

Well Name: CARRACAS 24B	Well Location: T32N / R4W / SEC 24 / NENE / 36.97737 / -107.19972	County or Parish/State: RIO ARRIBA / NM
Well Number: 1	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM30585	Unit or CA Name: 2H CARRACAS 14B - FRCL	Unit or CA Number: NMNM112654
US Well Number: 300392465200S1	Operator: MORNINGSTAR OPERATING LLC	

Subsequent Report

Sundry ID: 2798261

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/01/2024

Time Sundry Submitted: 09:57

Date Operation Actually Began: 06/24/2024

Actual Procedure: MorningStar Operating has completed the plug and abandonment of the Carracas 24B 1 as of 6/28/2024. Attached are the Subsequent Procedure, WBD, and CBL.

SR Attachments

Actual Procedure

Carracas_24B_1_PA_CBL_20240701095707.pdf

Carracas_24B_1_WBD_Final_PA_06.28.2024_20240701095655.pdf

Subsequent_Report_PA_Carracas_24B1_20240701095632.pdf

Well Name: CARRACAS 24B

Well Location: T32N / R4W / SEC 24 / NENE / 36.97737 / -107.19972

County or Parish/State: RIO ARRIBA / NM

Well Number: 1

Type of Well: OTHER

Allottee or Tribe Name:

Lease Number: NMNM30585

Unit or CA Name: 2H CARRACAS 14B - FRCL

Unit or CA Number: NMNM112654

US Well Number: 300392465200S1

Operator: MORNINGSTAR 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

Operator Electronic Signature: CONNIE BLAYLOCK

Signed on: JUL 01, 2024 09:57 AM

Name: MORNINGSTAR OPERATING LLC

Title: Regulatory Technician

Street Address: 400 W 7th St.

City: Forth Worth

State: TX

Phone: (817) 334-7882

Email address: CBLAYLOCK@MSPARTNERS.COM

Field

Representative Name: Amy Byars

Street Address:

City:

State:

Zip:

Phone:

Email address: abyars@mspartners.com

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 07/01/2024

Signature: Matthew Kade

Subsequent Report P&A
Carracas 24B 1 – 3003924652

1. MIRU 6/24/2024. .
2. Plug 1 (PC): Set CICR @ 2920'. Pumped cement 3045' – 2920' through retainer.
3. Plug 2 (Fruitland/Kirtland/Ojo Alamo): Balance plug 2920' – 2265'.
4. Plug 3 (Nacimiento): Balance plug 1260' – 1110'.
5. Plug 4 (Surface): 354' – 0'.
6. Cut off wellhead and installed dry hole marker.
7. RDMO 6/28/2024.

MorningStar Operating, LLC

All cmt pumped
Class G 1.15 yield

Final P&A WBD

Carracas 24B-1
Rio Arriba County, NM
Sec 24, T32N-R04W

TD – 3210'
PBTD – 3132'

12 1/4" hole to 304'
Sfc Csg: 7 jts – 9 5/8" 36# J-55 LT&C
Setting Depth: 304 ft

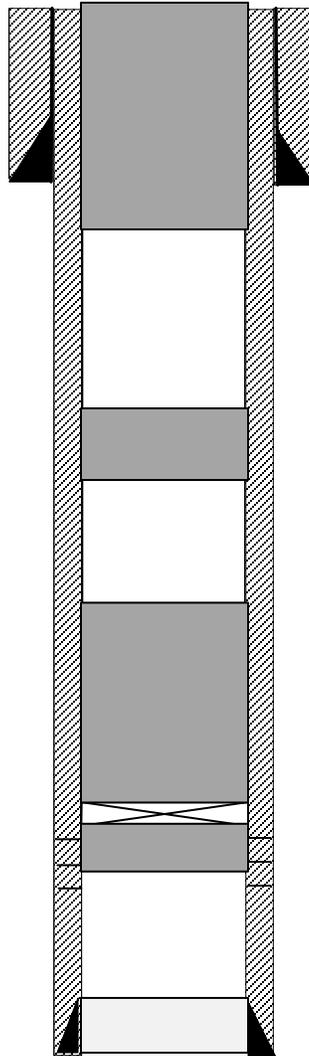
Cement
192 sx Class B with 2% CaCl (227 cuft)
circ. 5.0 bbls cmt to surface

8 3/4" hole to 3201'
Prod. Csg: 77 jts 5.5" 17# K-55 LT&C
Setting Depth: 3196'

Cement
710 sx 65/35
Tail: 100 sx 50/50
Full returns through job 31 bbl cmt to surf

Perforations 10/1990

2970-2976' (24 holes, 4 spf)
2978-2982' (16 holes, 4 spf)
2992-3002' (40 holes, 4 spf)
3005-3010' (20 holes, 4 spf)
Reperf and refrac 07/28/2000
2970-2976' (24 holes, 4 spf)
2978-2982' (16 holes, 4 spf)
2992-3002' (40 holes, 4 spf)
3005-3010' (20 holes, 4 spf)



