

Well Name: CARRACAS 11B	Well Location: T32N / R4W / SEC 11 / SWSE / 36.99553 / -107.21973	County or Parish/State: RIO ARRIBA / NM
Well Number: 15	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM28812	Unit or CA Name: 2H CARRACAS 14B - FRCL	Unit or CA Number: NMNM112654
US Well Number: 300392478600S1	Well Status: Abandoned	Operator: MORNINGSTAR OPERATING LLC

Subsequent Report

Sundry ID: 2756019

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 10/11/2023	Time Sundry Submitted: 01:41
Date Operation Actually Began: 09/28/2023	

Actual Procedure: MorningStar Operating has plugged and abandoned the Carracas 11B 15 as of 10/02/2023. Attached are the Daily Cement Reports and the Final WBD.

SR Attachments

Actual Procedure

- Carracas_11B_15_Final_PA_WBD_Current_20231011134041.pdf
- Carracas_11B__15_Daily_Cement_Reports_20231011134000.pdf

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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: OCT 11, 2023 01:40 PM

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@txopartners.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: 10/16/2023

Signature: Matthew Kade

[illegible]



AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

CUSTOMER: MORNINGSTAR OPERATING, LLC.		DATE: September 29, 2023		API Number: 30-039-24786		TYPE OF JOB: P & A	
LEASE & WELL NAME: CARRACAS 11 B #15		LOCATION: Sec.11,T332N,R04W		SERVICE SUP: DEAN MESTAS			
SERVICE CONTRACTOR: RIG 450		OPERATOR: AZTEC WELL SERVICE		COUNTY: RIO ARRIBA		STATE: NEW MEXICO	

MATERIALS FURNISHED:	TYPE OF PLUGS:		LIST CSG. HARDWARE:	SQUEEZE MANIFOLD:	TOP OF EACH FLUID:	PHYSICAL SLURRY PROPERTIES:					
	TOP					SLURRY WEIGHT: Lb/gal	SLURRY YIELD: Cuft/sk	WATER REQ.: Gals/sk	PUMP TIME: hr:mm	SLURRY: bbls	MIX WATER: bbls
	BOTTOM										

PRE-FLUSH - FRESH WATER											
Plug 1: Pumped 3.7bbls cement slurry ((18sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))											
2119'											
Plug 2: Pumped 6.4bbls cement slurry ((31sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))											
1598'											
Plug 3: Pumped 3.7bbls cement slurry ((18sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))											
493'											

AVAILABLE MIX WATER: 360.0 BBLs				AVAILABLE DISPLACEMENT WATER: 320.0 BBLs				TOTAL MIX WATER: 7.9					
HOLE				TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SHOE	FLOAT	STAGE
12 1/2	100%	211'	9 5/8	36.00	J-55	211'	2 3/8	4.70	J-55	2231'			0

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF DEPTHS				TOP CONNECTION				WELLBORE FLUID			
SIZE	WEIGHT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BOTTOM	SIZE	THREAD	TYPE	WEIGHT								
5 1/2	15.50	J-55	2529'			2280'	2322'	2 3/8	8 ROUND			PRODUCED WATER 8.40							

CALCULATED DISPLACEMENT VOLUME: BBL				CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG. PSI		MAX CASING PSI		DISPLACEMENT FLUID		WATER	
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO REVERSE	SQ. PSI	RATED	OPER	RATED	OPER				TYPE	WEIGHT	SOURCE	
					650	650		1,100		650				FRESH WATER	8.33	CITY WATER	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CASING, ETC., PRIOR TO CEMENTING:

