Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NMOCD REC'D 9/24/20

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

5. Lease Serial No. NMNM30351

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
shandoned well. Use form 3160-3 (APD) for such proposals

abandoned we	6. If Indian, Allor	6. If Indian, Allottee or Tribe Name						
SUBMIT IN	7. If Unit or CA/A	Agreement, Name and/or No.						
Type of Well		8. Well Name and No. CARRACAS 22A 13						
Name of Operator SOUTHLAND ROYALTY COM	9. API Well No. 30-039-244	9. API Well No. 30-039-24412-01-S1						
3a. Address 400 W 7TH STREET FORT WORTH, TX 76102	10. Field and Poo	10. Field and Pool or Exploratory Area BASIN FRUITLAND COAL						
4. Location of Well (Footage, Sec., T	11. County or Pa	rish, State						
Sec 22 T32N R5W SWSW 06 36.960160 N Lat, 107.356280	RIO ARRIB	A COUNTY, NM						
12. CHECK THE AF	PPROPRIATE BOX(ES) TO INC	DICATE NATURE OF	F NOTICE, REPORT, OR	OTHER DATA				
TYPE OF SUBMISSION	ACTION							
☐ Notice of Intent	☐ Acidize ☐] Deepen	☐ Production (Start/Resume	e)				
☐ Notice of Intent	☐ Alter Casing ☐	Hydraulic Fracturing	□ Reclamation	■ Well Integrity				
	☐ Casing Repair	New Construction	☐ Recomplete	☐ Other				
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Temporarily Abandon					
\mathcal{BP}	☐ Convert to Injection ☐	Plug Back	■ Water Disposal					
Attached are the Daily Report	LC has plugged and abandoned s, Final WBD, Cement Reports, a	the Carracas 22A 13 and CBL.	as of 9/17/2020.					
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #531269 v For SOUTHLAND ROYALTY (Committed to AFMSS for processing	COMPANY LLC, sent to	the Farmington					
Name (Printed/Typed) CONNIE	BLAYLOCK	Title REGUL	Title REGULATORY ANALYST					
Signature (Electronic S	Submission)	Date 09/23/20	020					
, , , , , , , , , , , , , , , , , , , ,	THIS SPACE FOR FED							
Approved By ACCEPT	ED	JOE KILLIN TitleENGINEER	NS R	Date 09/23/2020				
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conductive the conductive transfer of the conductive tr	uitable title to those rights in the subject le	ant or						
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime for statements or representations as to any magnetic statements.		willfully to make to any departme	nt or agency of the United				

Job Summary

CARRACAS 22A 13 Permanently Plug and Abandon

09/15/2020 Service and start equip, pre trip equip.

Road unit and equip to loc.

Spot in and RU unit and equip.

Check PSI on Well, 460 psi on csg and tbg, 0 psi on BH, BDW.

Unseat pump, LD rods.

ND well head, NU BOP, RU work floor.

Unland tbg and TOOH, LD cap string, tally tbg (LD 22 bad its holes in its # 92, 93 and 96).

PU 5-1/2" scraper and TIH to 2898'.

Secure well, SDFN.

Travel to AWS yard.

09/16/2020 Travel to loc.

Service and start rig and equip, fill out JSA, held safety mtg.

Check PSI on Well, 240 psi on csg and tbg, 0 psi on BH, BDW.

PU and tally 10 its of 2-3/8" tbg to 3460'

TOOH, LD csg scraper.

TIH w 5-1/2" CR and set @ 3457'

Pressure test tbg @ 500psi, good test.

Sting out of CR and roll well w 85 bbls fresh, attempt to pressure test csg, no test, lost 400psi in 30 sec.

Plug #1, PC and Fruitland Tops: M&P 18 sxs, 15.8# class G cmt w 2% Cal, from 3457' to 3303' TOC, Disp w 12bbls of fresh.

LD tbg to 3270' and TOOH LD setting tool.

RU WL, run CBL from 3246' to surface, RD WL.

TIH open ended, tag plug #1 @3245'.

RU pump to tbg est circ w 2bbls of fresh, attempt to pressure test csg, no test.

Plug #2, Kirtland and Ojo Alamo Tops: M&P 35 sxs, 15.8# class G cmt, from 3245' to 2944' TOC, Disp w 11bbls of fresh.

LD tbg to 2896', reverse out w 13 bbls of fresh.

