

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

07/13/2022

<b>Well Name:</b> ATLANTIC A	<b>Well Location:</b> T31N / R10W / SEC 22 / SESE / 36.87967 / -107.86401	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 101	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM013688	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3004525340	<b>Well Status:</b> Abandoned	<b>Operator:</b> GREAT WESTERN DRILLING COMPANY

### Subsequent Report

**Sundry ID:** 2656593

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 06/02/2022

**Time Sundry Submitted:** 09:39

**Date Operation Actually Began:** 12/17/2021

**Actual Procedure:** 12-17-21 MIRU P&A RIG. ND WELLHEAD. NU BOP. TOH W/ PRODUCTION TUBING. RIH W/ 4-1/2" CASING SCRAPER TO 7200'. TOH W/ SCRAPER. RIH W/ CEMENT RETAINER & SET AT 7389'. CIRCULATE HOLE. PRESSURE TEST CASING TO 500#. DID NOT HOLD. PUMP PLUG #1 (7389' – 7184') TO COVER DAKOTA USING 13 SX CMT. TOH W/ TUBING. WOC OVERNITE. RU WIRELINE. RIH & TAGGED PLUG #1 AT 7285'. RAN CBL FROM 7285' TO SURFACE. SENT CBL RESULTS TO BLM/NMOCD OFFICES. RIH W/ TUBING TO 6659'. PUMPED PLUG #2 (6659' – 6455') TO COVER GALLUP USING 13 SX CMT. WOC 4 HOURS. RIH & TAGGED PLUG #2 AT 6447'. PRESSURE TEST CASING TO 500#. DID NOT HOLD. PUMPED PLUG #3 (5496' – 5087') TO COVER MANCOS & POINT LOOKOUT USING 26 SX CMT. WOC OVER WEEKEND. RIH & TAGGED PLUG #3 AT 5024'. PUMPED PLUG #4 (4969' – 4669') TO COVER THE MENEFEE & CLIFF HOUSE USING 19 SX CMT. WOC OVERNITE. RIH & TAGGED PLUG #4 AT 4668'. PRODUCTION CASING WOULD NOT TEST. PUMPED PLUG #5 (3882' – 3582') TO COVER THE CHACRA USING 19 SX CMT. WOC 4 HOURS. RIH & TAG PLUG #5 AT 3565'. PRODUCTION CASING WOULD NOT TEST. PUMPED PLUG #6 (3119' – 2915') TO COVER PICTURED CLIFFS USING 13 SX CMT. WOC 4 HOURS. RIH & TAGGED PLUG #6 AT 2910'. PRODUCTION CASING WOULD NOT TEST. PUMPED PLUG #7 (2745' – 2541') TO COVER THE FRUITLAND USING 13 SX CMT. WOC OVERNITE. RIH & TAG PLUG #7 AT 2512'. TEST PRODUCTION CASING TO 800#. HELD OK. RU WIRELINE. PERF SQUEEZE HOLE AT 1870'. ESTABLISH CIRCULATION FROM PERF TO BRADENHEAD. RIH & SET CEMENT RETAINER @ 1820'. PUMPED PLUG #8 (1870' – 1770') TO COVER KIRTLAND USING 23SX CMT (SQUEEZED W/ 17SX). RIH & TAGGED PLUG #8 AT 1764'. 2 HOUR SHUT IN ON BRADENHEAD INDICATED NO PRESSURE BUILD-UP. BLM/NMOCD OK'D MOVE TO OJO ALAMO. RU WIRELINE. PERFORATED @ 1760'. ESTABLISHED CIRC FROM PERF TO BRADENHEAD. RIH W/ PACKER & SET AT 1479'. ESTABLISHED INJECTION RATE INTO PERF @ 1760'. PUMPED PLUG #9 (1764' – 1630') TO COVER OJO ALAMO USING 78SX CMT (SQUEEZED W/ 72SX CMT & REPUMPED 55SX CMT). WOC 4 HOURS.

