

Well Name: SERENDIPITY COM	Well Location: T26N / R13W / SEC 26 / NWSE / 36.45644 / -108.18668	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM33031	Unit or CA Name: E2, FRCL	Unit or CA Number: NMNM91285
US Well Number: 3004525679	Well Status: Abandoned	Operator: MUSTANG RESOURCES LLC

Subsequent Report

Sundry ID: 2677691

Type of Submission: Subsequent Report

Date Sundry Submitted: 06/20/2022

Date Operation Actually Began: 06/02/2022

Type of Action: Plug and Abandonment

Time Sundry Submitted: 09:38

Actual Procedure: null

SR Attachments

Actual Procedure

Serendipity_Com_1_Summary_of_PxA_Operations_for_Reporting_with_WBD_20220620093828.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: DEB LEMON	Signed on: JUN 20, 2022 09:38 AM
Name: MUSTANG RESOURCES LLC	
Title: RegulatoryManager	
Street Address: 1660 Lincoln St., Ste 1450	
City: Denver	State: CO
Phone: (720) 550-7507	
Email address: dlemon@mustangresourcesllc.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: Accepted	Disposition Date: 06/21/2022
Signature: Kenneth Rennick	

P&A Subsequent Report

Company: Mustang Resources, LLC
Well: Serendipity Com 1
County/ST: San Juan, New Mexico
Location: Sec 26, T26N, R13W 1650' FSL & 2310' FEL (J)
Elevation: 6205' GL, 6218' KB
API No. API# 30-045-25679

6/1/22

MIRU on location. SITP=0/SICP=13/Bradenhead=0. Check pump action pressure up to 550 psi. Pull rods, 20-3/4" plain, 28-5/8" plain, and 7 3/4" guided rods. ND WH and NU BOP. TOH with 43 joints 2-3/8" tubing. TIH 4.5" scraper to 1731' and tagged hard. TOH with scraper. TIH with tagging sub and tagged solid at 1739'. TOH with tag sub. SDFN

6/2/22

SITP=0/SICP=10/Bradenhead=0. Wanda Weatherford BLM inspector on location to witness operations. TIH with packer set @ 1406', pressure tested casing to 520 psi, lost 180 psi in 5 minutes. Released packer and reset at 1603', pressure tested casing to 520 psi, lost 200 psi in 5 minutes. Pressure released. TOH with packer. Called Kenneth Rennick (BLM) and Monica Kuehling (NMOCD) for procedures. Both approved setting a balanced plug from 1730 up to bottom perf of coal (1260'), then continue as planned in initial procedure. See attached email for BLM approval. TIH with EOT at 1730', Mix and pump 46 sks, 63 cuft, 11.2 bbls, 1.37 yield, 14.6#/gal Type 3 neat cement from 1730' - 1260'. Displaced with 2.5 bbls water. TOH to 1210' and pump into coal perms 5 bbls from both tubing and casing. TOH to 1048'. Secure well and shut down for night to wait on cement.

6/3/22

SITP=0/SICP=10/Bradenhead=0. Wanda Weatherford BLM inspector on location to witness operations. TIH to tag TOC. Tagged TOC @1265'. TOH with tag sub. TIH with CICR and set at 1195', established circulation rate into FC perms at 2 bpm at 400 psi. Stung out of retainer and circulate wellbore full. Pressure tested casing to 600 psi for 5 minutes. Tested good. Released pressure and stung into the CICR. Mix and pump 28 sks total (13 sks, 17.8 cuft, 3.2 bbls 14.8# type 3 neat cement below the retainer @1195' to 1260', 15sks, 20.6 cuft, 3.7 bbls above the retainer from 1195' to 1040') displaced with a total of 3.7 bbls of water. TOH with EOT at 852', Mix and pump 15 sks, 20.6 cuft, 3.7 bbls 1.37 yield, 14.8#, type 3 neat cement from 852' to 697'. Displaced with 2.2 bbls of water. TOH with EOT @ 268'. Reverse circulated clean with a total of 24 bbls. Mix and pump 27 sks, 37 cuft, 6.6 bbls, 1.37 yield, 14.6#/gal, type 3 neat cement till good cement returns. Circulated .5 bbls of good Cement. Cut off the wellhead from

the casing strings. Tagged TOC in 5-1/2x8-5/8 160', TOC at 12' in 5-1/2. Welded dry hole marker on csg strings. Cementers run 100' of 1" poly pipe inside 5-1/2x8-5/8, M&P 33 sks, 45.2 cuft, 8.1 bbls type 3 neat cement and topped off casing strings, including filling cellar. Rig down and move rig.

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, June 2, 2022 9:53 AM
To: Mark Wilson <mwilson@vaqueroenergy.com>
Cc: Whitney Majetich <whitney.majetich@vaqueroenergy.com>; Weatherford, Wanda D <wweatherford@blm.gov>
Subject: Re: [EXTERNAL] Serendipity Com 1

Hello again Mark,

I find the proposal appropriate. Please include this email conversation with the subsequent report for the work done.

