

Well Name: CLARK	Well Location: T24N / R3W / SEC 6 / SWNE /	County or Parish/State: RIO ARriba / NM
Well Number: 8	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM03011	Unit or CA Name:	Unit or CA Number:
US Well Number: 300392268000S1	Well Status: Abandoned	Operator: SAN JUAN RESOURCES INCORPORATED

Subsequent Report

Sundry ID: 2502496

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 06/08/2021

Time Sundry Submitted: 03:12

Date Operation Actually Began: 05/21/2021

Actual Procedure: San Juan Resources Well Name: Clark 8 (Sec 6/T24N/R3W) API: 30-039-22680 The following is a summary of the work performed to P&A the Clark #8 between May 19 – June 2, 2021. Plug #1: Dakota (7558') Perfs: 7564'-7770'. CICR depth: 7528'. Cement plug depths (7308'-7528'). 10 sx (13.7 cf) of Type III cement. Plug #2: Gallup (6623') Perfs: 6674' – 6840'. Cement plug depths (6385' – 6852'). 33 sx (45.2 cf) of Type III cement. Plug #3: Mesaverde/Mancos (5012'/5685') Perfs: 5780'. CICR depth: 5736'. Cement plug depths (4775'-5780'). 227 sx (311 cf) of Type III cement. Plug #4: Chacra (4220'). Perfs: 4270'. CICR depth: 4230'. Cement plug depths (3960' – 4270'). 31 sx (42.5 cf) of Type III cement. Plug #5: Fruitland/PC (3105'/3335'). Cement plug depths (2633' – 3395'). 46 sx (59 cf) of Type III cement. Plug #6: Nacimiento (1540'). Perfs: 1590'. CICR depth: 1549'. 43 sx (59 cf) of Type III of cement. Plug #7: Surface. Perfs: 255'. 75 sx (103 cf) of Type III cement. Bill Diers with the BLM was on location and witness to all cementing operations and depth confirmations.

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US Well Number: 300392268000S1	Well Status: Abandoned	Operator: SAN JUAN RESOURCES INCORPORATED

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: VANESSA FIELDS

Signed on: JUN 08, 2021 03:11 PM

Name: SAN JUAN RESOURCES INCORPORATED

Title: Regulatory Compliance Manager

Street Address: 332 RD 3100

City: AZTEC

State: NM

Phone: (505) 787-9100

Email address: VANESSA@WALSHENG.NET

Field

Representative Name: VANESSA FIELDS

Street Address: 7415 EAST MAIN STREET

City: FARMINGTON

State: NM

Zip: 87402

Phone: (150)578-7910

Email address: vanessa@walsheng.net

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: 10/19/2021

Signature: Kenneth Rennick

San Juan Resources - Clark #8

Proposed P&A WBD

Lindrith Gallup Dakota

1995' FNL & 630' FWL, Section 6, T24N, R3W, Rio Arriba County, NM

API: 30-039-22680

Today's Date: 6/18/2020

Spud: 4/1981

Completed: 7/30/1984

Elevation: 7096' GL

Ojo Alamo @ 2846'

Kirtland @ 2981'

Fruitland @ 3105'

Pictured Cliffs @ 3337'

Lewis @ 3475'

Chacra @ 4220'

Cliff House @ 5012'

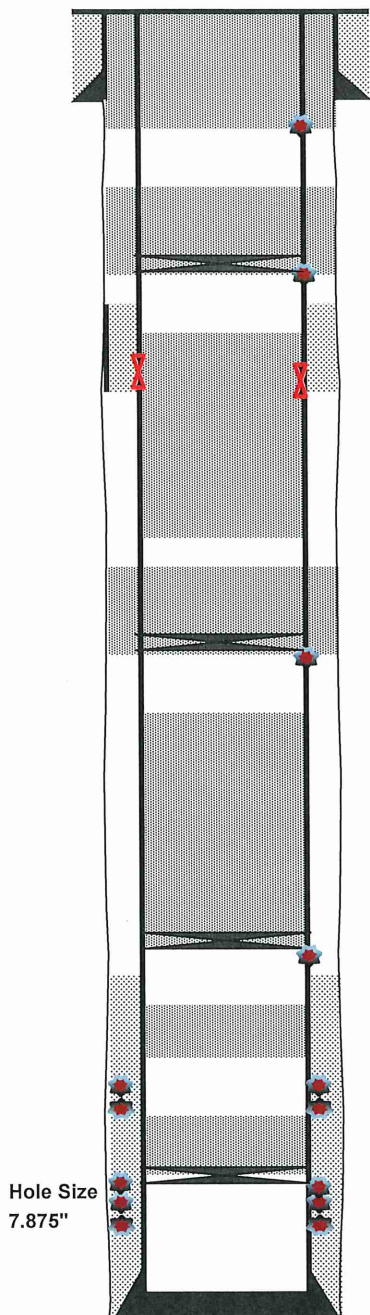
Menefee @ 5033'