PUMP DETAILS:						DAILY SUMMARY:					
TIME	PRESSURE - PSI		RATE	BBL FLUID	FLUID	SAFETY MEETING: CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES: PSI					
						CIRCULATED THE WELL: RIG PUMP <input checked="" type="checkbox"/> CMT PUMP <input checked="" type="checkbox"/>					
5:00	-	-	-	-	-	Travel to location					
7:00	-	-	-	-	-	PJSM, Service & Pre start equipment					
7:15	0	15/0	-	-	-	Check PSI on Well: Tbg = 0psi; Csg = 0psi; BH = 0psi.					
7:20	-	-	-	-	-	TIH w/ CIBP & tubing to setting depth of 2231'...rotate and set CIBP successfully...prepare to test tubing					
8:35	150	0	2.00	4.50	H2O	Pumped 4.5bbls water to load tubing...pressure tested tubing to 1100psi...tested good					
8:55	-	-	-	-	-	Rotate & sting out of CIBP...prepare to load and test casing					
9:18	650	650	2.50	8.50	H2O	Pumped 8.5bbls water to load casing...Shut in casing & pressure test casing to 650psi...tested good...prepare for cement					
9:37	150	0	2.00	1.00	H2O	Pumped 1.0bbl fresh water ahead					
9:40	150	0	2.50	3.70	CEMENT	Pumped 3.7bbls cement slurry ((18sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					
9:42	100	0	2.50	8.00	H2O	Pumped 8.0bbls water displacement... Estimated TOC @ 2076'					
9:50	-	-	-	-	-	SD...WOC 4hrs					
10:00	-	-	-	-	-	TOOH w/ tubing to 1883'...prepare to reverse circulate clean					
10:40	0	150	3.00	10.50	H2O	Pumped 10.5bbls water to reverse circulate clean...had 0.5bbl of cement to pit					
10:50	-	-	-	-	-	TOOH w/ tubing & LD stinger					
11:35	-	-	-	-	-	TIH w/ tag sub & tubing to 1946'...resume WOC time					
13:50	-	-	-	-	-	TIH w/ tubig to tag cement...Tagged TOC @ 2119', witnessed by BLM					
13:55	-	-	-	-	-	TOOH w/ tubing to 1867'...prepare for cement					
14:10	150	0	2.00	2.00	H2O	Pumped 2.0bbs fresh water ahead					
14:18	100	0	2.00	6.40	CEMENT	Pumped 6.4bbls cement slurry ((31sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					
14:22	100	0	2.00	6.20	H2O	Pumped 6.2bbls water displacement... Estimated TOC @ 1598'					
14:24	-	-	-	-	-	SD					
14:30	-	-	-	-	-	TOOH w/ tubing & tag sub...prepare to perforate...MIRU wireline services					
15:20	-	-	-	-	-	RIH w/ perf gun & wireline to perf depth of 698'					
15:25	-	-	-	-	-	ROOH w/ wireline & LD perf gun...verified all shots fired					
15:45	-	-	-	-	-	TIH w/ cement retainer & tubing to setting depth of 648'...rotate & set retainer successfully...rotate & sting out					
16:10	100	0	2.00	3.50	H2O	Pumped 3.5bbls water to load casing...STING back into retainer...prepare to establish an injection rate					
16:20	100	0	2.00	1.00	H2O	Pumped 1.0bbl water to establish injection rate...tubing pressured out to 1100psi...no injection rate established...STING OUT					
16:32	100	0	2.00	1.00	H2O	Pumped 1.0bbl fresh water ahead					
16:34	125	0	2.00	3.70	CEMENT	Pumped 3.7bbls cement slurry ((18sx; 15.8ppg, 1.15cuft/ft, 5.0gals/sk))					
16:38	100	0	2.00	2.00	H2O	Pumped 2.0bbls water displacement... Estimated TOC @ 493'					
16:40	-	-	-	-	-	SD...WOC 4hrs					
16:45	-	-	-	-	-	TOOH & LD tubing & stinger					
17:10	-	-	-	-	-	Secure wellhead and equipment...SDON					
17:30	-	-	-	-	-	Travel to the yard					

BUMPED PLUG:	PSI TO BUMP PLUG:	TEST FLOAT EQUIPMENT:	TOTAL BBL PUMPED:	BBL CMT. RETURNS/ REVERSED:	PSI LEFT ON CSG.:	SPOT TOP CEMENT:	AZTEC WELL SERVICING CO REP.: DEAN MESTAS
			62.0	0.5	0	2119'/1598'/493'	CUSTOMER REP.: JASON PEACE
							CUSTOMER AUTHORIZING AGENT