Well Name: ATLANTIC A

Well Location: T31N / R10W / SEC 22  
SESE / 36.87967 / -107.86401County or Parish/State: SAN  
JUAN / NM

Well Number: 101

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMNM013688

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004525340

Well Status: Abandoned

Operator: GREAT WESTERN  
DRILLING COMPANY

RIH & TAGGED PLUG #9 AT 1764'. ESTABLISHED INJECTION RATE INTO PERF AT 1760'. TOH W/ PACKER. RIH OPEN-ENDED TO 1388'. RIH & TAGGED PLUG #9 AT 1626'. TEST CASING TO 800#. HELD OK. RU WIRELINE. PERFORATED AT 759'. ESTABLISHED CIRC FROM PERF TO BRADENHEAD (USED 55 SX CMT). WOC OVERNITE. PERFORMED ONE HOUR TEST ON BRADENHEAD. NO BUILD-UP. BLM/NMOCD APPROVED CUTTING OFF WELLHEAD WHICH WAS DONE. RAN WEIGHTED TALLY TAPE DOWN BOTH CASING STRINGS & TAGGED CEMENT 14' DOWN 8-5/8" SURFACE CASING & 83' DOWN 4-1/2" PRODUCTION CASING. RAN 3/4" POLY PIPE DOWN BOTH STRINGS & TOPPED OFF BOTH STRINGS W/ 21SX CMT. INSTALLED P&A MARKER PER BLM/NMOCD STANDARDS. PHOTOGRAPHED THE P&A MARKER IN PLACE & RECORDED ITS LOCATION VIA GPS COORDINATES. RD P&A RIG ON 1-11-22.

**SR Attachments****Actual Procedure**

Atlantic\_A\_\_20220328174235

**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:** GINA KING**Signed on:** JUN 02, 2022 09:38 AM**Name:** GREAT WESTERN DRILLING COMPANY**Title:** Production Tech**Street Address:** 700 W. LOUISIANA**City:** MIDLAND**State:** TX**Phone:** (432) 682-5241**Email address:** GKING@GWDC.COM**Field****Representative Name:** Ralph Skinner Jr**Street Address:** PO BOX 515**City:** Lovington**State:** NM**Zip:** 88260**Phone:** (575)396-5538

**Well Name:** ATLANTIC A**Well Location:** T31N / R10W / SEC 22  
SESE / 36.87967 / -107.86401**County or Parish/State:** SAN  
JUAN / NM**Well Number:** 101**Type of Well:** CONVENTIONAL GAS  
WELL**Allottee or Tribe Name:****Lease Number:** NMNM013688**Unit or CA Name:****Unit or CA Number:****US Well Number:** 3004525340**Well Status:** Abandoned**Operator:** GREAT WESTERN  
DRILLING COMPANY**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:** 06/08/2022**Signature:** Kenneth Rennick

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM-0136888

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

GREAT WESTERN DRILLING COMPANY

3a. Address

P.O. BOX 1659 MIDLAND, TX 79702

3b. Phone No. (include area code)

(432)682-5241

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

ATLANTIC A #101

9. API Well No.

30-045-25340

10. Field and Pool or Exploratory Area

BASIN DAKOTA (PRORATED GAS)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1030 SOUTH 1040 EAST  
UL: P. Sec: 22, T: 31N, R: 10W

11. Country or Parish, State

SAN JUAN

NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

RIH & SET CMT RETAINER @ 1820'. PUMPED PLUG # 8 (1870' - 1770') TO COVER KIRTLAND USING 23 SX CMT (SQZ W/ 17SX). RIH & TAGGED PLUG #8 AT 1764'. 2 HOUR SI ON BRADENHEAD INDICATED NO PRESSURE BUILD-UP. BLM/NMOCD OK'D MOVE TO OJO ALAMO. RU WIRELINE. PERFORATED @ 1760'. ESTABLISHED CIRC FROM PERF TO BRADENHEAD. RIH W/ PACKER & SET AT 1479'. ESTABLISHED INJECTION RATE INTO PERF @ 1760'. PUMPED PLUG #9 (1764' - 1630') TO COVER OJO ALAMO USING 78 SX CMT (SQ W/ 72SX CMT & REPUMPED 55 SX CMT). WOC 4 HOURS. RIH & TAGGED PLUG #9 AT 1764'. ESTABLISHED INJ RATE INTO PERF AT 1760'. TOH W/ PACKER. RIH OPEN-ENDED TO 1388'. RIH & TAGGED PLUG #9 AT 1626'. TEST CSG TO 800#. HELD OK. RU WIRELINE. PERFORATED AT 759'. ESTABLISHED CIRC FROM PERF TO BRADENHEAD (USED 55 SX CMT). Plug # 10 - RE-PUMP OF # 9 - 55 SKS - 1626'(TAGGED) - 1760' (PERFS) = 134' PLUG # 11 - SURFACE - 759' (PERFS) = 221 SKS. WOC OVERNITE. PERFORMED ONE HOUR TEST ON BRADENHEAD. NO BUILD-UP. BLM/NMOCD APPROVED CUTTING OFF WELLHEAD WHICH WAS DONE. RAN WEIGHTED TALLY TAPE DOWN BOTH CSG STRINGS & TAGGED CMT 14' DOWN 8-5/8" SURFACE CSG & 83' DOWN 4-1/2" PRODUCTION CSG. RAN 3/4" POLY PIPE DOWN BOTH STRINGS & TOPPED OFF BOTH STRINGS W/ 21SX CMT. INSTALLED P&A MARKER PER BLM/NMOCD STANDARDS. PHOTOGRAPHED THE P&A MARKER IN PLACE & RECORDED ITS LOCATION VIA GPS COORDINATES. RD P&A RIG ON 1-11-22.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