TOOH 10 stands. EOT @2264'.

Secure well, SDFN.

Travel to AWS yard.

BLM REP ON LOC, CLAY YAZZIE

09/17/2020 Travel to loc.

Service and start rig and equip, fill out JSA, held safety mtg.

Check PSI on Well, Opsi on tbg, csg and BH.

TIH tag plug #2 @2970'.

RU to tbg est circ w 3bbls, attempt to pressure test csg, no test.

LD tbg to 1828' and TOOH.

RU WL, RIH and perforate @1830', attempt to est injection rate, no rate, RD WL.

TIH open ended to 1889', RU pump to tbg and est cir w 1bbl.

Plug #3, Nacimiento Top: M&P 28 sxs, 15.8# class G cmt w 2% Cal, from 1889' to 1648' TOC. Disp w 5.5bbls of fresh.

LD tbg to 1576' and TOOH.

WOC.

TIH tag plug #3 @1683'.

LD all tubing.

RU WL, RIH and perforate @380', attempt to est circ up BH, unsuccessful, injection rate

1bbl/min @600psi, RD WL.

TIH w 5-1/2" CR and set @351'.

Plug #4, Surface Shoe and Surface: inside/outside M&P 95 sxs, 15.8# class G cmt, from 380' to 0' TOC.

Pumping 47sxs outside and 48sxs inside.

LD all tubing.

RD work floor, ND BOP.

Cut off well head, install dry hole marker.

Plug #4-A, Top Off: M&P 12 sxs, 15.8# class G cmt to top off casing and cellur.

Wash up equip, RD unit and cmt equip, prep for rig move, SDFN.

Travel to AWS yard.

BLM REP ON LOC, CLAY YAZZIE

Carracas 32-5 22A-13 API: 30-039-24412 Rio Arriba County, NM Final P&A - 09/17/2020 GL = 7022KB = 7034121/4" HOLE 95/8", 36# csg

8 jts set@

LEAD: 30sx

8 3/4" HOLE

5.5", 15.5#, K-55, It&c 99its csg set @ 3,946' KB.Lead: 450sx (1180 ft³) 65/35poz Tail: 100sx (139 ft³)

50/50 Circ 34 bbls cmt to surface. PBTD= 3908'

8/15/07: Csg leak squeeze

= 3230'-3260'

6/2008: Csg Caliper showed 3220'-3260' bad.

4/2013: Test csq and leaks found

2873'-3447'+

326'kb.

(60 ft³) 65/35poz. TAIL: 100sx (118 ft³) Class B. Circ 5bbls cmt to surface.

Final P&A WBD

Spud Date: 08/21/1989 Completion Date: 10/12/1989 Mill Csg & Cavitate: 05/19/1999 Completion Date: 06/23/1999 Sidetrack Spud Date: 09/28/2007 New Commingled Date: 10/26/2007

> Nacimiento: 1,800' Ojo Alamo: 3,050' Kirtland: 3.175' Fruitald: 3,510' Fruitland Coal: 3,694'

107 sx cmt from 380' - surface Set CICR @ 351' Perforate 5-1/2" casing @ 380'

28 sx cmt from 1,648' - 1,889' (Nacimiento) Perforate 5-1/2" casing @ 1830'

35 sx cmt from 2,944' - 3,245'

CICR @ 3,457' Topped w/ 18 sx cement. (3457'-3303')

Window Top = 3473' Window Bottom = 3479'

> 31/2", 9.3#, 75 jts star seal flush joint, 3694'-3735'. Perf'd: 3695'-3730', 4spf 140holes. 59perf'd, 16 blank,

> > 4 3/4" HOLE TD = 5905'md, 3654'tvd

9/28/07:

Wrong window squeeze = 3515'-3522'

Perfs: 3695'-3720', 3728'-30', 3749'52'. 4 spf 0.50" dia 120 holes. Frac: 500gal 15% HCl acid, 48,000# 40/70 sand, 170,000# 20/40 sand, 1757 bbls 35# GWX-9 fluid. ATP=1200#, ATR=53bpm, ISIP=800#.

05/19/1999 Mill, Under-Ream,& Cavitate:

PBTD = 3908'

TD = 3950'

Milled 5.5" csg 3695'-3730'. Under-ream same interval to 8.5". Cavitate coal cycling 1400-0 psig. Ran Baker liner hanger, XOsub, 3 jts 3.5" 9.3# J-55, bit sub w/ float, 4.75" rock bit. Liner Hanger @ 3639'. PBTD inside 3.5" liner 3733'.

