

Well Name: CBM A POD 10 H	Well Location: T27N / R14W / SEC 10 / SENE /	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G10081773	Unit or CA Name:	Unit or CA Number:
US Well Number: 300453534200S1	Well Status: Abandoned	Operator: NAVAJO NATION OIL & GAS COMPANY

Subsequent Report

Sundry ID: 2647308

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/06/2021

Time Sundry Submitted: 04:02

Date Operation Actually Began: 11/17/2021

Actual Procedure: Please find attached P&A Procedure for the CBM POD A 10H-1.

SR Attachments

Actual Procedure

P_A_NNOGC_CBM_Pod_A_10H_1__2__20211206160153.pdf

Well Name: CBM A POD 10 H

Well Location: T27N / R14W / SEC 10 /
SENE /County or Parish/State: SAN
JUAN / NM

Well Number: 1

Type of Well: CONVENTIONAL GAS
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EASTERN NAVAJO

Lease Number: N0G10081773

Unit or CA Name:

Unit or CA Number:

US Well Number: 300453534200S1

Well Status: Abandoned

Operator: NAVAJO NATION OIL
& GAS COMPANY**Operator Certification**

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SHAWNA MARTINEZ

Signed on: DEC 06, 2021 04:02 PM

Name: NAVAJO NATION OIL & GAS COMPANY

Title: Regulatory Tech

Street Address: 332 RD 3100

City: AZTEC

State: NM

Phone: (505) 327-4892

Email address: SHAWNA@WALSHENG.NET

Field Representative

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: Accepted

Disposition Date: 02/14/2022

Signature: Kenneth Rennick

NNOGC

CBM A Pod 10H #1 P&A Summary

Date Completed

12/1/2021

Plug #	Formation	BLM Pick Formation Top	Perfs	CICR Depth	Cement Detail	Cement Plug Depths	Plug Position
1	Dakota	5726'	NA	5616'	23 sxs Class G Neat (26.45 cf) below retainer	5808'-5462'	Inside
					18 sxs Class G Neat (20.7 cf) above retainer		
2	Gallup	4689'	NA	NA	18 sxs Class G Neat (20.7 cf)	4743'-4589'	Inside
3	Mancos	3920'	N/A	N/A	18 sxs Class G Neat (20.7 cf)	3972'-3818'	Inside
4	Mesaverde	1946'	N/A	N/A	20 sxs Class G Neat (23 cf)	2013'-1846'	Inside
5	PC/Fruitland	1140'/817'	N/A	N/A	52 sxs Class G Neat (59.8 cf)	1196'-753'	Inside
6	Kirtland Shale	Surface	NA	N/A	62 sxs Class G Neat (71.3 cf)	444'- Surface	Inside

11/17: 11/19: POOH w/ rods and tubing.

11/22:

Dakota plug: Set CICR at 5616', load and test down tubing to 1100 psi. Test held. Set down on cicr and establish rate down tbg. Initial rate of .75 bpm and 700 psi. Final rate before shut down s .5bpm at 1000 psi, total of 25 bbls pumped. Stung out of cicr and circulate wellbore with 110 bbls water. Pressured tested wellbore to 500 psi. Good test. Bled off pressure and sting into retainer. Pumped in at 1.5 bpm at 650psi.

Plug #1 Dakota: Mix and pump 23 sks below retainer and sting out and spot 18 sacks onto of retainer TOC at 5462'. Laid down tubing to 4743'

Plug #2: Gallup: Spotted 18 sks from 4743' to 4589'. POH laying down pipe to 3972'.

Plug #3: Mancos: Spotted 18 sks from 3972' to 3818'. POH laying down tubing to 1996'and stand the rest in derrick. Lay down setting tool.

11/23:

Plug #4. Mesaverde: Mix and pump 20 sxs Class G Neat, 23 cf. Plug from 2013'-1846' displace with 10.2 bbls for balanced plug. POOH LD 26 jnts to 1196.26'KB.

Plug #5. PC/Fruitland: top 1140' & Fruitland 853' Mix and pump 52 sxs Class G Neat, 59.8 cf. Plug from 1196'-753'. Displace with 3.5 bbls for balanced plug.