CARY BILLINGSLEY

Title AREA ENGINEER

Signature

Date 01/31/2022

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)



Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM-0136888

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

GREAT WESTERN DRILLING COMPANY

3a. Address

P.O. BOX 1659 MIDLAND, TX 79702

3b. Phone No. (include area code)

(432)682-5241

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1030 SOUTH 1040 EAST  
UL: P, Sec: 22, T: 31N, R: 10W

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

ATLANTIC A #101

9. API Well No.

30-045-25340

10. Field and Pool or Exploratory Area

BASIN DAKOTA (PRORATED GAS)

11. Country or Parish, State

SAN JUAN

NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

MIRU P&A RIG. NDWH. NU BOP. TOH W/ PROD TBG. RIH W/ 4-1/2" CSG SCRAPER TO 7200'. TOH W/ SCRAPER. RIH W/ CMT RETAINER & SET AT 7389'. CIRC HOLE. PRESSURE TEST CSG TO 500#. DID NOT HOLD. PUMP PLUG #1 (7389' - 7184') TO COVER DAKOTA USING 13 SX CMT. TOH W/ TBG. WOC OVERNITE. RU WIRELINE. RIH & TAGGED PLUG #1 AT 7285'. RAN CBL FROM 7285' TO SURFACE. SENT CBL RESULTS TO BLM/NMOCD OFFICES. RIH W/ TBG TO 6659'. PUMPED PLUG #2 (6659' - 6455') TO COVER GALLUP USING 13 SX CMT. WOC 4 HOURS. RIH & TAGGED PLUG #2 AT 6447'. PRESSURE TEST CSG TO 500#. DID NOT HOLD. PUMPED PLUG #3 (5496' - 5087') TO COVER MANCOS & POINT LOOKOUT USING 26 SX CMT. WOC OVER WEEKEND. RIH & TAGGED PLUG #3 AT 5024'. PUMPED PLUG #4 (4969' - 4669') TO COVER THE MENEFFEE & CLIFF HOUSE USING 19 SX CMT. WOC OVERNITE. RIH & TAGGED PLUG #4 AT 4668'. PRODUCTION CSG WOULD NOT TEST. PUMPED PLUG #5 (3882' - 3582') TO COVER THE CHACRA USING 19 SX CMT. WOC 4 HOURS. RIH & TAG PLUG #5 AT 3565'. PRODUCTION CSG WOULD NOT TEST. PUMPED PLUG #6 (3119' - 2915') TO COVER PICTURED CLIFFS USING 13 SX CMT. WOC 4 HOURS. RIH & TAGGED PLUG #6 AT 2910'. PRODUCTION CSG WOULD NOT TEST. PUMPED PLUG #7 (2745' - 2541') TO COVER THE FRUITLAND USING 13 SX CMT. WOC OVERNITE. RIH & TAG PLUG #7 AT 2512'. TEST PRODUCTION CSG TO 800#. HELD OK. RU WIRELINE. PERF SQZ HOLE AT 1870'. EST CIRCULATION FROM PERF TO BRADENHEAD.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

