

Well Name: ANGEL PEAK	Well Location: T27N / R11W / SEC 20 / NWSW / 36.558075 / -108.032104	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM020496	Unit or CA Name:	Unit or CA Number:
US Well Number: 300450637300S1	Well Status: Abandoned	Operator: MORNINGSTAR PARTNERS LP

Subsequent Report

Sundry ID: 2388391

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/21/2021

Date Operation Actually Began: 05/04/2021

Type of Action: Plug and Abandonment

Time Sundry Submitted: 08:38

Actual Procedure: The permanent plug and abandonment of the Angel Peak #2 has been completed as of 5/13/2021. Attached are the Final WBD, Daily and Cementing Reports, and CBL.

SR Attachments

Actual Procedure

- Angel_Peak_2_CBL_20210521083705.pdf
- Angel_Peak_2__P_A_Daily__Cementing_Reports_20210521083635.pdf
- Angel_Peak_2__P_A_WBD_Final_20210521083621.pdf

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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: CONNIE BLAYLOCK
Signed on: MAY 21, 2021 08:37 AM
Name: MORNINGSTAR PARTNERS LP
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

Representative Name: Eric Kittinger
Street Address:
City: **State:** **Zip:**
Phone:
Email address: ekittinger@mspartners.com

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: 10/15/2021
Signature: Kenneth Rennick

**AZTEC WELL SERVICING CO.**

CEMENT JOB DETAIL SHEET

[illegible]

**AZTEC WELL SERVICING CO.**

CEMENT JOB DETAIL SHEET

[illegible]

CEMENT JOB DETAIL SHEET

Released to Imaging: 11/4/2021 8:55:40 AM

**AZTEC WELL SERVICING CO.**

CEMENT JOB DETAIL SHEET

[illegible]



AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

CUSTOMER: SOUTHLAND ROYALTY COMPANY		DATE: May 10, 2021		API Number: 30-045-06373		TYPE OF JOB: P & A	
LEASE & WELL NAME: Angel Peak #2		LOCATION: Sec 20 T27N R11W		SERVICE SUP: MICHEL CRANE			
SERVICE CONTRACTOR: 481		OPERATOR: AWS		COUNTY: SAN JUAN		STATE: NEW MEXICO	

MATERIALS FURNISHED:	TYPE OF PLUGS:		LIST CSG. HARDWARE:	SQUEEZE MANIFOLD: NO	TOP OF EACH FLUID:	PHYSICAL SLURRY PROPERTIES:					
	TOP	N/A				SLURRY WEIGHT: Lb/gal	SLURRY YIELD: Cuft/sk	WATER REQ.: Gals/sk	PUMP TIME: hr:mm	SLURRY: bbls	MIX WATER: bbls
	BOTTOM	0									

PRE-FLUSH - FRESH WATER

Plug #3, Mancos Top: M&P 21 sxs, 15.8# class G cmt, w 2% Cal, from 4669' to 4400' TOC, Disp w 16.5bbls.	4,400	15.80	24.15	5.00		4.3	2.5
Plug #4, Cliff House Top: M&P 16 sxs, 15.8# class G cmt, from 3431' to 3226' TOC, Disp w 12bbls.	3,226	15.80	18.40	5.00		3.3	1.9

AVAILABLE MIX WATER: 100.0 BBLs	AVAILABLE DISPLACEMENT WATER: 300.0 BBLs	TOTAL MIX WATER: 4.4
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HOLE				TBG.-CSG.-D.P.				TBG.-CSG.-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH		SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SHOE	FLOAT	STAGE	
12 1/4	100	307		9 5/8	32.30	H-40	307	2 3/8	4.70	J-55	6,311	0	0	0	

LAST CASING				PKR-CMT RET-BR PL-LINER				TOP CONNECTION				WELLBORE FLUID			
SIZE	WEIGHT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BOTTOM	SIZE	THREAD			TYPE	WEIGHT		
4 1/2	10.50	J-55	6,583	N/A	N/A	0	0	2 3/8	8 ROUND			FRESH WATER	8.30		

CALCULATED DISPLACEMENT VOLUME: BBL				CAL. PSI				CAL. MAX PSI				OP. MAX				MAX TBG. PSI				MAX CASING PSI			
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO REVERSE	SQ. PSI	RATED	OP	RATED	OP													
				0	0	500 PSI	0	0	0	0													

DISPLACEMENT FLUID		WATER	
TYPE	WEIGHT	SOURCE	
FRESH WATER	8.30	CITY WATER	

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

PUMP DETAILS:						DAILY SUMMARY:					
TIME	PIPE	ANNULUS	RATE	BBL FLUID	FLUID	SAFETY MEETING: CREW CO. REP					
HR: MIN			BPM	PUMPED:	TYPE:	TEST LINES: 0 PSI					
						CIRCULATING WELL RIG: WPS					
6:00	-	-	-	-	-	Travel to loc.					
7:00	-	-	-	-	-	Service and start rig and equip, fill out JSA, held safety mtg.					
7:15	-	-	-	-	-	Check PSI on Well, 0psi on tbg, csg and BH.					
7:30						TIH tag plug #2 @ 5232', good tag.					
8:45						LD tbg to 4604' and TOOHD LD tagging sub.					
10:00						RU WL, RIH and perf @4615', attempt to est injection rate pressure up to 600 psi lost 100 psi in 50 sec. RD WL.					
11:15	-	-	-	-	-	TIH open ended to 4669', RU pump to tbg and est circ w 2 bbls of fresh.					
12:15	-	-	-	-	-	Plug #3, Mancos Top: M&P 21 sxs, 15.8# class G cmt, w 2% Cal, from 4669' to 4400' TOC, Disp w 16.5bbls.					
12:45						WOC, LD tbg to 4343', reverse out w 21bbls of fresh, TOOHD to 3691'.					
16:00	-	-	-	-	-	TIH tag plug #3 @4496', good tag.					
16:15						LD tbg to 3431', RU pump to tbg and est circ w 3bbls of fresh.					
16:45						Plug #4, Cliff House Top: M&P 16 sxs, 15.8# class G cmt, from 3431' to 3226' TOC, Disp w 12bbls.					
17:15						LD tbg to 3118', reverse out w 16bbls of fresh and TOOHD to 1876'.					
17:45						Secure well, SDFN.					
18:00						Travel to AWS yard.					