Pt. Lookout @ 5538

Mancos @ 5680'

Gallup @ 6623'

Dakota @ 7558'



Hole Size
7.875"

PBTD: 7881'

TD: 7881'

Surface Casing

Hole Size: 12 1/4"

8 5/8", 24#, Casing set @ 238'

Cement w/ 150 sk. Circ 2 bbls to surf

Plug #7: Surface - 255' (Perf @ 255')

Class G neat 20 sks (23 ft³)

Plug #6: 1406'-1590' (Perf @ 1590', CICR @ 1549')

Class G neat 43 sks (59.0 ft³)

DV Tool at 3472'

Plug #5: 2633'-3395'

Class G neat 46 sks (63.0 ft³)

Plug #4: 3690'-4270' (Perfs @ 4270', CICR @ 4230')

Class G neat 31 sks (42.5 ft³)

Plug #3: 4775'-5780' (Perf @ 5780', CICR @ 5736')

Class G neat 227 sks (311.0 ft³)

Plug #2: 6385'-6852'

Class G neat 33 sks (45.2 ft³)

Plug #1: 7308'-7528'

CICR set @ 7528'

Class G neat 10 sks (13.8 ft³)

Gallup Perforations

6674-80, 6690-6712, 6720-23, 6732-40, 6794-6806, 6818-26, 6830-40

Dakota Perforations

7564-78, 7586-7604, 7636-40, 7720-30, 7732-42, 7754-70

Production Casing

Hole Size: 6 3/4"

4-1/2", 10.5# & 11.6#, casing set @ 7881'

Cement (2-stage) 1st - 550 sks - 2nd - 200 sks DV tool @ 3472'

San Juan Resources

Clark #8

Date Comp: 6/2/2021

Plug #	Formation	BLM Pick Formation	Perfs	CICR Depth	Cement Detail	Cement Plug Depth	Plug Position
1	Dakota	7558'	7564'-7770'	7528'	10sx Type III cement (13.7cuft)	7308' - 7528'	Inside
2	Gallup	6623'	6674'-6840'	None	33sx Type III cement (45.2cuft)	6385' - 6852'	Inside
3	Cliffhouse/Mancos	85'Man	5780'	5736'	227sx Type III cement (311cuft)	4775' - 5780'	In/Out
4	Chacra	4220'	4270'	4230'	31sx Type III cement (42.5cuft)	3960' - 4270'	In/Out
5	Fruitland/PC	3105'FR/ 3335PC	None	None	46sx Type III cement (63cuft)	2633' - 3395'	Inside
6	Nacimiento	1540'	1590'	1549'	43sx Type III cement (59cuft)	1406' - 1590'	In/Out
7	Surface	Surf	255'	None	75sx Type III cement (103cuft)	Surface - 250'	In/Out

V. Fields notified BLM & NMOCD 5/18/2021.

ⓂSICP=Opsi. Picked up a 2.5' tagging pup jt, 1 std of 2-3/8", SN and TIH on 234jts of 2-3/8" tbg. EOT at 7525'KB (CICR set at 7528'KB). Established circulation at csg valve with ~10bbbls of water, circulated with 90bbbls of water to clean up.

ⓂMixed & pumped plug #1(DK)(7308'-7528'): 10sx Type III cement (13.7cuft, 2.45bbl, 1.37yld, 14.6ppg) & balanced w/ 28bbbls of water (balance at 1045hrs). LD 7jts, EOT at 7297', reverse circ w/ 40bbbls, (circulation at 4bbbls). TOH w/ 5 stds, EOT at 6980'. WOC 4hrs. Tagged TOC at 7308'KB. LD 19jts(24total). EOT at 6852'KB.

ⓂChanged Gallup plug procedure(Approve by BLM & Monica(OCD)): Established circulation w/ 10bbbls of water. Mixed & pumped plug #2(Glp)(TOC pending tag-6852'): 33sx Type III cement (45.2cuft, 8bbbls, 1.37yld, 14.6ppg) & balanced w/ 24bbbls of water (balanced at 1600hrs). LD 19jts(43total). EOT at 6248'KB. Reverse circulated w/ 40bbbls of water, light grey water returned. PUH 5 stds.

