Page 1 of 7

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Well Name: ROSA UNIT Well Location: T31N / R6W / SEC 12 /

SENW / 36.91613 / -107.41551

County or Parish/State: RIO

ARRIBA / NM

Well Number: 149C

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

**Unit or CA Number:** 

Lease Number: NMSF078767

Unit or CA Name: ROSA UNIT, ROSA

UNIT--MV

NMNM78407A, NMNM78407E

**US Well Number:** 3003930723

Operator: LOGOS OPERATING LLC

### **Notice of Intent**

Sundry ID: 2797433

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 06/26/2024 Time Sundry Submitted: 03:14

Date proposed operation will begin: 06/26/2024

**Procedure Description:** The Rosa Unit 149C is at risk of pressure influence from the nearby Pad 24 completions. It is also an ideal candidate to install pressure monitoring equipment for Pad 24 completions. In order to minimize risk of high pressure at surface and monitor nearby completions, it is recommended to isolate the wellbore and actively monitor pressure via downhole gauge for a total well observation period of 9-12 months. See attached procedure.

## **Surface Disturbance**

Is any additional surface disturbance proposed?: No

### **NOI Attachments**

**Procedure Description** 

Rosa\_Unit\_149C\_\_\_Wellbore\_Isolation\_Procedure\_20240626151401.pdf

Received by OCD: WITHALL ROSEASANTM

Well Location: T31N / R6W / SEC 12 /

County or Parish/State: RIO ARRIBA / NM

SENW / 36.91613 / -107.41551

Allottee or Tribe Name:

Lease Number: NMSF078767

Type of Well: CONVENTIONAL GAS

Unit or CA Name: ROSA UNIT, ROSA UNIT--MV

**Unit or CA Number:** 

NMNM78407A, NMNM78407E

Page 2 of 7

**US Well Number: 3003930723** 

Well Number: 149C

Operator: LOGOS OPERATING LLC

### **Operator**

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Signed on: JUN 26, 2024 03:14 PM Operator Electronic Signature: ETTA TRUJILLO

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: Farmington State: NM

Phone: (505) 324-4154

Email address: ETRUJILLO@LOGOSRESOURCESLLC.COM

#### **Field**

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

### **BLM Point of Contact**

**BLM POC Name: KENNETH G RENNICK BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742 BLM POC Email Address: krennick@blm.gov

Disposition Date: 06/26/2024 Disposition: Approved

Signature: Kenneth Rennick

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# WELLBORE ISOLATION/PRESSURE MONITORING-NMOCD (2024)

Rosa Unit 149C 30-039-30723 1910' FNL & 2225' FWL Section 12, T31N, R06W Rio Arriba, New Mexico LAT: 36.9161072° N LONG: -107.4154968° W

Mesaverde/Mancos/Dakota

### **PROJECT OBJECTIVE:**

The Rosa Unit 149C is at risk of pressure influence from the nearby Pad 24 completions. It is also an ideal candidate to install pressure monitoring equipment for Pad 24 completions. In order to minimize risk of high pressure at surface and monitor nearby completions, it is recommended to isolate the wellbore and actively monitor pressure via downhole gauge for a total well observation period of 9-12 months.

