

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other										5. Lease Serial No. NM-81218	
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other:										6. If Indian, Allottee or Tribe Name	
2. Name of Operator Yates Petroleum Corporation										7. Unit or CA Agreement Name and No.	
3. Address 105 S. 4th Str., Artesia, NM 88210					3a. Phone No. (include area code) 505-748-1471					8. Lease Name and Well No. Brannigan ANF Federal #9	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 105'FSL & 457'FWL (Unit M, SWSW) At top prod. Interval reported below Same as above At total depth 706'FNL & 734'FWL (Unit D, NWNW)										9. API Well No. 30-015-33734	
RECEIVED MAR 17 2005 ODD-ARTESIA										10. Field and Pool, or Exploratory Indian Basin Upper Penn	
										11. Sec., T., R., M., on Block and Survey or Area Sec. 31-T21S-R24E-Surface Sec. 6-T22S-R24E-BHL	
12. County or Parish										13. State Eddy New Mexico	
14. Date Spudded RH 12/12/04 RT 12/15/04			15. Date T.D. Reached 1/20/05			16. Date Completed 2/3/05 ☐ D & A ☒ Ready to Prod.			17. Elevations (DF, RKB, RT, GL)* 3936'GL 3954'KB		
18. Total Depth: MD 10,000' TVD NA			19. Plug Back T.D.: MD 8150' TVD NA			20. Depth Bridge Plug Set: MD 8150' TVD NA					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, Hi-Res Laterolog Array					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		
26"	20"	Cond.	Surface	40'				Surface			
14-3/4"	9-5/8"	36#	Surface	2330'		2355 sx		Surface			
8-3/4"	7"	26#	Surface	8600'		1125 sx		Surface			
6-1/8"	4-1/2"	11.6#	8276'	10,000'		151 sx		TOL			
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	26. Perforation Record							
A) Canyon		7604'	8014'	Perforated Interval	Size	No. Holes	Perf. Status				
B)				SEE ATTACHED SHEET							
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval		Amount and Type of Material									
7604'-8014'		Acidize w/10,000g 20% gelled IC HCL + 3500# rock salt									
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		
2/4/05	3/14/05	24	↻	0	1855	732	NA	NA	Pumping		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status			
NA	NA	70 psi	↻	0	1855	732	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
				San Andres	542'
				Bone Spring	3048'
				1st Bone Spring	3214'
				2nd Bone Spring	4046'
				3rd Bone Spring	6806'
				Wolfcamp	6907'
				Upper Penn	7604'
				Strawn	8496'
				Atoka	9193'
				Morrow	9589'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

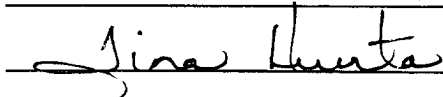
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print)

Tina Huerta

Title Regulatory Compliance Supervisor

Signature



Date March 14, 2005

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.

Yates Petroleum Corporation
Brannigan ANF Federal #9
Eddy County, New Mexico

Form 3160-4 continued:

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf Status
7604'-7654'	.42"	239 total holes	Producing
7670'-7680'	.42"		Producing
7704'-7774'	.42"		Producing
7810'-7824'	.42"		Producing
7852'-7874'	.42"		Producing
7898'-7926'	.42"		Producing
7950'-7962'	.42"		Producing
7970'-7990'	.42"		Producing
8010'-8014'	.42"		Producing

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

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-102

Revised March 17, 1999

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED

MAY 31 2005

MOD-ARTESIA AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33734	Pool Code	Pool Name Indian Basin Upper Penn Assoc.
Property Code 14056	Property Name Brannigan ANF Federal	Well Number 9
OGED No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3936'