Ⓜ(Wanda Weatherford) BLM Petroleum Engineering Technician on location and approved/witnessed plugs.

ⓂSICP/SITP=Opsi. TIH and tagged TOC at 6385'KB (2nd plug-Gallup-F/ 6385'- T/ 6852'). Establish circulation w/ 11.8bbbls of water, attempted to pressure test csg to 500psi, no test. LD 59jts total on trailer. TOH with 89stds & 1 single, SN, tag sub.

ⓂRU Cutters Wireline Services. Run CBL F/ 6375'(wireline tag) -T/Surf. Found 1st stage TOC at 6036'KB, Stage tool at 3544'KB, 2nd stage cement F/ 3544' up to approx. 2800'(field interpretation). Discussed w/ J. Killins (BLM).

ⓂRIH with Cutters Wireline and perforate 4-1/2" csg at 5780'KB w/ 4spf. All shots fired. RD Cutters.

ⓂPicked up a 4-1/2" CICR and TIH on 179jts of 2-3/8" tbg(tbg displacing fluids). Set CICR at 5736'KB, attempt to test tbg to 1000psi, broke at 800psi, circulation at csg valve. Make final movement and released tool, dropped standing valve. Attempt tbg test, circulating at csg valve. Stung out of retainer & TOH w/ tbg, found pin hole in jt# 201, test remaining tbg in hole to 2000#. Retrieved SV. TOH with remaining tbg & re-positioned SN to top of stinger assembly, placed SV and TIH w/ 3 stds. Shut in well & SDON. Rig crew off loc at 1930hrs.

Ⓜ120bbbls(200total) hauled to disposal.

Ⓜ(Wanda Weatherford) BLM Petroleum Engineering Technician on location and approved/witnessed plugs. Discussed-approved Mancos/Cliffhouse plug w/ Joe Killins(BLM Engineer).

ⓂSICP/SITP=Opsi. TIH with standing valve in place and pressure tested entire string to 2000psi, good. Retrieved standing valve.

ⓂSting into retainer (5736'), top off csg. Est inj rate into perf (5780') of 2bpm at 1200psi, ISIP 700psi, down to 500psi after ~30min. Held tailgate safety meeting.

ⓂMixed & pumped 212sx of Type III cement (290ft3, 52bbl, 1.37yld, 14.6ppg), avg rate 2.5bpm, avg pressure=200psi. Displaced with 8bbbls of water & stung out of retainer, balance cement on top with an additional 9bbbls of water. (157sx behind csg, 60sx inside csg). PUH to 4358' & reverse circulate with 27bbbls of water. TOH with stinger. WOC 4hrs

ⓂRIH w/ tagging sub on157jts of 2-3/8" tbg and tagged TOC at 5018' (Formation top at 5012'), TOC 100' too low, possible retainer valve malfunction(?).

ⓂEOT at 5016'KB, mixed & pumped 15sx of Type III cement and balance with 18bbbls of water. LD 10jts, reverse circulate at 4680'KB with 35bbbls of water. Stand back 10stds of tbg.

ⓂShut in well & SDON. Rig crew off loc at 1800hrs.

Ⓜ(Wanda Weatherford) BLM Petroleum Engineering Technician on location and approved/witnessed plugs.

ⓂSICP/SITP=Opsi. TIH and tagged TOC at 4775'KB(Mancos/CH Plug F/ 4775'-T/5780'-inside/outside plug).

ⓂTOH with tagging sub. Perforate Chacra at 4270'KB (50' below formation top).

ⓂTIH w/ 4-1/2" CICR and set at 4230'KB. Pressure test tbg to 1000psi, good. Est inj rate of 1.5bpm at 700psi, ISIP 500psi.

ⓂChacra: Mixed & pumped 31sx of Type III cement (42.5ft3, 7.5bbl, 1.37yld, 14.6ppg), avg rate 3.0bpm, avg pressure=200psi. Displaced with 12bbbls of water & stung out of retainer, balance cement on top with an additional 3bbbls of water. (19sx behind csg, 12sx inside csg-plug down at 1115hrs). LD 8jts & TOH with stinger. Picked up tagging sub and TIH. WOC 4hrs. Tagged TOC at 3960'(Chacra plug F/3960'-T/4270'-Inside/Outside). LD 18jts.