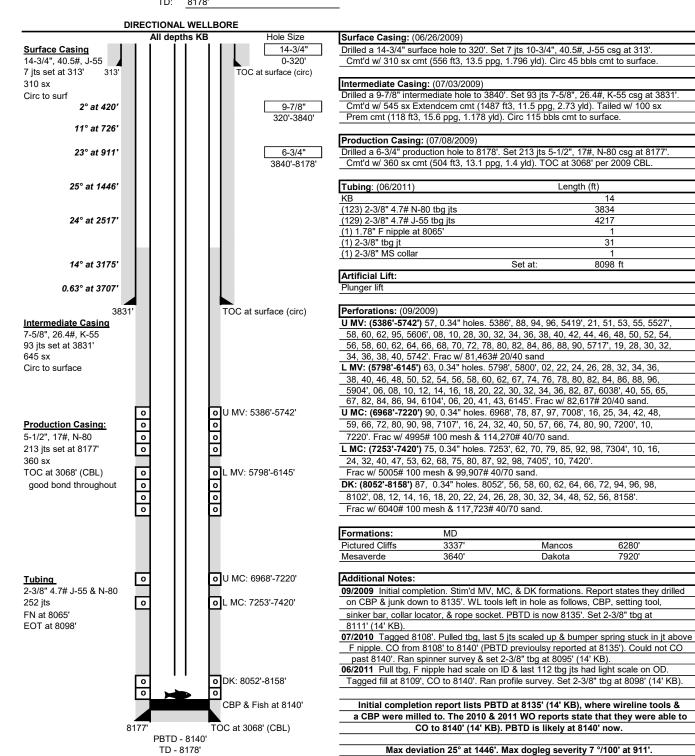
## **WORKOVER PROCEDURE:**

- 1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, and NMOCD rules and regulations.
- 2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line. Kill well if necessary.
- 3. Nipple down wellhead and nipple up BOP.
- 4. TOOH and stand back tubing.
- 5. Set bridge plug within 50' of the Dakota perforations.
- 6. TIH and set cement retainer at ~6918'.
- 7. RIH with pressure gauge and tubing and sting into retainer.
- 8. Leave well shut in during offset completions and post completions for pressure monitoring.
- 9. Once offset completions are complete and adequate pressure monitoring data has been collected, TOOH with tubing and laydown pressure gauge.
- 10. Trip in hole and mill out cement retainer and bridge plug.
- 11. Run 2-3/8" tubing back in hole and return well to production.



#### Wellbore Schematic

Well Name:	Rosa Unit 149C	
Location:	F-12-31N-06W 1910	' FNL & 2225' FWL
County:	Rio Arriba, NM	
API #:	30-039-30723	
Co-ordinates:	Lat 36.9161072, Long -	107.4154968 NAD83
Elevations:	GROUND:	6286'
	KB:	6300'
Depths (KB):	PBTD:	8140'
	TD.	8178'





#### **Proposed Isolation Wellbore Schematic**

Well Name:	Rosa Unit 149C	
Location:	F-12-31N-06W 1910	' FNL & 2225' FWL
County:	Rio Arriba, NM	
API #:	30-039-30723	
Co-ordinates:	Lat 36.9161072, Long -	107.4154968 NAD83
Elevations:	GROUND:	6286'
	KB:	6300'
Depths (KB):	PBTD:	8140'
	TD·	8178'

Date Prepared: 4/25/2024 Moss

Reviewed By:
Last Updated: 5/2009

Completion Date: 9/19/2009

Last Workover Date: 6/9/2011

#### **DIRECTIONAL WELLBORE** All depths KB Hole Size Surface Casing 14-3/4", 40.5#, J-55 14-3/4" 0 - 3207 jts set at 313' 313' TOC at surface (circ) 310 sx Circ to surf 2° at 420 9-7/8" 320'-3840 11° at 726' 6-3/4" 23° at 911' 3840'-8178' 25° at 1446' 24° at 2517' 14° at 3175' 0.63° at 3707 3831 TOC at surface (circ) Intermediate Casing 7-5/8", 26.4#, K-55 93 jts set at 3831' 645 sx Circ to surface o U MV: 5386'-5742' **Production Casing:** 0 0 0 5-1/2", 17#, N-80 0 213 jts set at 8177' 0 360 sx TOC at 3068' (CBL) L MV: 5798'-6145' 0 good bond throughout 0 0 0 0 0 CR at ~6918' Tubing o U MC: 6968'-7220' 2-3/8" 4.7# J-55 & N-80 o L MC: 7253'-7420' ~215 jts 0 FN at ~6907' CR at ~6918' EOT at ~6924' BP at ~8002' o DK: 8052'-8158' CBP & Fish at 8140' 8177 TOC at 3068' (CBL) PBTD - 8140'