[illegible]

MorningStar Operating, LLC

Carracas 11B-15 Rio Arriba County, NM

Sec 11, 32N-4W

TD – 2,530' MD/TVD

PBTD – 2361' TVD

12 1/4" hole to 211'

Sfc Csg: 5 jts – 9 5/8" 36# J-55 LT&C

Setting Depth: 211 ft

Cement

195 sx Class B

circ. 5.5 bbls cmt to surface

8 3/4" hole to 2530'

Prod. Csg: 63 jts 5.5" 15.5# J-55 LT&C

Setting Depth: 2529 ft

Cement

259 sx 65/35

Tail: 100 sx Class G

Full returns through job no cmt to surf

Estimated TOC ~1007' per CBL

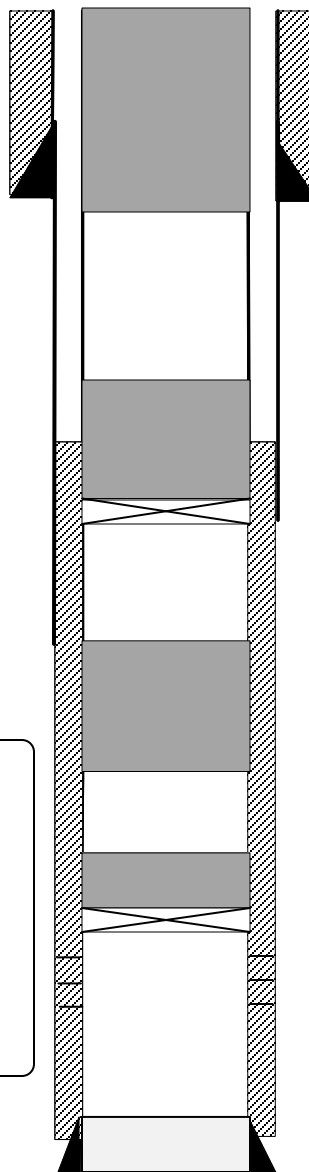
Perforations 10/1990

2280-2286' (24 holes, 4 spf)

2288-2300' (48 holes, 4 spf)

2317-2322' (24 holes, 4 spf)

Acidized w/ 500 gals 15% HCL. Frac with
2001 bbls 35# x-link and 23.3 klbs 40/70
And 207.9 klbs 20/40 sand



Plug 4 (surface shoe plug)

Perforate @ 261' – attempt to
establish inj rate – pressure up to
1400 psi no injection and no leak
off – pump 31 sx cmt WOC – cut
off WH and cmt seen to surface
on both csg per report – install
DHM – top off cellar w/15 sx cmt
– plug 265' to surface

Plug 3 (~Nacimiento plug)

Perforate 698' - Set CICR
approved during work process –
set CICR at 648' – attempt
injection below CICR and through
perfs, pressure out at 1100 psig –
spot 18 sx cmt on top of CICR Tag
TOC 448'

PLUG 2 (Ojo/Kirtland)

31 sx balanced plug
from 1867' to estimated
TOC 1598'

Plug 1 (Fruitland prod)

Set CIBP @ 2231' pump 18sx cmt – WOC tag
cmt 2119' witnessed by BLM

Prepared by: BBerry
Date: 07/21/2023
Updated with COAs 07/31/2023
Update Final P&A 10/04/2023

KB = 12.0 ft
GL = 6,393 ft
API# 30-039-24786

Spud Date: 07/31/1990
First Delivered: 01/01/2011
P&A Complete 10/02/2023

Name	Tops	
	MD	TVD
Nacimiento	648	648
Ojo Alamo Ss	1,650	1,650
Kirtland Sh	1,815	1,815
Fruitland Fm	2,198	2,198

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 275912

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 275912
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 10/2/2023	10/27/2023