ⓂEOT at 3395'KB. Loaded csg and attempted to test, unsuccessful.

ⓂFruitland/PC: Mixed & pumped 46sx of Type III cement(63ft3, 11.25bbbls, 1.37yld, 14.6ppg), balanced w/ 10bbbls of water. LD 22jts(119jts on float, 35jts on gooseneck), PUH 2stds, EOT at 2686'. Reverse circulated with 36bbbls of water until clean, returning heavy drill mud. PUH 5stds.

ⓂShut in well & SDON. Rig crew off loc at 1730hrs.

Ⓜ(Wanda Weatherford) BLM Petroleum Engineering Technician on location and approved/witnessed plugs.

ⓂSICP/SITP=Opsi. TIH and tagged TOC at 2633'KB(FC/PC Plug F/ 2633'-T/3395'-inside plug).

ⓂLoaded csg and attempted P/T to 550psi, several attempts, bleed off F/ 550psi - T/ 490psi in ~5 min, BLM inspector required WOC on next plug. TOH with tagging sub.

ⓂRU Wireline Group. Perforate Nacimiento at 1590'KB (50' below formation top).

ⓂTIH w/ 4-1/2" CICR and set at 1549'KB. Pressure test tbg to 1000psi, good. Est inj rate of 1.5bpm at 700psi, ISIP 600psi.

ⓂNacimiento: Mixed & pumped 43sx of Type III cement w/ 2% CaCl2 (59ft3, 10.5bbl, 1.37yld, 14.6ppg), avg rate 2.0bpm, avg pressure=700psi. Displaced with 3.5bbbls of water, pressure spiking fast, stung out of retainer 0.5bbl early at 1200psi, balance cement on top with an additional 1.5bbbls of water. (32sx behind csg, 11sx inside csg-plug down at 1145hrs). LD 6jts & TOH with stinger. WOC 3hrs10min, samples hard. Picked up tagging sub and TIH, tagged CICR at 1549'KB, no cement. Circulated hole around with 20bbbls of water and recovered ~3bbbls of wet cement. Could not determine reason for unset cement. EOT at 1548'KB. Mixed & pumped an additional 10sx of Type III cement(13.7ft3, 2.45bbbls, 1.37yld, 14.6ppg) and displaced with 5bbbls of water(plug down at 1600hrs). LD 6jts & TOH with remaining tbg. Shut in well and SDON. Rig crew off location at 1700hrs.

Ⓜ(Bill Diers) BLM Petroleum Engineering Technician on location and approved/witnessed plugs.

ⓂSICP/SITP=Opsi. TIH and tagged TOC at 1406'KB(Nacimiento Plug F/ 1406'-T/1590'(CICR at 1549'KB)-inside/outside plug).

ⓂLD remaining 2-3/8" tbg.

ⓂRU Wireline Group. Perforate Surface at 255'KB (8-5/8" csg shoe reported at 238').

ⓂClosed BOP and est circulation at Braiden Head valve w/ 17bbbls of water, cleaned up at 24bbbls.

ⓂND BOP. NU B-1 adapter. RU DWS cement equipment.

ⓂSurface: Mixed & pumped 65sx of Type III cement, circulated around to surface. Cut-off wellhead & weld on P&A Marker. Cement fell approx. 12", mixed 10sx and topped off cellar. Surface plug=75sx (103cuft, 18.4bbl, 1.37yld, 14.6ppg).

ⓂRigged down Drake #32, M&R trucking moved equipment to the Clark #7. Unit released from location at 1330hrs.

Ⓜ(Bill Diers) BLM Petroleum Engineering Technician on location and approved/witnessed plugs.

Ⓜ203jts of 2-3/8", 4.7#, J-55 tbg sent to Cave Enterprise for Credit, 35jts of 2-3/8", 4.7#, J-55 taken to Clark #7 for deepening. 106ea 7/8" rods & 144ea 3/4" rods, 6ea 1-1/2" K-Bars sent to Cave Enterprise for credit. 45ea 3/4" rods taken to Clark #7 for deepening.

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

CONDITIONS

Action 125220

CONDITIONS

Operator: SAN JUAN RESOURCES, INC. 1499 Blake St, #10C Denver, CO 80202	OGRID: 20208
	Action Number: 125220
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	did not monitor bradenhead during plugging	10/4/2022
mkuehling	well plugged 6/2/21 - in future be specific on dates plugs were ran.	10/4/2022