Surface Location

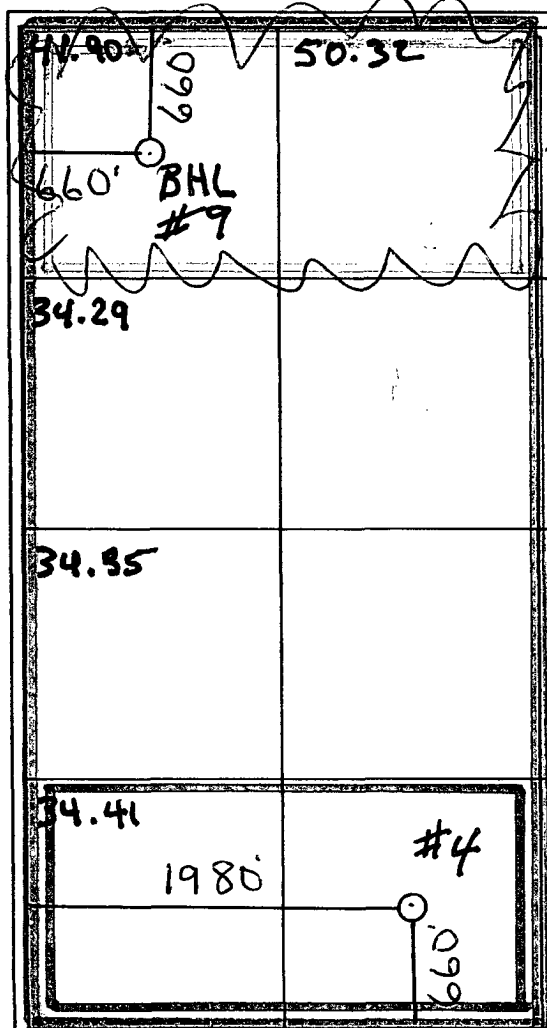
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	31	21S	24E		105'	South	457'	West	Eddy

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	6	22S	24E		660'	North	660'	West	Eddy

Dedicated Acres 315.17	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Cy Cowan Printed Name Regulatory Agent Title May 27, 2005 Date 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 belief. REFER TO ORIGINAL PLAT. Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Herschel L. Jones RLS 3640 GENERAL SURVEYING COMPANY
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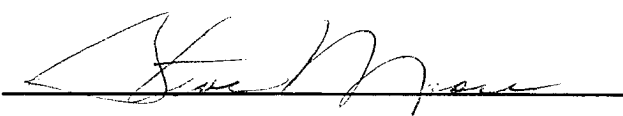
OPERATOR YATES PETROLEUM
WELL/LEASE BRANNIGAN ANF FEDERAL #9
COUNTY EDDY, NM

142-0030

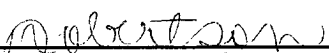
STATE OF NEW MEXICO
DEVIATION REPORT

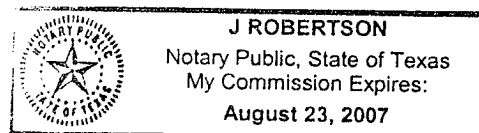
208	1/2
375	3/4
559	1
746	3/4
934	2 3/4
1,075	3
1,130	2 3/4
1,226	2 1/4
1,318	2 1/4
1,406	2
1,480	1 3/4
1,766	2
1,961	2
2,054	1 1/2
2,290	1 1/4

STATE OF TEXAS
COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me on January 31, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.