Surface Casing: (06/26/2009)	
	0'. Set 7 jts 10-3/4", 40.5#, J-55 csg at 313'.
Cmt'd w/ 310 sx cmt (556 ft3, 13.5	5 ppg, 1.796 yld). Circ 45 bbls cmt to surface.
ntermediate Casing: (07/03/2009	9)
	o 3840'. Set 93 jts 7-5/8", 26.4#, K-55 csg at 3831'.
	(1487 ft3, 11.5 ppg, 2.73 yld). Tailed w/ 100 sx
Prem cmt (118 ft3, 15.6 ppg, 1.17	78 yld). Circ 115 bbls cmt to surface.
(,, 113)	
Production Casing: (07/08/2009)	
Orilled a 6-3/4" production hole to 8	3178'. Set 213 jts 5-1/2", 17#, N-80 csg at 8177'.
Cmt'd w/ 360 sx cmt (504 ft3, 13.	1 ppg, 1.4 yld). TOC at 3068' per 2009 CBL.
Fubing:	Length (ft)
	14
<u>⟨B</u> (~215) 2-3/8" 4.7# N-80 & J-55 tbg	
(1) 1.78" F nipple	<u>1</u>
(1) P-4000C Gauge Assembly	6
(1) 2-3/8" x 4' pup joint	4
(1) CR stinger	6
	Set at: 6924 ft
Artificial Lift:	
Plunger lift	_
Doubouchioner (00/2000)	
Perforations: (09/2009)	- F2001 00 04 00 F4401 04 F4 F2 FF FF271
E9 60 62 05 5606' 09 40 29	es. 5386', 88, 94, 96, 5419', 21, 51, 53, 55, 5527', 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54,
56, 59, 60, 62, 64, 66, 69, 70, 72	78, 80, 82, 84, 86, 88, 90, 5717', 19, 28, 30, 32, 34,
34, 36, 38, 40, 5742'. Frac w/ 81,4	
	s. 5798', 5800', 02, 22, 24, 26, 28, 32, 34, 36,
	60, 62, 67, 74, 76, 78, 80, 82, 84, 86, 88, 96,
	20, 22, 30, 32, 34, 36, 82, 87, 6038', 40, 55, 65,
	41, 43, 6145'. Frac w/ 82,617# 20/40 sand.
	es. 6968', 78, 87, 97, 7008', 16, 25, 34, 42, 48,
59, 66, 72, 80, 90, 98, 7107', 16, 3	24, 32, 40, 50, 57, 66, 74, 80, 90, 7200', 10,
7220'. Frac w/ 4995# 100 mesh &	41/270# 40/70 sand.
L MC: (7253'-7420') 75, 0.34" hole	s. 7253', 62, 70, 79, 85, 92, 98, 7304', 10, 16,
24, 32, 40, 47, 53, 62, 68, 75, 80,	
Frac w/ 5005# 100 mesh & 99,90	
DK: (8052'-8158') 87, 0.34" holes.	. 8052', 56, 58, 60, 62, 64, 66, 72, 94, 96, 98,
8102', 08, 12, 14, 16, 18, 20, 22,	24, 26, 28, 30, 32, 34, 48, 52, 56, 8158'.
Frac w/ 6040# 100 mesh & 117,72	
Formations: MD	
Pictured Cliffs 3337'	Mancos 6280'
Mesaverde 3640'	Dakota 7920'
Additional Notes:	
	MV, MC, & DK formations. Report states they drille
	L tools left in hole as follows, CBP, setting tool,
	socket. PBTD is now 8135'. Set 2-3/8" tbg at
	ocket. 1 D 1 D 16 How o 100 . Oct 2-0/0 thy at
8111' (14' KB).	

