Office <u>District I</u> — (575) 393-6161	strict	State of New Me	Xico		Form C-103
District 1 – (3/3) 393-0101	Energy	Minerals and Natu	ral Resources		Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88	3240			WELL API NO.	ŀ
<u>District II</u> - (575) 748-1283 811 S. First St., Artesia, NM 88210	HOBOIL CA	SERVATION	DIVISION	30-025-28515	
<u>District III</u> - (505) 334-6178	3 1	NSERVATION 20 South St. Fran Saint Fe, NM 8	ncis Dr.	5. Indicate Type of Le	
1000 Rio Brazos Rd., Aztec, NM 8	7410 OC	College NIM 8'	7505 7505	STATE 🛛	FEE
<u>District IV</u> - (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, N	т .c.	Politarie, Ivivi o	7505	6. State Oil & Gas Lea	ise No.
87505	" aeu			31/21/	
	NOTICES AND REI	PORTS ON WELLS		7. Lease Name or Unit	Agreement Name
(DO NOT USE THIS FORM FOR				STATE A A/C I	
DIFFERENT RESERVOIR. USE PROPOSALS.)	"APPLICATION FOR PER	KMIT" (FORM C-101) FO	OK SUCH		
1. Type of Well: Oil Well	☐ Gas Well ☒	Other: Water Inject	or	8. Well Number #120	WIW
2. Name of Operator	_==			9. OGRID Number 32	197367
Blackbeard Operating, LLC	,				370767
3. Address of Operator				10. Pool name or Wild	lcat
200 N. Loraine, Suite 300 M	Iidland, TX 79705			LANGLIE MATTIX; 7 RVRS	-Q-GRAYBURG
4. Well Location					·
	C : 25 feet	from the NORTH	line and	1345 feet from the	West line
		ownship 23S	Range 36E	NMPM	County LEA
Section		Show whether DR			County LEA
	3,467' (GL)	i (Snow whether DR	, AAD, A1, GA, e1c.,	,	
	3,407 (GL)				
10 0	1 - 1 A 1 - 4 - T		CNT 4	D	
12. Ci	neck Appropriate E	1 .	ature of Notice,	Report or Other Data	ı
NOTICE	OF INTENTION T	LU: 16.40.	l eup	SEQUENT REPOR	OT OE.
PERFORM REMEDIAL WO		_	REMEDIAL WOR		ERING CASING
			1		
TEMPORARILY ABANDON			COMMENCE DRI		ND A
PULL OR ALTER CASING		OMPL []	CASING/CEMEN	I JOB	
DOWNHOLE COMMINGLE					
CLOSED-LOOP SYSTEM			OTUED.		
OTHER: 13. Describe proposed o	a completed execution	c (Clearly state all	OTHER:	d circo portinent detec inc	huding actimated data
of starting any proper	r completed operations	s. (Clearly state and	perunent details, an Car Multiple Co	n give perunent dates, inc mpletions: Attach wellbo	riuding estimated date
proposed completion		E 17.13./.14 NWIAN	. For Munipie Co	inpicuons. Auach wence	ue diagram or
Di obosea combicator	i oi tecombicuon.			•	
	from Evnined T/A Stat	fue			
	from Expired T/A Stat	tus			
Update to PA status	•				
Update to PA status 1. MIRU Plugging	g company. ND Wellhe	ead. NU BOP.	PII and set new CIR	.P at 3.480' MD	
Update to PA status 1. MIRU Plugging 2. MU and RIH w	company. ND Wellhe CIBP. Tag old CIBP/	ead. NU BOP. TOC at 3490' MD, I			POOH above TOC
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State A A/C-1 #120 (Current) Jalmat Field Lea, NM

API: 30-025-28515

K.B. Elev. 3,495' Ground Level 3,483'

Spud Date: 4/1984

Surface Casing

8-5/8", 24# @ 442' w/ 275 sx cmt. TOC @ surface

Well History:

Initial Completion (4/1984):

Drilled as injector Perf: 3792-3798" Acidize w/ 750 gal 15% NEFE HCL Perf: 3738-3791" Acidize w/ 5000 gal 15% NEFE HCL Perf: 3666-3724' Acidize w/ 4000 gal 15% NEFE HCL Began water injection

TA (12/17/1992)

LD tog
Set CIBP @ 3500' w/ 2SX cement on top, TOC 3490'
MD.
TA status gained.

Casing tested - 2/1998, 3/2003, 1/2009, 3/2016, 7/2018

2019-05-06: Casing test Failed. Pre-test held. OCD requested to go up to 560psi. Pressure held at 560psi for 3 minutes then dropped off fast. Subsequent test went on vacuum. Suspected CIBP failure.