Thank you,

Kenny

Kenneth (Kenny) Rennick
Petroleum Engineer
Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Mark Wilson <mwilson@vaqueroenergy.com>
Sent: Thursday, June 2, 2022 9:49 AM
To: Rennick, Kenneth G <krennick@blm.gov>
Cc: Whitney Majetich <whitney.majetich@vaqueroenergy.com>; Mark Wilson <mwilson@vaqueroenergy.com>
Subject: [EXTERNAL] Serendipity Com 1

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Kenneth

As discussed we tagged @ 1739' limiting our ability to reach our desired depth of 3959' enabling us to set plugs 1,2 & 3

With your approval we propose setting the CR @ 1195' and pumping theoretical volume, in the event we cannot pump below retainer. We ask that approval is granted for complete abandonment of plugs 1,2 & 3 with CR @1195'



Vaquero Energy
15545 Hermosa Road
Bakersfield, CA 93307
661-979-2008
mwilson@vaqueroenergy.com



Serendipity Com 1

Completed P&A 6-3-22

Formation
Tops
Ojo Alamo
Surface

Elevation: 6205' GL, 6218' KB

Location: Surface: 1650' FSL, 2310' FEL,
Sec 26, T26N, R13W, San Juan
County, New Mexico

Kirtland Shale
204'

8 5/8" 24# K-55 surface casing @ 213' KB w/295 ft3 cmt, circ 22 ft3 to surface (5/13/83)

Plug 6: Kirtland Shale top @ 204' KB. With tbq @ 268' KB, placed balanced plug 27 sks, 37 cuft, 6.6 bbls, 1.37 yield, 14.6#/gal, type III neat cement till good cement to surface, TOH tubing, cut WH off. Tagged 5.5" at 12' & 5.5"x 8-5/8" at 160'. Weld permanent marker to csg strings w/1" poly pipe topped off casing strings w/33 sks, 45.2 ft3, 8.1 bbls, 14.6#, 1.37 yield Type III cement including filling cellar.

Field: Basin FC

Zone: Fruitland Coal

API #: 30-045-25679

Spud Date: May 13, 1983

Revised: 6/15/22

268'

Fruitland Coal
800'

Calculated TOC @ 697'

Plug 5: Fruitland Coal top @ 800' KB. With tbq @ 852' KB, place balanced plug 15 sks, 20.6 cuft, 3.7 bbls 1.37 yield, 14.8#, type 3 neat cement from 852' to 697'.

852'

NOTE: Wanda Weatherford, BLM inspector witnessed operations.

Calculated TOC @ 1040'

Plug 4: FC perms & CR cap w/ CR at 1195' KB. Stung into CR, pumped 28 sks total (13 sks, 17.8 ft3, 3.2 bbls, 14.8#, yield 1.37, type 3 neat cement below the retainer @1195' to 1260', and 15sks, 20.6 ft3, 3.7 bbls above the retainer from 1195' to 1040')

CR

Proposed-Set CR @ 1195'

FC Perfs: 1242' - 60' 4 spf, 72 holes

Pictured Cliffs
1291'

Plug 3: Mesa Verde Top 1618', Lewi Shale Top 1446', and Pictured Cliffs Top 1291', w/2-3/8" tbq @ 1730', place balanced plug 46 sx, 63 ft3, 11.2 bbls, 14.6#, 1.37 yield, Type III cement from 1739 to 1260' (FC bottom perf). WOC overnight, tagged TOC @ 1265'

Lewis Shale
1446'
Mesaverde
1618'

1730'

Cliff House
2030'

Plug 2: Cliff House Top @ 2030' - NOT PUMPED Due to equipment stacking @ 1731'-1739' (Obtained email and verbal approvals to proceed)

Mancos Shale
3909'

Plug 1: Mancos Shale Top @ 3909', NOT PUMPED Due to equipment stacking @ 1731'-1739' (Obtained email and verbal approvals to proceed)

Gallup
4862'

CIBP

(12/17/92) Set CIBP at 4901' (12/18/92) Spot a 12 sx cement plug from 4900' to 4800'

(5/31/83) Perforate Lower Gallup 4965-4976' w/2 spf (23 Perfs) and 5016'-5022' w/2 spf (13 Perfs)

(5/19/83) 5 1/2" 15.5# K-55 prod csg @ 5120' w/ 1514 cu.ft. cmt, circ 18 cu.ft. cement to surface
7-7/8" hole

PBTD @ 4800' KB
TD @ 5120'

PxA'd Sketch

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 119777

CONDITIONS

Operator: Mustang Resources LLC 1660 Lincoln Street Denver, CO 80264	OGRID: 373495
	Action Number: 119777
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	7/25/2022