F nipple. CO from 8108' to 8140' (PBTD previoulsy reported at 8135'). Could not CO

Tagged fill at 8109', CO to 8140'. Ran profile survey. Set 2-3/8" tbg at 8098' (14' KB)

Initial completion report lists PBTD at 8135' (14' KB), where wireline tools & a CBP were milled to. The 2010 & 2011 WO reports state that they were able to

CO to 8140' (14' KB). PBTD is likely at 8140' now.

Max deviation 25° at 1446'. Max dogleg severity 7 °/100' at 911'.

past 8140'. Ran spinner survey & set 2-3/8" tbg at 8095' (14' KB). **06/2011** Pull tbg, F nipple had scale on ID & last 112 tbg jts had light scale on OD.

TD - 8178'



#### **Proposed Wellbore Schematic - Return to Production**

Well Name:	Rosa Unit 149C	
Location:	F-12-31N-06W 1910	' FNL & 2225' FWL
County:	Rio Arriba, NM	
API #:	30-039-30723	
Co-ordinates:	Lat 36.9161072, Long -	107.4154968 NAD83
Elevations:	GROUND:	6286'
	KB:	6300'
Depths (KB):	PBTD:	8140'
	TD·	8178'

4/25/2024 Moss Date Prepared: Reviewed By: Last Updated: Spud Date: 6/25/2009 Completion Date: 9/19/2009 Last Workover Date: 6/9/2011

**DIRECTIONAL WELLBORE** All depths KB Hole Size Surface Casing: (06/26/2009) Surface Casing 14-3/4", 40.5#, J-55 14-3/4" Drilled a 14-3/4" surface hole to 320'. Set 7 jts 10-3/4", 40.5#, J-55 csg at 313' Cmt'd w/ 310 sx cmt (556 ft3, 13.5 ppg, 1.796 yld). Circ 45 bbls cmt to surface 0-320' 7 jts set at 313' TOC at surface (circ) 313' 310 sx Circ to surf 2° at 420' 9-7/8" 320'-3840' 11° at 726' 6-3/4" 23° at 911' 3840'-8178' 25° at 1446' 24° at 2517' 14° at 3175' 0.63° at 3707 TOC at surface (circ) Intermediate Casing 7-5/8", 26.4#, K-55 93 jts set at 3831' 645 sx Circ to surface o U MV: 5386'-5742' 0 **Production Casing:** 0 0 5-1/2", 17#, N-80 213 jts set at 8177' 360 sx 0 TOC at 3068' (CBL) 0 L MV: 5798'-6145' good bond throughout 0 0 0 o U MC: 6968'-7220' **Tubing** 0 2-3/8" 4.7# J-55 & N-80 ~253 jts 0 o L MC: 7253'-7420' EOT at ~8098' o DK: 8052'-8158' 0 CBP & Fish at 8140' TOC at 3068' (CBL) 8177 PBTD - 8140'