Perforate liner: 3695'-3730', 4spf 140 holes.



AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

LEASE & WELL NAME: Carracas			ALTY COM	PANT	DATE: September 15, 2020 API Number LOCATION: Sec 22 T32N R5W SERVICE:					30-039-24			YPE OF JOB: P & A				
		Carracas 840	ZZ A #13			LOCATION		Sec 22 T32 AWS	WCN N	SERVICE SUP:	COUNTY:	MICHEL C	RANE RIO ARRIBA	STATE:	NEW MEXICO		
			040									COUNTY:					IMEVICO
MATERIAL	S FURNISH	HED:		<u> </u>	TYPE OF PLU		LIST	SG. HARD	WARE:	SQUEEZE	TOP	OLUBBY:		IYSICAL SLURE			1407
					OP	N/A				MANIFOLD:	OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX
				BO	TTOM	0				NO	EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	TIME: hr:mm	bbls	WATER: bbls
DDE 51.110										1	T LOID.	Lb/gai	Cultisk	Gais/sk	101.10100	DDIS	DDIS
PRE-FLUS	H - FRES	H WATER															
AVAILABLE N		50.0	BBLS			DISPLACEMENT	WATER:	100.0								IX WATER:	0.0
	HOLE				CSGD.P.				-CSGD.P.					COLLAR DEPTH			
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE		
12 1/4	100	326	9 5/8	36.00	J-55	370	2 3/8	4.70	J-55	3,625			0	0	0	<u> </u>	
	LAST C		1 -		CMT RET-BR		PERF DE				ONNECTION	1			LBORE FLUID		
SIZE	WEIGHT	TYPE	DEPTH		% TYPE	DEPTH	TOP	воттом		SIZE	THREAD	ł		TYF		WEIGHT	
5 1/2	15.50	K-55	3,946		I/A	N/A	0	0		2 3/8	8 ROUND			FRESH		8.30	
-		EMENT VOLU		CAL. PSI		MAX PSI	OP. MAX		TBG. PSI	-	CASING PSI	ł	-	DISPLACEMENT F			ATER
TUBING	CASING	CASING	TOTAL	BUMP PLUG	TO R	EVERSE	SQ. PSI	RATED	OP	RATED	OP	ł		TYPE	WEIGHT		URCE
				0		0	500 PSI	0	0	0	0		FRE	SH WATER	8.30	CITY	WATER
EVE: CI	ATION: ==																
		UBLE SETTING PRIOR TO CEI															
KONING C	, £10.,	. MOR TO CE		1													
		DUMP DE	TAIL C.			ı					DAILVOI	MANADY					
		PUMP DE		I					[2]		DAILY SU	MMARY:					
TIME		JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW		CO. REP							
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				0	PSI						
						CIRCULATING V				WPS	Ш						
6:00	-	-	-	-		Service and	start equip,	pre trip	equip.								
6:30	-	-	-	-	-	Road unit an	d equip to	loc.									
10:00	-	-	-	-	-	Spot in and I	RU unit and	l equip.									
11:30						Check PSI on Well, 460 psi on csg and tbg, 0 psi on BH, BDW.											
11:45						Unseat pump	, LD rods.										
13:45						ND well head		RU work	floor.								
14:45	_	-	-	-	-					ha (I D 22 ha	d jts holes in jts	# 92 93 a	nd 96)				
17:15	-		-	-		PU 5-1/2" sci				g (== ==	, ,	<i>,,,</i> 02, 00 u	00/.				
		_		_	_	Secure well,		111 10 203	υ.								
18:00																	
18:30	-	-	-	-	-	Travel to AW	S yard.										
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BUMPED	pq	I TO	TE	ST	TOTAL	BBL CMT.	PSI	9	POT	AZTEC WE	LL SERVICING (O REP ·		MIC	HEL CRANE		
PLUG:		JMP		DAT	BBL.	RETURNS/			ГОР	CUSTOMER					SON PEACE		
. 200.		UG:		MENT:	PUMPED:		CSG.:		MENT:		R REP.: R REP. SIGNATU	IDE:		JA	JON PLACE		
N/A					0.0	1.5	0		163'	COSTOWER	A ALF. SIGNATU	L.		CUSTOME	R AUTHORIZING AGEN	IT	
N/A	/A N/A N/A				0.0	1.3	U	1	100	1				222.300			



AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

LEASE & WELL NAME: Ca				ALTY COMI	PANY	DATE: September 16, 2020				SERVICE SUP:	30-039-24		TYPE OF JOB: P & A							
		840	22 A #13								COUNTY:	MICHEL C	RIO ARRIBA	CTATE:	NEW MEXICO					
			040	1			-		_	T		COUNTY.			_		MEXICO			
WAIERIAL	S FURNISI	IED:		<u> </u>	TYPE OF PLU	JGS: N/A	LIST	CSG. HARI	DWARE:	SQUEEZE MANIFOLD:	TOP OF	SLURRY	SLURRY	WATER	PUMP	SLURRY:	MIX			
					TTOM	0 0					EACH	WEIGHT:	YIELD:	REQ.:	TIME:	SLURRY:	WATER:			
					TTOM					NO	FLUID:	Lb/gal	Cuft/sk	Gals/sk	hr:mm	bbls	bbls			
PRE-FLUS	H - FRES	SH WATER					•			•										
			M&P 18 s	xs. 15.8# c	lass G cmt	w 2% Cal, fro	m 3457' to	3303' TC	C. Disn w 1	2bbls of fre	3,303	15.80	20.70	5.00		3.7	2.1			
						G cmt, from 3					2,944	15.80	40.25	5.00		7.2	4.2			
1 lug #2, 10	intialia ana	Ojo Alamo	TOPS. IIIG	00 0.0,	10.0# 01a33	o onia, nom c	DZ-10 10 Z0-	11 100,	Diop W 11D	DIO OI II COII.	2,044	10.00	40.20	0.00		1.2				
																				
																	 			
																	-			
V																	-			
AVAILABLE I		50.0	BBLS			DISPLACEMENT	WATER:		BBLS							IIX WATER:	6.3			
SIZE	HOLE % EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	CSGD.P.	DEPTH			SHOE	FLOAT	STAGE	+				
12 1/4	% EXCESS	326	9 5/8	36.00	J-55	370	2 3/8	4.70	J-55	3,625			0 0	0	0	-				
12 1/4	LAST C		9 3/0		-CMT RET-BR		PERF D		3-33		ONNECTION	I			LLBORE FLUID	1				
SIZE	WEIGHT	TYPE	DEPTH	-	D & TYPE	DEPTH	TOP	воттом	1	SIZE	THREAD	1		TY		WEIGHT	ĺ			
5 1/2	15.50	K-55	3,946		N/A	N/A	0	0	Ī	2 3/8	8 ROUND	1			WATER	8.30	ł			
		EMENT VOLU	,	CAL. PSI		MAX PSI	OP. MAX		TBG. PSI		CASING PSI			DISPLACEMENT I		4	ATER			
TUBING	CASING	CASING	TOTAL	BUMP PLUC	TO R	EVERSE	SQ. PSI	RATED	OP	RATED	OP]		TYPE	WEIGHT	SC	URCE			
				0		0	500 PSI	0	0	0	0		FRE	SH WATER	8.30	CITY	WATER			
		UBLE SETTING																		
RUNNING (CASING, ETC.,	PRIOR TO CE	MENTING:																	
						<u>r</u>														
		PUMP DE		1		DAILY SUMMARY:														
TIME		JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW		CO. REP		4								
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES: CIRCULATING V	NELL BIO			0 WPS	PSI	-								
										WPS		J								
5:00	-	-	-	-	-	Travel to loc														
7:00	-	-	-	-	-	Service and														
7:30	-	-	-	-	-	Check PSI or				0 psi on BH	, BDW.									
7:45						PU and tally			to 3460'											
8:00						TOOH, LD cs	sg scraper.													
8:45						TIH w 5-1/2"	CR and set	t @ 3457	•											
9:45	-	-	-	-	-	Pressure tes	t tbg @ 500	Opsi, god	od test.											
10:00	-	-	-	-	-	Sting out of	CR and rol	l well w 8	85 bbls fres	h, attempt to	pressure test c	sg, no test	lost 400p	si in 30 sec.						
10:45						Plug #1, PC	and Fruitla	nd Tops:	: M&P 18 sx	s, 15.8# clas	s G cmt w 2% C	al, from 34	57' to 3303	3' TOC, Disp w 1	2bbls of fresh	١.				
11:15	-	-	-	-	-	LD tbg to 32	70' and TO	OH LD se	etting tool.											
12:00						RU WL, run	CBL from 3	246' to s	urface, RD	WL.										
14:00						TIH open end	ded, tag plu	ug #1 @3	3245'.											
14:45						RU pump to	tbg est circ	w 2bbls	of fresh, a	ttempt to pre	essure test csg,	no test.								
15:00						Plug #2, Kirt	land and O	jo Alamo	Tops: M&F	35 sxs, 15.	8# class G cmt,	from 3245'	to 2944' T	OC, Disp w 11b	bls of fresh.					
15:30						LD tbg to289	6', reverse	out w 13	B bbls of fre	sh.										
15:45						TOOH 10 sta									_					
16:00						Secure well,														
16:30		İ				Travel to AW														
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		1		1													-			
			1																	
		t				t				RIM PEP	ON LOC, CLAY	/ Δ 7 7 IF								
		t								DEM REP (200, GEAT	- TANKELLE								
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BUMPED	PS	I TO	TE	ST	TOTAL	BBL CMT.	PSI		SPOT	AZTEC WE	ELL SERVICING CO REP.: MICHEL CRANE									
PLUG:	Вι	JMP	FL	OAT	BBL.	RETURNS/	LEFT ON	1	ТОР	CUSTOME	R REP.:			JA	SON PEACE					
	PL	UG:	EQUIF	PMENT:	PUMPED:	REVERSED:	CSG.:	CE	MENT:	CUSTOME	R REP. SIGNATU	JRE:			-	-				
N/A	N	N/A N/A 0.0 1.5 0 1163'												CUSTOM	ER AUTHORIZING AGE	NT				