Plug 4 (Surface plug) – spot
plug 40 sx cmt 354'-0' – no
perforations required per
NMOCD and BLM;
Top off cement 17 sx, cut off
WH and install dry hole
marker (57 sx cmt total)

Plug 3 (Nacimiento) – Balance
plug 17 sx cmt 1260'-1110'

Plug 2 (Fruitland/Kirtland/Ojo
Alamo) – Balance Plug 73 sx
2920-2265' (plug tagged next
day at 2265')

Plug 1 (PC) – Set CICR 2920'
Pump 14 sx sx cmt 3045'-
2920' through retainer as per
regulatory guidance

PBTD: 3,132' KB

Prepared by: BBerry
Date: 02/16/2024
Updated w/BLM COAs: 04/12/2024
Updated NMOCD COAs: 04/26/2024
Final P&A: 06/28/2024

KB = 13.0 ft
GL = 6995' ft
API# 30-039-24652

Spud Date: 08/10/1990
First Delivered: 10/03/1990

Name	Tops	
	MD	TVD
San Jose (BLM Geo Rpt)	Surf	Surf
Nacimiento (rev. Per COA)	1210	1210
Ojo Alamo Ss (Rev. Per COA)	2,330	2,330
Kirtland Sh	2,523	2,523
Fruitland Fm	2,835	2,835
PC (NMOCD Top)	3,045	3,045

P & A Daily Report



Company: MorningStar Operating LLC
 Well Name: CARRACAS 24B #001
 API #: 30-039-24652
 Date: 6-24-24

PO Box 538 Farmington, NM 87499 505.327.7301

WORK SUMMARY

Arrived on location north of Bernalillo. Held safety meeting. Moved unit to the Carracas 24B #001.

PLUG SUMMARY

<u>Plug No</u>	<u>Plug Depth</u>	<u>Sacks of Cement Used</u>
Plug 1	To _____	_____
Plug 2	To _____	_____
Plug 3	To _____	_____
Plug 4	To _____	_____
Plug 5	To _____	_____
Plug 6	To _____	_____
Plug 7	To _____	_____
Plug 8	To _____	_____
Plug 9	To _____	_____

BRIDGE PLUG/CEMENT RETAINER SUMMARY

Depth Set

WELL PRESSURES

Tubing _____ 0 psi
 Casing _____ 0 psi
 Bradenhead _____ 0 psi

P & A Daily Report



Company:	MorningStar Operating LLC
Well Name:	CARRACAS 24B #001
API #:	30-039-24652
Date:	6-25-24

PO Box 538 Farmington, NM 87499 505.327.7301

WORK SUMMARY

Arrived on location. Held safety meeting. Checked location for H2S and other gas. Checked well pressures. Spot in unit and equipment. R/U unit and all equipment. Worked rod string. L/D polished rod, 6', 4' and 3' 3/4" ponies, 34 3/4" stick rods, 79 3/4" guided stick rods, 2 1-1/4" sinker bars and rod pump. Change out equipment for tubing. ND WH, NU BOP, R/U floor and all equipment. Worked tubing string. TOO H with 95 2-3/8" joints, SN, and purge valve. P/U 5.5" casing scraper. Tallied work string. TIH with scraper to 3103'. TOO H. Shut in and secured well.

PLUG SUMMARY

<u>Plug No</u>	<u>Plug Depth</u>	<u>Sacks of Cement Used</u>
Plug 1	To _____	_____
Plug 2	To _____	_____
Plug 3	To _____	_____
Plug 4	To _____	_____
Plug 5	To _____	_____
Plug 6	To _____	_____
Plug 7	To _____	_____
Plug 8	To _____	_____
Plug 9	To _____	_____

BRIDGE PLUG/CEMENT RETAINER SUMMARY

Depth Set

WELL PRESSURES

Tubing	_____	0 psi
Casing	_____	10 psi
Bradenhead	_____	0 psi

P & A Daily Report



Company: MorningStar Operating LLC
 Well Name: CARRACAS 24B #001
 API #: 30-039-24652
 Date: 6-26-24

PO Box 538 Farmington, NM 87499 505.327.7301

WORK SUMMARY

Arrived on location. Held safety meeting. Checked location for H2S and other gas. Checked well pressures. P/U 5.5" CR. TIH and set CR at 2920'. R/U cementing services. Successfully pressure tested tubing to 800 psi. Checked injection rate through CR. Pumped 11 bbls at 300 psi. Pumped cement through the CR from 2920' to 3045'. R/D cementers. Sting out of CR. L/D one 10' pup joint. R/U cementing services. Successfully circulated well with 4 bbls, pumped 65 bbls total. Successfully pressure tested casing to 800 psi for 5 minutes. R/D cementers. TOOH. R/U wireline services. RIH and logged well. POOH. R/D wireline services. TIH to 2920'. R/U cementing services. Pumped plug #2 from 2920' to 2280'. R/D cementers. L/D 21 joints and TOOH. Shut in and secured well and equipment.