Intermediate Casing			
	a: (07/03/2000)		
Drillod a 0.7/9" intern	y. (U11UJ1ZUUS)	)'. Set 93 jts 7-5/8", 26.	1# K 55 oca at 3021'
Cmt'd w/ 545 ov Ev	tendeem emt (1497	ft2 11 5 ppg 2 72 yld)	4#, K-55 CSg at 3631.
Drama anat /110 ft2	15.6 mm 1 170 vid	ft3, 11.5 ppg, 2.73 yld)	. Talled W/ TOO SX
Premicini (118 its,	15.6 ppg, 1.178 ylu)	. Circ 115 bbls cmt to s	surrace.
Production Casing:			
		Set 213 jts 5-1/2", 17#	
Cmt'd w/ 360 sx cm	nt (504 ft3, 13.1 ppg,	, 1.4 yld). TOC at 3068'	' per 2009 CBL.
Tubing:		Length (f	ft)
KB			14
(~253) 2-3/8" 4.7# N	-80 & J-55 tbg jts		8082
(1) 1.78" F nipple			1
(1) 2-3/8" MS collar			1
		Set at:	8098 ft
Artificial Lift:			
Plunger lift			
Perforations: (09/20	009)		
		36', 88, 94, 96, 5419', 2	1 51 53 55 5527'
		2, 34, 36, 38, 40, 42, 44	
		0, 82, 84, 86, 88, 90, 5	
	2'. Frac w/ 81,463# <i>2</i>		111, 19, 20, 30, 32,
34, 30, 30, 40, 3742	2. Flac W/ 01,403# 4	98', 5800', 02, 22, 24, 2	6 20 22 24 26
50041 06 00 40 4	02, 04, 00, 00, 00, 0	2, 67, 74, 76, 78, 80, 8 2, 30, 32, 34, 36, 82, 87	Z, 04, 00, 00, 90,
07 00 04 00 04 1	2, 14, 10, 18, 20, 22	2, 30, 32, 34, 30, 82, 87	7, 0038 , 40, 33, 03,
67, 82, 84, 86, 94, t	00, 0, 24" halaa 600	8, 6145'. Frac w/ 82,617	7# 20/40 sand.
		68', 78, 87, 97, 7008', 1	
		2, 40, 50, 57, 66, 74, 80	), 90, 7200°, 10,
	5# 100 mesh & 114,		
		53', 62, 70, 79, 85, 92,	
		2, 98, 7405', 10, 7420'.	
Frac w/ 5005# 100			
Frac w/ 5005# 100		/70 sand. '', 56, 58, 60, 62, 64, 66	6, 72, 94, 96, 98,
Frac w/ 5005# 100 <b>DK: (8052'-8158')</b> 87	7, 0.34" holes. 8052		
Frac w/ 5005# 100 <b>DK: (8052'-8158')</b> 87 8102', 08, 12, 14, 1	7, 0.34" holes. 8052	c', 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52	
Frac w/ 5005# 100 <b>DK: (8052'-8158')</b> 87 8102', 08, 12, 14, 1	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26	c', 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52	
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4	c', 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52	
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4	', 56, 58, 60, 62, 64, 66 5, 28, 30, 32, 34, 48, 52 0/70 sand.	2, 56, 8158'.
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:  Pictured Cliffs	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4 MD 3337'	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand. Mancos	2, 56, 8158'. 6280'
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4	', 56, 58, 60, 62, 64, 66 5, 28, 30, 32, 34, 48, 52 0/70 sand.	2, 56, 8158'.
Frac w/ 5005# 100  DK: (8052'-8158') 87 8102', 08, 12, 14, 1 Frac w/ 6040# 100  Formations:  Pictured Cliffs Mesaverde	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4 MD 3337'	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand. Mancos	2, 56, 8158'. 6280'
Frac w/ 5005# 100 DK: (8052'-8158') 87 8102', 08, 12, 14, 1 Frac w/ 6040# 100  Formations: Pictured Cliffs Mesaverde  Additional Notes:	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4 MD 3337' 3640'	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand. Mancos Dakota	6280' 7920'
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:  Pictured Cliffs  Mesaverde  Additional Notes:  09/2009 Initial comp	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4 MD 3337' 3640'	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand. Mancos Dakota	6280' 7920'
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:  Pictured Cliffs  Mesaverde  Additional Notes:  09/2009 Initial comp on CBP & junk dow	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4 MD 3337' 3640'	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand. Mancos Dakota	6280' 7920' eport states they drilled CBP, setting tool,
