

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO 1004-0137
Expires October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBS OCD

5. Lease Serial No.
NM-0245247

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.
 Other: Additional perms in Delaware formation

AUG 27 2015

6. If Indian Allottee or Tribe Name

7. Unit or CA Agreement Name and No

RECEIVED

2. Name of Operator
McElvain Energy, Inc.

8. Lease Name and Well No.
McElvain #8

3. Address: 1050 17th St, Suite 2500, Denver, CO 80265
 3a. Phone No. (include area code)
303-893-0933 ext 304

9. API Well No.
30-025-38012

4. Location of Well: (Report location clearly and in accordance with Federal requirements)
 660 FWL & 1905 FSL (NWSW) Sec. 30, T18S-R34E N.M.P.M.
 At surface same (Lat. = 32 deg 42' 59.66" Long = 103 deg 36' 19.20")
 At top prod. interval reported below
 At total depth same

10. Field and Pool or Exploratory
EK Delaware

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

12. County or Parish
Lea

13. State
NM

14. Date Spudded
09/26/2007

15. Date T.D. Reached
10/07/2007

16. Date Completed
06/10/2015
 D & A Ready to Prod

17. Elevations (DF, RKB, RT, GL)*
3884' GL, 3894' KB

18. Total Depth MD 6,036'
TVD 6,036'

19. Plug Back T.D. MD 5,953'
TVD 5,953'

20. Depth Bridge Plug Set MD na
TVD na

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
 No additional logs were run. Original logs run in 2007 were submitted 02/11/2008.

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)	Stage/Cement/Depth	No. of Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
26"	14"		Surface	80'		10 yards		Surface	0 - Conductor Pipe
11"	8.625"/J55	32 #/ft	Surface	1,728' KB	na	465 sx C LEAD	140 bbls	Surface	0 - Surface Casing
						200 sx C TAIL	48 bbls		
7-7/8"	5.5"/J55	17 #/ft	Surface	6,036' KB	na	1370 sx C LEAD	461 bbls	Surface	0 - Production Casing
						600 sx C TAIL	135 bbls		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2"875"	5,916' KB							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	5,370' KB	6,036' (TD)	5,416' to 5,420'	0.42	24	Producing
B) Delaware	5,370' KB	6,036' (TD)	5,771' to 5,780'	0.41	27	Producing
C)						
D)						

27. Acid Fracture Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5,416' to 5,420' KB	2,000 gals 15% HCl Acid Frac w/44,000 lbs 30/50 sand in 33,558 gals water
5,771' to 5,780' KB	1,200 gals 15% NeFe Acid Frac w/76,000 lbs 16/30 & 14/30 sand in 56,552 gals water

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
6/14/15	6/14/15	15	→	47	39	50			Swab testing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Production Method
na	na	100 psi	→	65	42	47	646:1	Producing up tubing with beam pumping unit	

ACCEPTED FOR RECORD
 AUG 6 2015
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

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. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Production Method
			→						

* (See instructions and spaces for additional data on page 2)

SEP 09 2015

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 SI	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 SI	Csg. Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

Will be produced into Frontier Field Services pipe line and 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	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Penrose	4,698'	4,704'	Untested, Possibly Hydrocarbons	Salt	1,930'
1st Delaware	5,415'	5,421'	Oil, Gas, Water	Yates	3,242'
2nd Delaware	5,771'	5,780'	Oil, Gas, Water	7 Rivers	3,664'
				Queen	4,426'
				Penrose	4,697'
				San Andres	5,074'
				Delaware	5,370'

