.57	140.65	S 39 21 E	0.67	3704.11	604.5 141.9	475.59 S 373.13 E
3900.00	19.89	141.17	S 38 50 E	0.36	3798.24	638.2 141.8	501.79 S 394.42 E
4000.00	20.67	141.30	S 38 42 E	0.78	3892.04	672.9 141.8	528.81 S 416.12 E
4100.00	20.04	141.81	S 38 11 E	0.65	3985.80	707.7 141.8	556.05 S 437.75 E
4200.00	20.15	142.39	S 37 37 E	0.23	4079.71	742.0 141.8	583.17 S 458.86 E

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Location: BASIC #1305, EDDY COUNTY, N.M.

Job Number: MD1103GW314

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4300.00	19.94	142.74	S 37 16 E	0.25	4173.65	776.3 141.8	610.38 S 479.69 E
4400.00	19.45	143.32	S 36 41 E	0.52	4267.80	810.0 141.9	637.31 S 499.96 E
4500.00	18.17	149.44	S 30 34 E	2.35	4362.47	842.1 142.1	664.09 S 517.83 E
4600.00	12.24	159.41	S 20 35 E	6.46	4458.94	867.7 142.4	687.46 S 529.50 E
4700.00	14.79	149.64	S 30 22 E	3.41	4556.18	890.5 142.7	708.40 S 539.68 E
4800.00	16.67	152.44	S 27 34 E	2.04	4652.43	917.4 142.9	732.13 S 552.77 E
4900.00	19.44	144.12	S 35 53 E	3.77	4747.51	948.2 143.1	758.34 S 569.17 E
5000.00	20.32	137.55	S 42 27 E	2.40	4841.56	982.1 143.0	784.63 S 590.64 E
5100.00	19.42	142.63	S 37 22 E	1.95	4935.62	1016.0 142.9	810.66 S 612.45 E
5200.00	20.87	140.53	S 39 28 E	1.63	5029.50	1050.4 142.9	837.62 S 633.87 E
5300.00	20.02	143.52	S 36 29 E	1.34	5123.20	1085.3 142.9	865.14 S 655.37 E
5400.00	20.80	144.08	S 35 55 E	0.80	5216.92	1120.2 142.9	893.29 S 675.97 E
5500.00	20.24	141.52	S 38 29 E	1.06	5310.57	1155.3 142.9	921.21 S 697.15 E
5600.00	20.21	139.32	S 40 41 E	0.76	5404.41	1189.8 142.8	947.85 S 719.18 E
5700.00	19.40	126.88	S 53 7 E	4.29	5498.54	1223.0 142.5	970.93 S 743.73 E
5800.00	18.72	142.19	S 37 49 E	5.03	5593.11	1255.1 142.3	993.58 S 766.86 E
5900.00	21.07	141.84	S 38 9 E	2.35	5687.14	1289.1 142.3	1020.40 S 787.81 E
6000.00	20.64	146.97	S 33 2 E	1.88	5780.60	1324.7 142.4	1049.31 S 808.52 E
6100.00	21.50	143.37	S 36 38 E	1.56	5873.91	1360.6 142.5	1078.80 S 829.07 E
6200.00	21.41	142.94	S 37 4 E	0.19	5966.98	1397.1 142.5	1108.07 S 851.00 E
6300.00	21.45	142.36	S 37 38 E	0.22	6060.07	1433.7 142.5	1137.11 S 873.17 E
6400.00	21.39	139.56	S 40 26 E	1.02	6153.16	1470.2 142.4	1165.48 S 896.16 E
6500.00	21.23	142.47	S 37 32 E	1.07	6246.33	1506.5 142.4	1193.72 S 919.03 E

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Yates Petroleum
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Location: BASIC #1305, EDDY COUNTY, N.M.
Job Number: MD1103GW314

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
6600.00	21.18	150.49	S 29 31 E	2.90	6339.57	1542.5 142.5	1223.81 S 938.96 E
6700.00	21.62	146.57	S 33 26 E	1.50	6432.69	1578.8 142.6	1254.90 S 958.00 E
6800.00	21.78	142.44	S 37 33 E	1.53	6525.60	1615.7 142.7	1284.99 S 979.46 E
6900.00	21.68	141.38	S 38 37 E	0.41	6618.50	1652.7 142.7	1314.13 S 1002.30 E
7000.00	20.98	138.49	S 41 31 E	1.26	6711.65	1689.1 142.6	1341.97 S 1025.70 E
7100.00	20.96	141.46	S 38 32 E	1.06	6805.03	1724.8 142.6	1369.37 S 1048.71 E
7200.00	21.12	138.83	S 41 10 E	0.96	6898.36	1760.7 142.5	1396.93 S 1071.72 E
7300.00	21.15	150.94	S 29 4 E	4.36	6991.67	1796.5 142.6	1426.28 S 1092.36 E
7400.00	18.94	147.24	S 32 46 E	2.55	7085.61	1830.6 142.7	1455.70 S 1109.91 E
7500.00	15.73	146.50	S 33 30 E	3.22	7181.06	1860.3 142.7	1480.66 S 1126.18 E
7600.00	13.14	159.53	S 20 28 E	4.14	7277.92	1884.7 142.9	1502.62 S 1137.64 E
7700.00	8.59	164.02	S 15 59 E	4.62	7376.10	1902.6 143.0	1520.45 S 1143.68 E
7800.00	5.82	157.15	S 22 51 E	2.90	7475.31	1914.5 143.2	1532.31 S 1147.70 E
7900.00	3.43	166.15	S 13 51 E	2.49	7574.97	1922.1 143.2	1539.88 S 1150.39 E
8000.00	1.00	156.38	S 23 37 E	2.45	7674.89	1925.8 143.3	1543.59 S 1151.45 E
8100.00	0.70	269.26	S 89 16 W	1.43	7774.89	1926.2 143.3	1544.40 S 1151.19 E
8200.00	0.45	257.47	S 77 28 W	0.28	7874.88	1925.7 143.3	1544.49 S 1150.19 E
8300.00	0.64	289.07	N 70 56 W	0.35	7974.88	1925.1 143.3	1544.40 S 1149.29 E
8400.00	0.92	268.89	S 88 54 W	0.39	8074.87	1924.2 143.4	1544.23 S 1147.96 E
8500.00	1.38	263.26	S 83 16 W	0.48	8174.85	1923.1 143.4	1544.39 S 1145.96 E

Final Station Closure: Distance: 1923.11 ft Az: 143.42 deg.