Frac w/ 5005# 100  DK: (8052'-8158') 87 8102', 08, 12, 14, 1 Frac w/ 6040# 100  Formations: Pictured Cliffs Mesaverde  Additional Notes: 09/2009 Initial comp on CBP & junk dow sinker bar, collar loc	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4 MD 3337' 3640'	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand. Mancos Dakota	6280' 7920' eport states they drilled CBP, setting tool,
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:  Pictured Cliffs  Mesaverde  Additional Notes:  09/2009 Initial comp on CBP & junk dow	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4 MD 3337' 3640'	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand. Mancos Dakota	6280' 7920' eport states they drilled CBP, setting tool,
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:  Pictured Cliffs  Mesaverde  Additional Notes:  09/2009 Initial comp on CBP & junk dow sinker bar, collar loc 8111' (14' KB).	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4 MD 3337' 3640' bletion. Stim'd MV, M in to 8135'. WL tools cator, & rope socket	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand. Mancos Dakota MC, & DK formations. R s left in hole as follows, . PBTD is now 8135'. S	6280' 7920' eport states they drilled CBP, setting tool,
Frac w/ 5005# 100  DK: (8052'-8158') 87 8102', 08, 12, 14, 1 Frac w/ 6040# 100  Formations: Pictured Cliffs Mesaverde  Additional Notes: 09/2009 Initial comp on CBP & junk dow sinker bar, collar loc 8111' (14' KB). 07/2010 Tagged 810 F nipple. CO from 8	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4  MD	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand.  Mancos Dakota  MC, & DK formations. R s left in hole as follows, . PBTD is now 8135'. S 5 jts scaled up & bumpp D previoulsy reported a	6280' 7920'  Report states they drilled CBP, setting tool, Set 2-3/8" tbg at er spring stuck in jt above at 8135'). Could not CO
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:  Pictured Cliffs  Mesaverde  Additional Notes:  09/2009 Initial comp on CBP & junk dow sinker bar, collar loc 8111' (14' KB).  07/2010 Tagged 810 F nipple. CO from a	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4  MD	", 56, 58, 60, 62, 64, 66, 62, 28, 30, 32, 34, 48, 52, 67, 70 sand.  Mancos Dakota  MC, & DK formations. Rs left in hole as follows, PBTD is now 8135'. So its scaled up & bumpe D previoulsy reported a 2-3/8" tbg at 8095' (14'	6280' 7920'  deport states they drilled CBP, setting tool, set 2-3/8" tbg at er spring stuck in jt above at 8135'). Could not CO KB).
Frac w/ 5005# 100  DK: (8052'-8158') 87 8102', 08, 12, 14, 1 Frac w/ 6040# 100  Formations: Pictured Cliffs Mesaverde  Additional Notes: 09/2009 Initial comp on CBP & junk dow sinker bar, collar loc 8111' (14' KB). 07/2010 Tagged 810 past 8140'. Ran sp	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4  MD	", 56, 58, 60, 62, 64, 66 6, 28, 30, 32, 34, 48, 52 0/70 sand.  Mancos Dakota  MC, & DK formations. R s left in hole as follows, . PBTD is now 8135'. S 5 jts scaled up & bumpp D previoulsy reported a	6280' 7920'  deport states they drilled CBP, setting tool, set 2-3/8" tbg at er spring stuck in jt above at 8135'). Could not CO KB).
Frac w/ 5005# 100  DK: (8052'-8158') 87  8102', 08, 12, 14, 1  Frac w/ 6040# 100  Formations:  Pictured Cliffs  Mesaverde  Additional Notes:  09/2009 Initial comp on CBP & junk dow sinker bar, collar loc 8111' (14' KB).  07/2010 Tagged 810 F nipple. CO from is past 8140'. Ran sg 06/2011 Pull tbg, F r	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4  MD 3337' 3640'  Detion. Stim'd MV, M m to 8135'. WL tools cator, & rope socket  8108' to 8140' (BBT poinner survey (& set inipple had scale on	", 56, 58, 60, 62, 64, 66, 62, 28, 30, 32, 34, 48, 52, 60, 70 sand.  Mancos Dakota  MC, & DK formations. R is left in hole as follows, PBTD is now 8135'. S its scaled up & bumper D previoulsy reported a 2-3/8" tbg at 8095' (14') ID & last 112 tbg its har	6280' 7920'  Leport states they drilled CBP, setting tool, set 2-3/8" tbg at  er spring stuck in jt above at 8135'). Could not CO KB).  d light scale on OD.