2019_09: Pending PA

Production Casing

5-1/2", 14# @ 3,850' w/ 1300 sx cmt, TOC @ surface'

TD - 3,850'

PBTD - 3,840'

DV tool @ 2776' w/ 1050 sx cmt

LWR 7 Rivers & Queen Formation CIBP @ 3500'

Perfs: 3666-3724" (38 holes)

Perfs: 3738-3791" (43 holes)

Perfs: 3792-3798' (11 holes)

Est. tops

Rustler = 1,238'
Tansill = 2,974'
Yates = 2,124'
7 Rivers = 3,322'
Queen = 3,735'

Last Dated: 9/9/2019 Author: P. Tinar

BLACKBEARD

State A A/C-1 #120 (Proposed) Jalmat Field Lea, NM

API: 30-025-28515

K.B. Elev. 3,495' Ground Level 3,483'

Spud Date: 4/1984

Surface Casing

8-5/8", 24# @ 442' w/ 275 sx cmt. TOC @ surface

Well History:

Initial Completion (4/1984):

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TA (12/17/1992)

LD tbg

Set CIBP @ 3500' w/ 2SX cement on top, TOC 3490'

TA status gained.

Casing tested - 2/1998, 3/2003, 1/2009, 3/2016, 7/2018

2019-05-06: Casing test Failed. Pre-test held. OCD requested to go up to 560psi. Pressure held at 560psi for 3 minutes then dropped off fast. Subsequent test went on vacuum. Suspected CIBP failure.

2019_09: Pending PA

Production Casing

5-1/2", 14# @ 3,850' w/ 1300 sx cmt, TOC @ surface'



Cement plug from 100' - Surface MD 15 Sx inside 8-5/8" x 5-1/2" Annulus 11 Sx inside 5-1/2" Total Sx: 26

Cement plug from 1275' - 398' MD 91 Sx of 14.8ppg 1.32ft^3/sx Class C cement

DV tool @ 2776' w/ 1050 sx cmt

CIBP @ 3480' MD w/ 25 Sx cement on top. Estimated TOC @ 3239' MD

LWR 7 Rivers & Queen Formation CIBP @ 3500°

Perfs: 3666-3724" (38 holes)

Perfs: 3738-3791" (43 holes)

Perfs: 3792-3798' (11 holes)

TD - 3,850' PBTD - 3,840'

Est. tops

Rustler = 1,238 Tansill = 2,974' Yates = 2,124' 7 Rivers = 3,322'

Queen = 3,735'

Last Dated: 10/22/2019 Author: P. Tinar

	· · · · · · · · · · · · · · ·	
	Plug 1	
	14.8	ppg
	25	SX
	1.32	ft^3/sx
	33	ft^3
	5.9	bbls
Plug length	241	ft
Base	3480	ft
тос	3239	ft

5-1/2" 14ppf Casing Capacity 0.0244 bbl/ft

	Plug 2
	14.8 ppg
	91 sx
	1.32 ft^3/sx
	120.12 ft^3
	21.4 bbls
Plug length	877 ft
Base	1275 ft
TOC	398 ft

8-5/8" 24ppf x 5-1/2" 14ppf capacity 0.0343

bbl/ft

Pl	ug 3
	14.8 ppg
Annular Sx	15 sx
5-1/2" Sx	11 sx
	1.32 ft^3/sx
	19.8 ft^3
	3.5 bbls
Annular Plug length	103 ft
5-1/2" plug length	106.0 ft
Base	100 ft
тос	-3 ft

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Southwestern	ICTION D	ISTRICT				T==== NUM -025-28			FIN	S/WI	W	
Sun Expl. & Prod.		····					NELL NUMBER	-		•		
	LD.		<u> </u>	<u> </u>		H A/L	-1 #120 W	I M	ST	ATE/PR	OVINCE	
Langlie Mattix (S	Seven l				·g)	Lea				w Mex		
25' FNL & 1345' F	FWL, Se		23-5		5-E			L		MAP & C	COORD. CLtr "C	п
T 20094-1 pt			1.0						HERS &	WI		
1 20034-1 PC	1.	<u> </u>		OMPLETE	D			n	one ELEV	ATION		
3-26-84	,		5-1	-84		K	B 3495, G		3			
38501	<u> </u>	3840°			TVD		384	_			urface	
8 5/8" CS @ 442',	5 1/2	2" CS @ 38	50'			•		-				
NAME OF PRODUCING	G ZONE(S		2-37		PRATION(S)						CTION TEST	Γ
. Langlie Mattix					-3782 &	3783-37	A/750 <u>91 A/5000</u>	gais cals	15% NE	erenci leFeHC	:1	
2. Langlie Mattix		366	6-36	80, 36	87-3693, 720-3724		²· A/4000					
, , , , , , , , , , , , , , , , , , , ,			<u> </u>	<u>00 u 0</u>	720 0721							
ELECTRIC SURVEY(S) AND IN	TER VAL (3. s)					3. IP: W	IW. I	nj l b	SPM on	VAC	
Compensated Neutr	ron loc	(Cased h	<u>ole</u>	-Schlu	<u>mberger)</u>	50' -	3828 '					
					·							
								1	G	EOL. ON	WELL	
						 .		ļ	Za	gorsk	<u>.i</u>	
CORE DESCRIPTION: X NON	E 🗀	ATTACHED		CORE	ANALYSIS:	NONE	ATTACH	ΙĘĎ	PALE	RUN:	TYES 1	() NO
DIRECTIONAL SURVEY: X	DNE F	ATTACHED		MUD	L06: 🙀 NO	NE [ATTACHED		SAMPLE	S RUN:	□ ves f	V NO
755504010.00		<u></u>		GEOL	OGICAL DAT	i	GROSS	N.E.	T PORO	SITY		
RESERVOIR OR GEOLOGICAL MARKER	₹	ТОР	!	SUBSEA	BASE	SUBSE	TUICY	OIL		WATER	CONTAC	
1. Rustler		1238		+2257	2974	+521	1736					
z. Tansil		2974		+521	.3123	+372	149					
3. Yates		3123		+372	3322	+173						
4. Seven Rivers		3322		+173		Ì		34	~30.		C== (0±.	1 150
					3734	-239	412				Gas/Oi	
s. Queen		3734		-239				48_	0_		Oil/Wtr	c-300
6.						-		-	-			
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COMPLETION	* WARKENIED	DEDMOT
COUGH STICK	e wijkruven	REFURI
CUMPLENCY	_ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