32. Additional remarks (include plugging procedure)

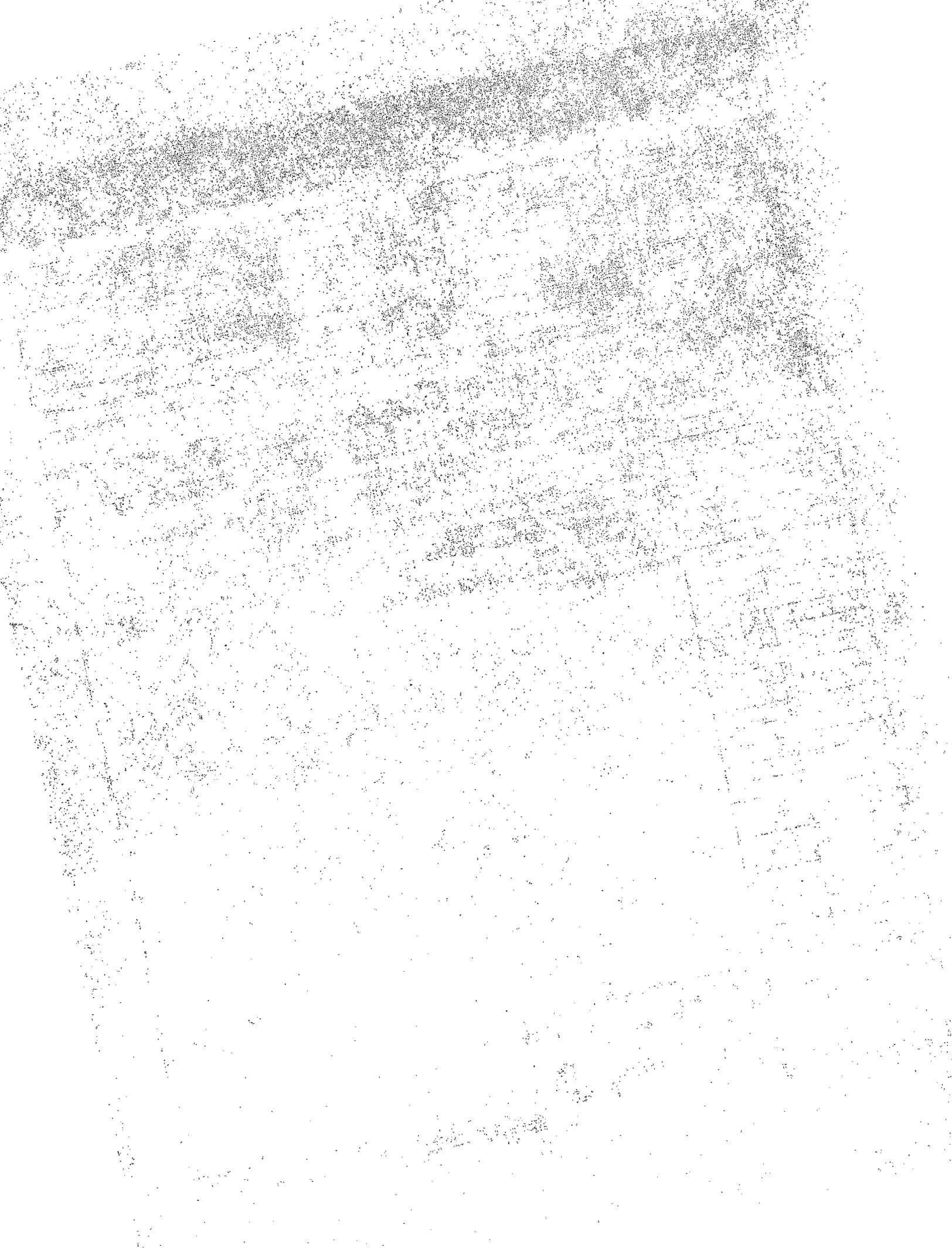
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Inclination Survey Shots included in original 2/11/2008 submittal

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) Chris Caplis Title VP. Drilling & Completions
 Signature  Date 06/22/2015

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.



McElvain Energy, Inc.

Remedial Report

Well Name	McElvain # 8	Date	6/12/2015	Friday	Report No.	6
Location	NWSW Sec 30 T18S R34E	County	Lea	State	New Mexico	
API #	30-025-38012	Lease #	NM0245247	GLKB	3884 GF-3894 KB	
Latitude	32 deg 42' 59.66 N	Longitude	103 deg 36' 19.20 W			
ID	6036	PBID	5984	Rig # op	Company	Tyler Well Service
Casing Size	5 1/2	Depth Set		Liner Size	From	
Tubing Size	2 7/8	Depth Set	5920	S/N	5889	TAC 5633
Perforations	5771-5780 3-SPF 5417-5420 6-SPF					