PLUG SUMMARY

<u>Plug No</u>	<u>Plug Depth</u>	<u>Sacks of Cement Used</u>
Plug 1	3045' To 2920'	14 sx
Plug 2	2920' To 2280'	73 sx
Plug 3	To	
Plug 4	To	
Plug 5	To	
Plug 6	To	
Plug 7	To	
Plug 8	To	
Plug 9	To	

BRIDGE PLUG/CEMENT RETAINER SUMMARY

Depth Set
2920'

WELL PRESSURES

Tubing _____ 0 psi
 Casing _____ 0 psi
 Bradenhead _____ 0 psi

P & A Daily Report



Company: MorningStar Operating LLC
 Well Name: CARRACAS 24B #001
 API #: 30-039-24652
 Date: 6-27-24

PO Box 538 Farmington, NM 87499 505.327.7301

WORK SUMMARY

Arrived on location. Held safety meeting. Checked location for H2S and other gas. Checked well pressures. TIH and tagged plug #2 at 2265'. L/D 32 joints. R/U cementing services. Pumped plug #3 from 1260' to 1110'. R/D cementers. L/D 29 joints. R/U cementing services. Attempted to pressure test BH, but test failed, 500 psi to 250 psi in 5 minutes. Test did hold at 250 psi. Spoke with OCD and BLM, both approved to continue without perforating. Pumped plug #4 from 354' to surface. R/D cementing services. R/D equipment, R/D floor. ND BOP, NU WH. Dug out cellar and prepared for cut off tomorrow. Secured well and equipment.

PLUG SUMMARY

<u>Plug No</u>	<u>Plug Depth</u>	<u>Sacks of Cement Used</u>
Plug 1 3045'	To 2920'	14 sx
Plug 2 2920'	To 2265'	73 sx
Plug 3 1260'	To 1110'	17 sx
Plug 4 354'	To Surface	40 sx
Plug 5	To	
Plug 6	To	
Plug 7	To	
Plug 8	To	
Plug 9	To	

BRIDGE PLUG/CEMENT RETAINER SUMMARY

Depth Set
 2920'

WELL PRESSURES

Tubing _____ 0 psi
 Casing _____ 0 psi
 Bradenhead _____ 0 psi

P & A Daily Report



Company: MorningStar Operating LLC
 Well Name: CARRACAS 24B #001
 API #: 30-039-24652
 Date: 6-28-24

PO Box 538 Farmington, NM 87499 505.327.7301

WORK SUMMARY

Arrived on location. Held safety meeting. Checked location for H2S and other gas. Preformed WH cutoff. Cement was at surface in 5.5" casing and 3' low in 9.6" casing. Attached P&A marker per all regulations. R/U cementing services. Pumped cement from 3' to surface in the 9.6" casing and filled cellar. R/D cementers. R/D unit and all equipment. Prepare to MOL.

PLUG SUMMARY

<u>Plug No</u>		<u>Plug Depth</u>		<u>Sacks of Cement Used</u>
<i>Plug 1</i>	<u>3045'</u>	<i>To</i>	<u>2920'</u>	<u>14 sx</u>
<i>Plug 2</i>	<u>2920'</u>	<i>To</i>	<u>2265'</u>	<u>73 sx</u>
<i>Plug 3</i>	<u>1260'</u>	<i>To</i>	<u>1110'</u>	<u>17 sx</u>
<i>Plug 4</i>	<u>354'</u>	<i>To</i>	<u>Surface</u>	<u>57 sx (17 sx for top off)</u>
<i>Plug 5</i>	<u>_____</u>	<i>To</i>	<u>_____</u>	<u>_____</u>
<i>Plug 6</i>	<u>_____</u>	<i>To</i>	<u>_____</u>	<u>_____</u>
<i>Plug 7</i>	<u>_____</u>	<i>To</i>	<u>_____</u>	<u>_____</u>
<i>Plug 8</i>	<u>_____</u>	<i>To</i>	<u>_____</u>	<u>_____</u>
<i>Plug 9</i>	<u>_____</u>	<i>To</i>	<u>_____</u>	<u>_____</u>

BRIDGE PLUG/CEMENT RETAINER SUMMARY

Depth Set
2920'

WELL PRESSURES

Tubing _____ 0 psi
 Casing _____ 0 psi
 Bradenhead _____ 0 psi

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

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 363255

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 363255
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Plug 1 for PC - NOI COA states to start at 3095 - was started 3045 - plug 1 was short 50 feet - If a future problem arises from the PC formation Morningstar will have to drill out - CBL is in log file - well was plugged 6/28/2024	7/16/2024