AZTEC WELL SERVICING CO.

CEMENT JOB DETAIL SHEET

				ALTY COM	PANY	DATE: September 17, 2020 / LOCATION: Sec 22 T32N R5W					30-039-24		TYPE OF JOB: P & A							
	VELL NAME CONTRACT			22 A #13			LOCATION			ZN K5W	SERVICE SUP:	COUNTY:	MICHEL C	RANE RIO ARRIBA	STATE:	NIE VA	MEXICO			
			840						AWS	1		COUNTY:					MEXICO			
MATERIAL	S FURNISH	IED:		<u> </u>	TYPE OF PLU		LIST	CSG. HARI	OWARE:	SQUEEZE	TOP	OL LIDES!		IYSICAL SLURI			8.4137			
					TOP TTOM	N/A 0				MANIFOLD:	OF EACH	SLURRY WEIGHT:	SLURRY VIELD:	WATER REQ.:	PUMP TIME:	SLURRY:	MIX WATER:			
				BC	TIOM	1 0				NO	EACH FLUID:	WEIGHT: Lb/gal	YIELD: Cuft/sk	REQ.: Gals/sk	hr:mm	bbls	WATER: bbls			
PRF-FI IIS	H - FRES	H WATER					1				. 20.5.	_5, gai	Jarvan	Suid-Six		22/3	22.3			
			Reve 1F C	R# class C	cmt w 20/ 4	Cal from 1000	' to 1640' T	בטר סויי	n w 5 Shbla	of fresh	1,648	15.80	32.20	5.00		5.7	3 2			
						Cal, from 1889				oi iiesii.				1			3.3			
						15.8# class G		300 to (, 10C.		0	15.80	109.25	5.00		19.5	11.3			
Plug #4-A,	Top Off: M	&P 12 SXS,	15.8# clas	s G cmt to	o top off cas	sing and cellu	ır.				0	15.80	13.80	5.00		2.5	1.4			
															-					
					✓															
AVAILABLE I	MIX WATER:	50.0	BBLS		AVAILABLE [DISPLACEMENT	WATER:	100.0	BBLS						TOTAL N	IIX WATER:	16.0			
	HOLE				CSGD.P.				CSGD.P.					COLLAR DEPT						
SIZE	% EXCESS	DEPTH	SIZE	WEIGHT	TYPE	DEPTH	SIZE	WEIGHT	TYPE	DEPTH			SHOE	FLOAT	STAGE	_				
12 1/4	100	326	9 5/8	36.00	J-55	370	2 3/8	4.70	J-55	3,625			0	0	0	1				
0.75	LAST C		DEDTU		-CMT RET-BR		PERF D		-		ONNECTION				LLBORE FLUID	WEIGHT				
SIZE 5.1/2	WEIGHT 15.50	TYPE K-55	DEPTH 2 046		D & TYPE V/A	DEPTH N/A	TOP	BOTTOM	4	SIZE 2 3/8	THREAD	ł		TY		WEIGHT				
5 1/2	15.50	K-55 EMENT VOLU	3,946 MF: BBI	CAL. PSI		N/A MAX PSI	OP. MAX	0 ΜΔΧ	TBG. PSI		8 ROUND CASING PSI	1	1	FRESH DISPLACEMENT F		8.30 w	ATER			
TUBING	CASING	CASING	TOTAL	BUMP PLUC		EVERSE	SQ. PSI	RATED	OP	RATED	OP	i	-	TYPE	WEIGHT		URCE			
. JUNG	CAUING	CAUING	TOTAL	0	10 K	0	500 PSI	0	0	0	0	1	FRF	SH WATER	8.30		WATER			
				_			000101	·						OHWAILK	0.00	0111	WAILK			
EXPLAN	NATION: TRO	UBLE SETTING	TOOL,																	
		PRIOR TO CEI																		
				<u></u>																
		PUMP DE	TAILS:								DAILY SU	MMARY:								