CARY BILLINGSLEY

Title AREA ENGINEER

Signature

Date 01/31/2022

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

## Additional Information

### Additional Remarks

PRODUCTION CASING TO 800#. HELD OK. RU WIRELINE. PERF SQUEEZE HOLE AT 1870. ESTABLISH CIRCULATION FROM PERF TO BRADENHEAD. RIH & SET CEMENT RETAINER @ 1820. PUMPED PLUG # 8 (1870 1770) TO COVER KIRTLAND USING 23SX CMT (SQUEEZED W/ 17SX). RIH & TAGGED PLUG #8 AT 1764. 2 HOUR SHUT IN ON BRADENHEAD INDICATED NO PRESSURE BUILD-UP. BLM/NMOCD OKD MOVE TO OJO ALAMO. RU WIRELINE. PERFORATED @ 1760. ESTABLISHED CIRC FROM PERF TO BRADENHEAD. RIH W/ PACKER & SET AT 1479. ESTABLISHED INJECTION RATE INTO PERF @ 1760. PUMPED PLUG #9 (1764 1630) TO COVER OJO ALAMO USING 78SX CMT (SQUEEZED W/ 72SX CMT & REPUMPED 55SX CMT). WOC 4 HOURS. RIH & TAGGED PLUG #9 AT 1764. ESTABLISHED INJECTION RATE INTO PERF AT 1760. TOH W/ PACKER. RIH OPEN-ENDED TO 1388. RIH & TAGGED PLUG #9 AT 1626. TEST CASING TO 800#. HELD OK. RU WIRELINE. PERFORATED AT 759. ESTABLISHED CIRC FROM PERF TO BRADENHEAD (USED 55 SX CMT). WOC OVERNITE. PERFORMED ONE HOUR TEST ON BRADENHEAD. NO BUILD-UP. BLM/NMOCD APPROVED CUTTING OFF WELLHEAD WHICH WAS DONE. RAN WEIGHTED TALLY TAPE DOWN BOTH CASING STRINGS & TAGGED CEMENT 14 DOWN 8-5/8 SURFACE CASING & 83 DOWN 4-1/2 PRODUCTION CASING. RAN POLY PIPE DOWN BOTH STRINGS & TOPPED OFF BOTH STRINGS W/ 21SX CMT. INSTALLED P&A MARKER PER BLM/NMOCD STANDARDS. PHOTOGRAPHED THE P&A MARKER IN PLACE & RECORDED ITS LOCATION VIA GPS COORDINATES. RD P&A RIG ON 1-11-22.

### Location of Well

O. SHL: SESE / 1030 FSL / 1040 FEL / TWSP: 31N / RANGE: 10W / SECTION: 22 / LAT: 36.87967 / LONG: -107.86401 ( TVD: 0 feet, MD: 0 feet )

BHL: SESE / 1030 FSL / 1040 FEL / TWSP: 31N / SECTION: / LAT: 36.87967 / LONG: 107.86401 ( TVD: 0 feet, MD: 0 feet )

**Wellbore Diagram**

Atlantic A #101  
API #: 30-045-25340  
San Juan County, New Mexico

**Plug 9**  
759 feet - Surface  
759 feet plug  
236 sacks of Class G

**Plug 8**  
1963 feet - 1688 feet  
275 feet plug  
21 sacks of Class G

**Plug 7**  
2500 feet - 2250 feet  
250 feet plug  
19 sacks of Class G

**Plug 6**  
3119 feet - 2969 feet  
150 feet plug  
12 sacks of Class G

**Plug 5**  
4000 feet - 3850 feet  
150 feet plug  
36 sacks of Class G  
24 sacks squeezed

**Plug 4**  
4969 feet - 4720 feet  
249 feet plug  
19 sacks of Class G

**Plug 3**  
5496 feet - 5159 feet  
337 feet plug  
26 sacks of Class G

**Plug 2**  
6659 feet - 6509 feet  
150 feet plug  
12 sacks of Class G

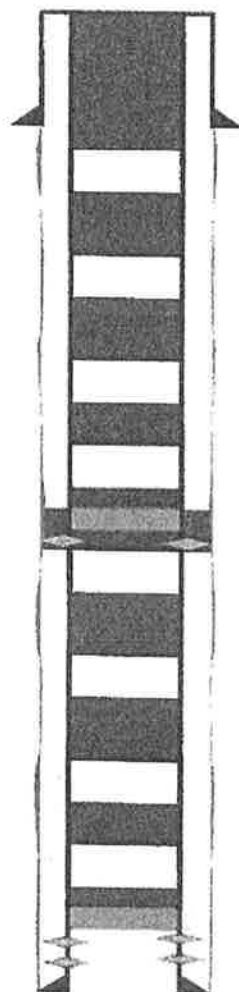
**Plug 1**  
7390 feet - 7328 feet  
62 feet plug  
6 sacks of Class G