Summary of Operations	1st Delaware Re-Completion
Current Operations	Swab well

Description of Operations

Time	Hours	Description of Operations
08:00-19:00	11.00	tailgate safety meeting
		SIP casing 100psi
		SIP tubing 0 psi
		1 4200' from surf. All water
		2 4500' from surf. All water
		3 4200' from surf. 1% oil cut
		4 4250' from surf. 20% oil cut
		5 4200' from surf. 20% oil cut
		6 4350' from surf. 20% oil cut
		7 4500' from surf. 30% oil cut
		8 4500' from surf. 25% oil cut
		9 4500' from surf. 20% oil
		10 4500' from surf. 20% oil
		11 4500' from surf. 20% oil
		12 4300' from surf. 20% oil
		13 4200' from surf. 20% oil
		14 4200' from surf. 20% oil
		15 4200' from surf. 20% oil
		16 4200' from surf. 20% oil
		17 4100' from surf. 20% oil
		122 bbls total swab.
		Shut well in, shut down.

Costs	To Day		Cummm	
Tangible	\$0		\$0	
Intangible	\$4,201		\$73,228	
Total	\$4,201		\$73,228	

Total 11:00

Supervisor: Joe McManes

McElvain Energy, Inc.

Remedial Report

Well Name	McElvain # 8	Date	6/13/2015	Saturday	Report No	7
Location	NWSW Sec. 30 T18S-R34E	County	Lea	State	New Mexico	
API#	30-025-38012	Lease #	NM0245247	GL KB	3884 GF-3894-KB	
Latitude	32 deg 42' 59.66" N	Longitude	103 deg. 36" 19.20" W			
ID	6,036	PBTD	5984	Rig # op	Company	Tyler Well Service
Casing Size	5 1/2	Depth Set		Liner Size	From	
Tubing Size	2 7/8	Depth Set	5920	S N	5889	TAC 5633
Perforations	5771-5780 3-SPF .5417-5420 6 - SPF					

Summary of Operations	1st Delaware Re-Completion
Current Operations	Hang well on.

Description of Operations

Time	Hours	Description
	7.00	SIP=Tubing = 100 psi
		SIP=Casing = 350 psi
		Open well up
		Made swab run, fluid at 4500 from surf. 40% oil cut.
		Rig down swab equip.
		RIH w/pump and rods
		Space well out & hang on.
		Took 22 bbls to load, test to 500 psi. Pump up to 500 psi
		Clean up location, stayed rigged up.
		Shut down.
		Unit on hand going to production.
		RODS
		1 1/4 x 1 1/2 x 10' liner
		polish rod
		#1-7/8 pony rod
		# 82- 7/8 rods
		# 148- 3/4 rods
		# 4- 1.5 K-bars
		26 K shear tool
		7/8 x 4' centralizer
		2 1/2 x 1 1/2 x 16' pump
		1.5 x 12' gas anchor

Costs			
	To Day	Cumm	
Tangible	\$0	\$0	\$0
Intangible	\$3,215	\$76,443	
Total	\$3,215	\$76,443	

Total	7.00	Supervisor	Joe McManes
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Tubing Tally

		Tubing			Casing		Liner
SN		Description:	J-55	Length	5.984	Length	
Packer		Weight / ft.	6.5	Weight / ft.	17	Weight / ft.	
Sub		Ø.D.	2.875	Ø.D.	5.5	Ø.D.	
KB	10.00	I.D.	2.25	I.D.	4.892	I.D.	
Floor		Grade	J-55	Grade	J-55	Grade	
		Drift	2.25	Drift	4.653	Drift	
Total	10.00	Capacity:	0.00579	Capacity:	0.0232	Capacity:	

Well: McElvain # 8 pro-string Date: 6/11/2015

Joint #	Description	Ø.D.	I.D.	Drift	Length per joint	Running Depth	Total Weight	Tubing Capacity	Annular Capacity	CAPACITY W/ TUBING
1	J-55	2.875	2.25	2.25	64.41					
2					63.27	127.68				
3					63.23	190.91				
4					63.30	254.21				
5					63.30	317.51				
6					63.14	380.65				
7					63.30	443.95				
8					63.35	507.30				
9					63.21	570.51				
10					63.35	633.86				
11					63.25	697.11				
12					63.26	760.37				
13					63.27	823.64				
14					63.22	886.86				
15					63.45	950.31				
16					63.26	1013.57				
17					63.27	1076.84				
18					63.30	1140.14				
19					63.21	1203.35				
20					63.30	1266.65				
21					63.24	1329.89				
22					63.30	1393.19				
23					63.14	1456.33				
24					63.23	1519.56				
25					63.21	1582.77				
26					63.18	1645.95				
27					63.20	1709.15				
28					63.23	1772.38				
29					63.27	1835.65				
30					63.35	1899.00				
31					63.21	1962.21				
32					63.37	2025.58				
33					64.72	2090.30				
34					64.51	2154.81				
35					63.41	2218.22				
36					64.56	2282.78				
37					63.21	2345.99				
38					65.51	2411.50				
39					63.35	2474.85				
40					63.40	2538.25				
41					65.40	2603.65				
42					65.55	2669.20				