Notary Public for Midland County, Texas
My Commission Expires: 8/23/07



Brannigan 'ANF' Federal #9

MD ft	Inc. deg	Azimuth deg	TVD ft	+N / -S ft	+E / -W ft	VS ft	DLS deg/100'	Build deg/100'	Turn deg/100'	Comment
2664	0.42	65.72	2663.18	38.76	36.82	0.18	0	0	0	Tie-In
2772	2.46	140.18	2771.14	37.14	38.67	2.63	2.21	1.89	68.94	
2868	4.22	139.57	2866.97	32.87	42.28	8.19	1.83	1.83	-0.64	
2964	5.19	146.69	2962.65	26.55	46.95	15.92	1.18	1.01	7.42	
3060	6.42	145.55	3058.16	18.5	52.37	25.39	1.29	1.28	-1.19	
3156	7.56	148.97	3153.44	8.66	58.66	36.72	1.26	1.19	3.56	
3252	8.27	146.25	3248.53	-2.49	65.76	49.53	0.84	0.74	-2.83	
3348	8.44	143.88	3343.51	-13.92	73.74	63.19	0.4	0.18	-2.47	
3444	9.15	140.36	3438.38	-25.49	82.77	77.69	0.93	0.74	-3.67	
3541	10.46	143	3533.96	-38.46	92.99	94.03	1.43	1.35	2.72	
3637	12.75	145.11	3627.99	-54.12	104.29	112.99	2.43	2.39	2.2	
3732	14.16	146.34	3720.38	-72.39	116.73	134.58	1.51	1.48	1.29	
3827	14.42	143.88	3812.44	-91.61	130.14	157.53	0.7	0.27	-2.59	
3923	15.83	143.17	3905.12	-111.75	145.04	182.18	1.48	1.47	-0.74	
4019	16.97	142.47	3997.21	-133.34	161.42	208.92	1.21	1.19	-0.73	
4115	19.52	143.96	4088.38	-157.43	179.4	238.52	2.7	2.66	1.55	
4209	21.54	143.88	4176.4	-184.07	198.81	270.92	2.15	2.15	-0.09	
4305	21.63	141.24	4265.67	-212.1	220.28	305.78	1.02	0.09	-2.75	
4401	22.07	137.2	4354.78	-239.13	243.61	341.3	1.63	0.46	-4.21	
4497	21.9	137.11	4443.8	-265.48	268.05	377.16	0.18	-0.18	-0.09	
4592	21.72	135.44	4532	-290.99	292.44	412.4	0.68	-0.19	-1.76	
4688	21.37	135.35	4621.29	-316.09	317.2	447.63	0.37	-0.36	-0.09	
4784	20.84	135	4710.85	-340.6	341.56	482.18	0.57	-0.55	-0.36	
4879	20.4	133.15	4799.77	-363.88	365.59	515.63	0.83	-0.46	-1.95	
4975	19.52	130.43	4890	-385.72	390.01	548.38	1.33	-0.92	-2.83	
5071	18.64	128.93	4980.73	-405.77	414.15	579.7	1.05	-0.92	-1.56	
5168	18.64	130.69	5072.64	-425.61	437.97	610.64	0.58	0	1.81	
5264	19.35	133.95	5163.41	-446.65	461.05	641.87	1.33	0.74	3.4	
5360	20.4	127.97	5253.7	-467.99	485.69	674.43	2.38	1.09	-6.23	
5455	21.1	129.73	5342.54	-489.11	511.9	707.99	0.99	0.74	1.85	
5551	21.37	133.42	5432.03	-512.17	537.89	742.72	1.42	0.28	3.84	
5647	21.37	130.34	5521.43	-535.52	563.93	777.68	1.17	0	-3.21	
5743	21.1	131.75	5610.91	-558.35	590.15	812.42	0.6	-0.28	1.47	
5839	20.75	133.51	5700.58	-581.56	615.38	846.7	0.75	-0.36	1.83	
5935	20.58	131.13	5790.41	-604.37	640.42	880.57	0.89	-0.18	-2.48	
6030	18.91	132.27	5879.82	-625.71	664.39	912.65	1.8	-1.76	1.2	
6126	17.94	131.13	5970.9	-645.9	687.04	942.98	1.08	-1.01	-1.19	
6223	16.71	133.86	6063.5	-665.39	708.35	971.85	1.52	-1.27	2.81	
6319	16.53	135.09	6155.49	-684.62	727.94	999.3	0.41	-0.19	1.28	
6414	15.21	134.65	6246.86	-702.95	746.35	1025.27	1.4	-1.39	-0.46	
6510	15.04	133.86	6339.54	-720.43	764.29	1050.31	0.28	-0.18	-0.82	
6606	13.89	130.08	6432.49	-736.48	782.09	1074.27	1.55	-1.2	-3.94	
6702	11.87	132.71	6526.08	-750.6	798.16	1095.65	2.19	-2.1	2.74	
6798	11.52	137.55	6620.08	-764.37	811.89	1115.09	1.08	-0.36	5.04	
6893	10.11	137.29	6713.39	-777.5	823.94	1132.87	1.49	-1.48	-0.27	
6989	8.18	137.02	6808.17	-788.69	834.32	1148.09	2.01	-2.01	-0.28	
7084	5.9	134	6902.45	-797.02	842.44	1159.72	2.43	-2.4	-3.18	
7180	4.04	134.47	6998.08	-802.82	848.4	1168.03	1.94	-1.94	0.49	
7276	3.61	121.29	7093.87	-806.76	853.4	1174.37	1.02	-0.45	-13.73	
7372	1.76	107.23	7189.76	-808.77	857.39	1178.65	2.03	-1.93	-14.65	
7468	1.76	134.65	7285.72	-810.24	859.84	1181.45	0.87	0	28.56	Survey Bit Proj.
7565	0.88	96.24	7382.69	-811.37	861.64	1183.53	1.24	-0.91	-39.6	
7635	0.88	96.24	7452.69	-811.48	862.71	1184.39	0	0	0	

Note: BHL @ 7,635' = 706.48 FNL, 733.61' FWL - S6 T22S R24E per Ron McIntyre @ Pathfinder.

3/4" 8675
1/2" 9152
3/4" 9632
1/4" 9975
Brannigan 9
"Toto"
Survey