**Perforations**  
7440 ft - 7538 ft  
7627 ft - 7654 ft  
7666 ft - 7692 ft

**Surface Casing**  
8.625" 24W @ 709 ft

**Formation**  
Ojo Alamo - 1788 ft  
Pictured Cliffs - 3069 ft  
Lewis - 3170 ft  
Cliff House - 4820 ft  
Menafee - 4919 ft  
Point Lookout - 5259 ft  
Upper Mancos - 5448 ft  
Gallup - 6609 ft  
Greenhorn - 7320 ft  
Graneros - 7372 ft  
Dakota - 7428 ft

**Production Casing**  
4.5" 11.5W @ 7793 ft



Retainer @ 3950 feet

Retainer @ 7390 feet

Well: Atlantic A #101  
 Location: 1,030' FSL & 1,040' FEL  
 Sec 22 T31N R10W NMPM  
 San Juan County, New Mexico  
 API: 30-045-25340

Operator: Great Western Drilling Company  
 Spud date: 4/16/1982  
 Elevations: KB 6,328'  
 KB-GL 14'  
 GL 6,315'

TOPS	NOTES	HOLE SIZE	CASING & CEMENT
		12 3/4"	
709'			8 5/8" set at 709' cmtd to GL w/525 ex
		7 7/8"	
T/Ojo Alamo at 1,788' B/Ojo Alamo at 1,913'			TOC behind 4 1/2" from 3rd stage at 1,840' by CBL 2 3/8" 4.7# J-55 tubing
Pictured Cliffs at 3,069' Lewis at 3,170'			DV tool at 3,328' circulated no cement from the 2nd stage and cmtd 3rd stage w/350 ex and circulated no cement TOC behind 4 1/2" from 2nd stage at 4,140' by CBL
Cliff House at 4,820' Menafee at 4,919'			
Point Lookout at 5,259' U. Mancos at 5,448'			
Gallup at 6,609'			DV tool at 5,534' circulated no cement from the 1st stage cmtd 2nd stage w/ 450 ex TOC behind 4 1/2" from 1st stage at 5,670' by CBL
Greenhorn at 7,320' Graneros at 7,372'			
Dakota at 7,428'			
Dakota B at 7,518' Dakota C at 7,558'	SN at 7,433'		Dakota A & B perms 7,440 - 7,538' frac w/ 2,657 bbl and 230,800# sand Dakota C perms 7,627 - 54'
Dakota D at 7,654'			GIBP at 7,656'
Morrison at 7,759'			Dakota D perms 7,668 - 92'
TD at 7,793'			4 1/2" 11.6# at 7,763' cmtd 1st stage w/350 ex

prepared by L. M. Cure 17 Nov 14

OIL CONS. DIV DIST. 3  
 NOV 0 1 2017



## GREAT WESTERN DRILLING

RE: ATLANTIC A 101 SUBSEQUENT REPORT (PLUG AND ABANDON)