Plug #6. Surface shoe: 24 jnts to 444.33'KB. 9-5/8" surface shoe at 393'KB. Mix and pump 62 sxs Class G Neat, 71.3 cf. Circulate good cement to surface. NDBOP, Dig out cellar 4'. Cut 9-5/8" & 5-1/2" casing strings and LD WH. Top out with 18 sxs Class G Neat 20.7 cf.

Weld underground P&A plate to casing string. (36.5932829, -108.3109085).

Navajo Nation O&G Inspector Val on location approved all plugging operations.

Well/Facility:	CBM POD A 10H-1	Well Status:	P&A
Operator:	NNOGC	Orig Oper:	NNOGC
Lease/Op Agmt:		Prod Interval:	
Field:	SJB	API #:	30-045-35342
County:	San Juan	GL/KB:	5870' GL(13.5' KB)
State:	NM	TD:	6035'

[illegible]

MD	Inclination	Geologic Markers	
92	0.25	MD	
533	0.75		
909	0.75		
2,103	0.75		
2,663	0.5		
3,330	1.25		
3,850	1.5		
4,313	1.75		
4,800	1.5		
6,060	1.5		

Date Drawn: June 2016



Hole Size
12-1/4"

DV Tool
3796'

Plug #3: Mancos: 3972-3818'
18 sxs, 20.7 cf, 3.7 bbls

Plug #2: Gallup: 4743-4589'
18 sxs, 20.7 cf, 3.7 bbls

CICR: 5616'
 Plug #1, Dakota, Greenhorn: 5616-5462'
 41 sxs, 23 below, 18 sxs above, 47.15 cf, 8.4 bbls

CICR: 5616'

Green Horn Perfs: 5666'-70' & 5700' - 03'

Upper Dk Perfs: 5756'-62', 5785' - 87'

CIBP: 5930'
Lower Dk Perfs: 5940'-50'

Prod Csg @ 6031'KB PBTD: 6035' KB
144 Joints of 5.5", 15.5lb, J55 LT&C

CMT: STG1:LEAD 35SX(474.5cf) 50/50 POZ, TAIL:185SX(242cf) 50/50 POZ
CIRC 30BBL CMT to surface
STG2: LEAD: 630SX(1197cf) Halliburton Prem Lite, TAIL: 100SX(118cf)
CIRC 50BBL CMT to surface

Tubing Detail - 2-3/8", 4.7#, J55, EUE 8rd			
Length		Top	Bottom
KB Adjustment	12.00	0	12.00
195 jts tbg	6089.61	12.00	6101.61
7" Weatherford B-2 anchor	3.00	6101.61	6104.61
3 jts tbg	190.79	6104.61	6295.40
Seat Nipple	1.10	6295.40	6296.50
Perf Sub	3.10	6296.50	6299.60
Mud Anchor	30.00	6299.60	6329.60

Rod Detail - Norris S-87?			
	Length	Top	Bottom
x" Polished Rod	4.00	0	4.00
7/8" Pony subs - 8', 6' & 4'	18.00	4.00	22.00
58 - 7/8" plain rods	1450.00	22.00	1472.00
111 - 3/4" plain rods	2775.00	1472.00	4247.00
81 - 3/4" guided rods	2025.00	4247.00	6272.00
2" x 3" stabilizer guide	4.00	6272.00	6276.00
2" x 1-1/4" x 12.3' x 12.6' RHBM	19.00	6276.00	6295.00
1-1/4" x 6' gas anchor	6.00	6295.00	6301.00

Pumping Unit:	320	Gear Sheave:	42" 4 groove
API Designation:	C-320-G-305-1000?	Stroke Length:	74"
Samson Post SN:	T30F100-4-3027	Gear Ratio:	30.3:1
Gear Box SN:	D 320G-143	SPM:	8
Structural Unbalance:	15,250 LBS	Horse Power:	50
Power:	GE	Volts:	460/796
Power SN:	GK473008	Amps:	36
Sheave Size:	8" 4 groove	Belts:	4-C210

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 101368

CONDITIONS

Operator: NNOGC EXPLORATION AND PRODUCTION, LLC P.O. Box 4439 Window Rock, AZ 86515	OGRID: 292875
	Action Number: 101368
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	6/23/2022