TIME	PRESSU	JRE - PSI	RATE	BBL FLUID	FLUID	SAFETY MEETIN	NG:	CREW		CO. REP										
HR: MIN:	PIPE	ANNULUS	BPM:	PUMPED:	TYPE:	TEST LINES:				0	PSI									
						CIRCULATING V	VELL RIG:			WPS										
5:00	-	-	-	-	-	Travel to loc	•													
7:00	-	-	-	-	-	Service and	start rig an	d equip,	fill out JSA	, held safety	mtg.									
7:15	-	-	-	-	-	Check PSI or	n Well, Ops	i on tbg,	csg and Bl	1.										
7:30						TIH tag plug														
7:45						RU to tbg es			npt to press	ure test csa	, no test.									
8:00						LD tbg to 18														
8:45	-	-	-	-	-				0', attempt	to est injecti	on rate, no rate,	RD WL.								
9:00	-	-	-	-	-	TIH open end														
9:30											nt w 2% Cal, fron	1889' to 1	648' TOC	Disp w 5.5hbls	of fresh					
9:45	_	_	_	_	_	LD tbg to 15				5.000 0 011	/0 041, 11011		3.0 100,		27 H 90H					
10:30	_		_	<u> </u>	_	WOC.		J. 1.												
13:15				<u> </u>		TIH tag plug	#3 @16031													
				 																
13:45				 		LD all tubing		4- 6000			DII	ul lm!!		I/i @ccc	DD WI					
14:15				-					, attempt to	est circ up	BH, unsuccessf	ur, injectio	ıı rate 1bb	vinin @600psi,	אט WL.					
15:30				-		TIH w 5-1/2"														
15:45				1	1					outside M&F	95 sxs, 15.8# cl	ass G cmt,	, from 380'	to 0' TOC.						
<u> </u>				-		Pumping 47s		and 48s	xs inside.											
16:15				-		LD all tubing														
16:30				1		RD work floo														
17:00						Cut off well I														
18:00						Plug #4-A, To	op Off: M&	P 12 sxs	, 15.8# class	s G cmt to to	p off casing and	cellur.								
18:15						Wash up equ	ıip, RD uni	t and cm	t equip, pre	p for rig mo	ve, SDFN.									
19:00						Travel to AW	S yard.													
							_										_			
										BLM REP	ON LOC, CLAY Y	'AZ7IF								
				1						m KEI										
				 																
				1																
				 																
				1	1															
				1																
				l						1										
BUMPED		ТО		ST	TOTAL	BBL CMT.	PSI		SPOT		/ELL SERVICING CO REP.: MICHEL CRANE									
PLUG:		MP		OAT	BBL.	RETURNS/	LEFT ON		TOP	CUSTOME				JA	SON PEACE					
		UG:		PMENT:		REVERSED:	CSG.:		MENT:	CUSTOME	R REP. SIGNATU	IRE:		0.107	ED AUTHODIZATO A TT	NT				
N/A	N	/A	N	l/A	0.0	1.5	0	<u> </u>	1163'					CUSTOM	ER AUTHORIZING AGE	NI				