UL "P" 1039' FSL 1040' FEL SEC 22 T31N R10W

SAN JUAN COUNTY, NEW MEXICO

API 30-045-25340

## PLUG AND ABANDON OPERATION:

12-17-21 MIRU P&A RIG. ND WELLHEAD. NU BOP. TOH W/ PRODUCTION TUBING. RIH W/ 4-1/2" CASING SCRAPER TO 7200'. TOH W/ SCRAPER. RIH W/ CEMENT RETAINER & SET AT 7389'. CIRCULATE HOLE. PRESSURE TEST CASING TO 500#. DID NOT HOLD. PUMP PLUG #1 (7389' - 7184') TO COVER DAKOTA USING 13 SX CMT. TOH W/ TUBING. WOC OVERNITE. RU WIRELINE. RIH & TAGGED PLUG #1 AT 7285'. RAN CBL FROM 7285' TO SURFACE. SENT CBL RESULTS TO BLM/NMOCDC OFFICES. RIH W/ TUBING TO 6659'. PUMPED PLUG #2 (6659' - 6455') TO COVER GALLUP USING 13 SX CMT. WOC 4 HOURS. RIH & TAGGED PLUG #2 AT 6447'. PRESSURE TEST CASING TO 500#. DID NOT HOLD. PUMPED PLUG #3 (5496' - 5087') TO COVER MANCOS & POINT LOOKOUT USING 26 SX CMT. WOC OVER WEEKEND. RIH & TAGGED PLUG #3 AT 5024'. PUMPED PLUG #4 (4969' - 4669') TO COVER THE MENEFFEE & CLIFF HOUSE USING 19 SX CMT. WOC OVERNITE. RIH & TAGGED PLUG #4 AT 4668'. PRODUCTION CASING WOULD NOT TEST. PUMPED PLUG #5 (3882' - 3582') TO COVER THE CHACRA USING 19 SX CMT. WOC 4 HOURS. RIH & TAG PLUG #5 AT 3565'. PRODUCTION CASING WOULD NOT TEST. PUMPED PLUG #6 (3119' - 2915') TO COVER PICTURED CLIFFS USING 13 SX CMT. WOC 4 HOURS. RIH & TAGGED PLUG #6 AT 2910'. PRODUCTION CASING WOULD NOT TEST. PUMPED PLUG #7 (2745' - 2541') TO COVER THE FRUITLAND USING 13 SX CMT. WOC OVERNITE. RIH & TAG PLUG #7 AT 2512'. TEST PRODUCTION CASING TO 800#. HELD OK. RU WIRELINE. PERF SQUEEZE HOLE AT 1870'. ESTABLISH CIRCULATION FROM PERF TO BRADENHEAD. RIH & SET CEMENT RETAINER @ 1820'. PUMPED PLUG # 8 (1870' - 1770') TO COVER KIRTLAND USING 23SX CMT (SQUEEZED W/ 17SX). RIH & TAGGED PLUG #8 AT 1764'. 2 HOUR SHUT IN ON BRADENHEAD INDICATED NO PRESSURE BUILD-UP. BLM/NMOCDC OK'D MOVE TO OJO ALAMO. RU WIRELINE. PERFORATED @ 1760'. ESTABLISHED CIRC FROM PERF TO BRADENHEAD. RIH W/ PACKER & SET AT 1479'. ESTABLISHED INJECTION RATE INTO PERF @ 1760'. PUMPED PLUG #9 (1764' - 1630') TO COVER OJO ALAMO USING 78SX CMT (SQUEEZED W/ 72SX CMT & REPUMPED 55SX CMT). WOC 4 HOURS. RIH & TAGGED PLUG #9 AT 1764'. ESTABLISHED INJECTION RATE INTO PERF AT 1760'. TOH W/ PACKER. RIH OPEN-ENDED TO 1388'. RIH & TAGGED PLUG #9 AT 1626'. TEST CASING TO 800#. HELD OK. RU WIRELINE. PERFORATED AT 759'. ESTABLISHED CIRC FROM PERF TO BRADENHEAD (USED 55 SX CMT). WOC OVERNITE. PERFORMED ONE HOUR TEST ON BRADENHEAD. NO BUILD-UP. BLM/NMOCDC APPROVED CUTTING OFF WELLHEAD WHICH WAS DONE. RAN WEIGHTED TALLY TAPE DOWN BOTH CASING STRINGS & TAGGED CEMENT 14' DOWN 8-5/8" SURFACE CASING & 83' DOWN 4-1/2" PRODUCTION CASING. RAN 3/4" POLY PIPE DOWN BOTH STRINGS & TOPPED OFF BOTH STRINGS W/ 21SX CMT. INSTALLED P&A MARKER PER BLM/NMOCDC STANDARDS. PHOTOGRAPHED THE P&A MARKER IN PLACE & RECORDED ITS LOCATION VIA GPS COORDINATES. RD P&A RIG ON 1-11-22.

**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 145335

CONDITIONS

Operator:  GREAT WESTERN DRILLING CO P.O. Box 1659 Midland, TX 79701	OGRID:  9338
	Action Number:  145335
	Action Type:  [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	This is a Federal well -well plugged 1/11/2022	9/21/2022