McELVAIN ENERGY, INC.

McELVAIN #8

1,905' FSL 660' FWL (NWSW - "L")
 Sec. 30, T18S-R34E
 Lea County, NM

PROPOSED 1st Delaware Recompletion Schematic

OGRID: 22044
 Lease: NM-0245247

KB: 3,884'
 GL: 3,894'
 26" Hole

Lat: 32.7165720 deg. Lon: -103.60533 deg.
 CBL TOC: Surface (10/23/2007)
 14" Conductor set at 80'. (11/01/1984)
 M&P 10 yards Ready-Mix

Spud: 09/26/2007
 TD: 10/07/2007
 Completed: 12/14/2007
 Pool: EK Delaware; Dedicated Acres: 40
 Pool Code: 21655
 Property Code: 302305

Rustler 1,623'

11" Hole

42 jts, New 8.625" 32#, J-55-STC set at 1,728' in 1,733' of 11" hole.
 M&P 465 sx "C" + additives @13.5 ppg, $\gamma = 1.75$ Lead; 200 sx "C" + additives @14.8 ppg, $\gamma = 1.34$ Tail.
 Circulated 100 sx cement to pit (09/27/2007).

Top Salt 1,930'

12.25" Hole

Yates 3,242'

7 Rivers 3,664'

Queen 4,426'

Penrose 4,697'

San Andres 5,074'

Delaware 5,370'

1st Delaware 5,415'

2nd Delaware 5,370'

7.875" Hole

PBTD 5,953'
 TD 6,036'

1st Delaware Recomplete Tubing Detail

10:00	KB
163 jts	5:233:13 - 5:243:13 2.875" 6.5 lb N-80 Tubing
TAC	3:50 - 5:246:63 5.5" TAC
8 jts	5:256:84 - 5:503:47 2.875" 6.5 lb N-80 Tubing
SN	1:10 - 5:504:57 Seat Nipple Btm perf. 5:420
MA	3:07 - 5:534:64 Mud Anchor
174 jts	5:534:64 - EOT

1st Delaware Recomplete Rod Detail

10:00	KB
2:00	2:00 Space Out
Ponies	2:22:00 - 2:24:00 7/8" Rod Subs
76	1:900:00 - 1:924:00 7/8" ID Sucker Rods
138	3:450:00 - 5:374:00 3/4" ID Sucker Rods
74	1:100:00 - 5:474:00 3/4" K Bars
Pony	4:00 - 5:478:00 3/4" Rod Sub
Pump	16:00 - 5:494:00 2-1/2" x 1-1/2" x 16' RWBC
2:14	5:504:00

1st Delaware Recompletion (06/10/2015)

2,000 gals 15% HCl NeFe Acid @3-5 bpm. Frac with 30,000 gals 20# XL borate gel and 44,000# 20/40 Brady sand @25-30 bpm.
 5,416' 5,420' 4' 24 shots 6 spf, 0.42", 60 deg

2nd Delaware Completion (11/19/2007)

1,200 gals 15% HCl NeFe Acid. Frac with 30,000 gals 10# linear gel pad and 15,000# "Siber Prop", 61,000# 16/30 white, 8,000# 14/30 "Lite Prop" in, 25,000 gals XL gel
 R_{avg}: 30 bpm @1,840 psi; ISIP: 1,658 psi FG: 0.73 psi/ft

5.5", 17#, J-55, LTC set at 6,036'. M&P 1,370 sx (461 bbls) 35:45-Poz "C" @12.8 ppg, $\gamma = 1.89$ Lead, 600 sx (135 bbls) "C" @14.8 ppg, $\gamma = 1.33$ Tail.
 Circulated cement to surface. (10/09/2007)