BLM REP ON LOC, CLAY YAZZIE

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.:	MICHEL CRANE
N/A	N/A	N/A	0.0	1.5	0	1163'	CUSTOMER REP.:	JASON PEACE
							CUSTOMER REP. SIGNATURE:	

CUSTOMER AUTHORIZING AGENT

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CEMENT JOB DETAIL SHEET

[illegible]

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MorningStar Operating, LLC

Final P&A WBD

Angel Peak 2
San Juan County, NM

Date 05/20/2021

KB = 6,198 ft

GL = 6,186 ft

API# 30-045-06373

Spud Date: 04/06/1962

Completion Date: 04/25/1962

Plugged: 05/13/2021

TD - 6,584'

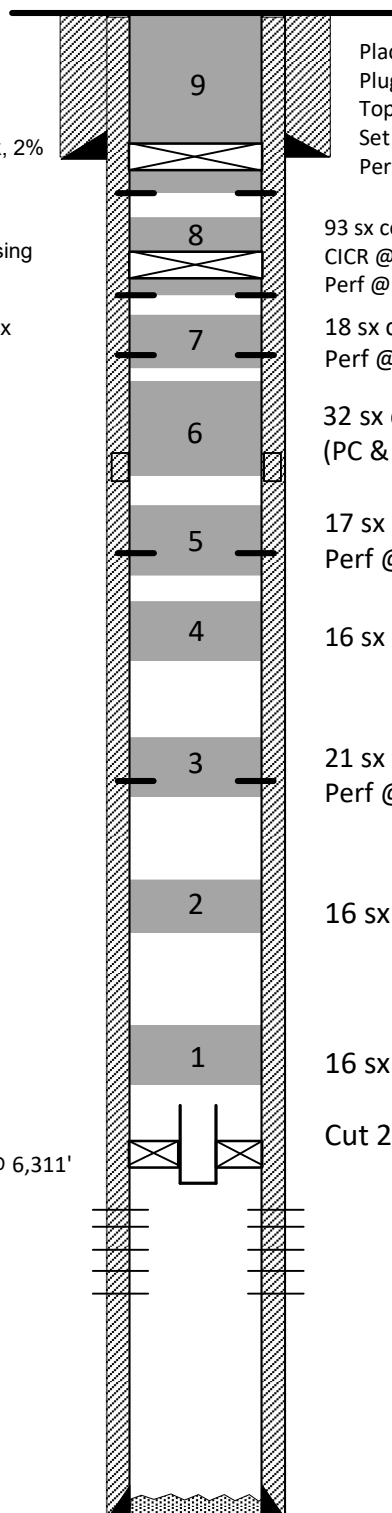
Sfc Casing: 10 jts 9-5/8" 32.3# csg set @ 307'
Cement w/ 200 sx regular, ¼ cu ft stata-crete 6/sk, 2%
A-6.
Circulated to sfc.

Production Casing: 209 jts 4-½" J-55, 10.5# casing
set @ 6,583'. Baker Stage Tool @ 1,964'

Cement 1st stage w/ 200 sx Incor followed by 50 sx
regular.
Cemented 2nd stage w/ 120 sx Incor.

Perforations

Dakota (1962): 6,346' – 6,352' (4 spf)
6,388' – 6,400' (2 spf)
6,452' – 6,464' (2 spf)



Place 171 sx inside/outside
Plug to sfc
Top off w/ 12 sx
Set CICR @ 321'
Perf @ 357'

93 sx cement from 534'-835' inside/outside (Kirtland, Ojo Alamo)
CICR @ 790'
Perf @ 835'

18 sx cement from 1128' - 1350' (BLM Fruitland)
Perf @ 1296'

32 sx cement from 1475 - 1845' 1,560' (OCD Fruitland)
(PC & OCD Fruitland) 1,792' BLM, 1,790' OCD (PC)

17 sx cement from 2534' - 2745' (Chacra)
Perf @ 2675'

16 sx cement from 3259' -3431' (Mesaverde)

21 sx cement from 4456' - 4669' (Mancos)
Perf @ 4615'

16 sx cement from 5,232' – 5,418' (Gallup)

16 sx balanced cmt plug from 6105' up to 5916'

Cut 2-3/8" tbg @ 6119' tbg tally

HowCo EZ Drill Packer @ 6,311'

Ojo Alamo: 657', OCD-650'
Kirtland: 782', OCD-785'
Fruitland: BLM-1,250', OCD-1,560'
Picture Cliffs: 1,792', OCD-1790'
Chacra: OCD-2,680'
MV Cliff House: 3,373', OCD-3,370'
Mancos: 4,550', OCD-4,565'
Gallup: 5,352', OCD-5350'

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 57184

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 57184
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	11/4/2021