Frac w/ 5005# 100  DK: (8052'-8158') 87 8102', 08, 12, 14, 1 Frac w/ 6040# 100  Formations: Pictured Cliffs Mesaverde  Additional Notes: 09/2009 Initial comp on CBP & junk dow sinker bar, collar loc 8111' (14' KB).  07/2010 Tagged 810 F nipple. CO from i past 8140'. Ran s; 06/2011 Pull tbg, F r	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4  MD 3337' 3640'  Detion. Stim'd MV, M m to 8135'. WL tools cator, & rope socket  8108' to 8140' (BBT poinner survey (& set inipple had scale on	", 56, 58, 60, 62, 64, 66, 62, 28, 30, 32, 34, 48, 52, 60, 70 sand.  Mancos Dakota  MC, & DK formations. R is left in hole as follows, PBTD is now 8135'. S its scaled up & bumper D previoulsy reported a 2-3/8" tbg at 8095' (14') ID & last 112 tbg its har	6280' 7920'  deport states they drilled CBP, setting tool, set 2-3/8" tbg at er spring stuck in jt above at 8135'). Could not CO KB).
Frac w/ 5005# 100  DK: (8052'-8158') 87 8102', 08, 12, 14, 1 Frac w/ 6040# 100  Formations: Pictured Cliffs Mesaverde  Additional Notes: 09/2009 Initial comp on CBP & junk dow sinker bar, collar loc 8111' (14' KB). 07/2010 Tagged 810 F nipple. CO from a past 8140'. Ran sp 06/2011 Pull tbg, Fr Tagged fill at 8109',	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4  MD	", 56, 58, 60, 62, 64, 66, 62, 28, 30, 32, 34, 48, 52, 60, 70 sand.  Mancos Dakota  MC, & DK formations. R is left in hole as follows, PBTD is now 8135'. S its scaled up & bumper D previoulsy reported a 2-3/8" tbg at 8095' (14') ID & last 112 tbg its har	6280' 7920'  deport states they drilled CBP, setting tool, Set 2-3/8" tbg at er spring stuck in jt above at 8135'). Could not CO KB). d light scale on OD. "tbg at 8098' (14' KB).
Frac w/ 5005# 100  DK: (8052'-8158') 87 8102', 08, 12, 14, 1 Frac w/ 6040# 100  Formations: Pictured Cliffs Mesaverde  Additional Notes: 09/2009 Initial comp on CBP & junk dow sinker bar, collar loc 8111' (14' KB). 07/2010 Tagged 810 F nipple. CO from a past 8140'. Ran sp 06/2011 Pull tbg, Fr Tagged fill at 8109',  Initial completic	7, 0.34" holes. 8052 6, 18, 20, 22, 24, 26 mesh & 117,723# 4  MD	", 56, 58, 60, 62, 64, 66, 62, 83, 30, 32, 34, 48, 52, 60, 70 sand.  Mancos Dakota  AC, & DK formations. R is left in hole as follows, PBTD is now 8135'. S is called up & bumpe D previoulsy reported a 2-3/8" tbg at 8095' (14' ID & last 112 tbg its har profile at 112 tbg its har profile at 135' (14' KB), w	6280' 7920'  deport states they drilled CBP, setting tool, Set 2-3/8" tbg at er spring stuck in jt above at 8135'). Could not CO KB). d light scale on OD. "tbg at 8098' (14' KB).
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TD - 8178'

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1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 359035

## **CONDITIONS**

Operator:	OGRID:
LOGOS OPERATING, LLC	289408
2010 Afton Place	Action Number:
Farmington, NM 87401	359035
	Action Type:
	[C-103] NOI Workover (C-103G)

### CONDITIONS

Created By	Condition	Condition Date
dmcclure	Approved to isolate the well. Operator shall submit a C-103R once the well has been isolated. Operator shall submit a C-103G prior to removing the isolation plug followed by another C-103R once the isolation plug has been removed.	7/19/2024