DATE: 12-17-92 WELL: STATE A MC 1 # 120 AIG: SCHLUMBERGER - BUTE STEEMA CO. REPRESENTATIVE: BUBBY CROSSIANO REPORT TAKEN BY:

-COST CONTROL-

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AGCT		ACCT		ACC	r	•	• •
CODE	DESCRIPTION .	COOR	DESCRIPTION	COC	£	DESCRIPTION	
				_			, ,
	WORKOVER RIG	414	ECLIPMENT REPAIR		OB WELL	HEAD ASSEMBLY.	
401		415	PROTECTIVE LINER		on Wat	RUMENTATION	
408			WELLHLEAD ASSEMBLY.			OS & ACCEBBORIES	
403	CEMENTING & BERVICE						
404 .	MUD, WATER & CHEMICALE	417	PRODUCTION LINER			WATORS & ACCS	
406	FRAC & STIMULATION	· 418·	Packers, accessories	·	12 PIPE	. FLOW LINE, ETC.	·
406	EQUIPMENT RENTAL	419	PRODUCTION TUBING		IS OTH	er equipment	·
407	SWABSING .	891	SUCKEA RODS	1	HA COM	PRESSORS	
406	FISHING & EQUIPMENT	502	PUMPING LINIT	, ,	16 PUM	P8 - BURFACE	
	FLIEL:	w	ENGINES		ion Plui	A ABANDONMENT	120000
400			ELECTRICAL		102 BUR	PLUS EQUIPMENT	_ 6
410	LABOR			·		ATION RESTORATION	
411	ENGR. & SUPV.	505	enga. & Supv:		٠		
412	MISC. EXPENSE		LABOR	. 1	104 DAM	AGES	
413	CVERHISAD	607	MIRC. SERVICES				. •
	4 :		nt.		,		•
	# 1200 °C		CUM COST	100 🕮	COM	911	W/0 []
DAILY			TYPE OF JOBTO	PACU ASANDO	אונונו	シンプ	
PORMA.	TICH		Line or and	7			•
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L.	GGOD UP SCLUMBER	26CH2.	R.1.11	<u> 5/2. C.1<i>BF</i></u>	<u>, </u>	5 <i>4</i> 7 @	3500 F.S.
	mf 2 5KS. Cemont		À	n \ mimus			
De	np 2 SKS. Cemon 7	211	FLUG, KIG	DOWN SCH	6.611071	BORBER	
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51	lut well in. Th	A W	562 12-11	- 9 2-			
							
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COMPLETION	å	WORKOVER REPORT

DOM: SELECT & Marriage			
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DATE: 10-10-92 WELL	57HTE 17 /C	/ /2U_ AIG: YOU WELL SE	RUICE
CO SUBSESSION POR POR POR	(RDSSLAND	/ #/20 RIG: POOL WEST SE.	
OC. NO. INC.			······································



COST CONTROL-

			PI-COMMOE.				
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ACCT		ACCT		4	ACCT	1	•
CODE	DEBCRIPTION .	COOE	DESCRIPTION	Ť	2002	DESCRIPTION .	
							 -
	WORKOVER MIG	414 EQUA	PIKENT REPAIR		508	WELLHEAD ASSEMBLY,	
401				.,,			
408	MINETINE MOUK	418 PROT	ECTIVE LINER		509	INSTRUMENTATION	
403	CEMENTING & BERVICE	410 WELL	HLEAD ABBEMBLY,		610	Tanks & Accessories	•
404	MUD, WATER & CHEMICALS	417 PROG	DUCTION LINER		611	SEPARATORS & ACCS	
						PIPE, FLOW LINE, ETC.	
405	PRAC & STRULATION		ERS, ACCEBSORIES		61E .	PIPE, FLOW LINE, ETC.	
400	EQUIPMENT RENTAL	410 PROC	DUSTION TUBING		513	OTHER EQUIPMENT	
407	SWASRING	501 \$UCH	CER RODS		514	COMPRESSORS	
	PIBHING & EQUIPMENT	602 PUM	RING UNIT		515	PUMPS - SURFACE	-
456					919		
400 .	TUEL .	668 ENQI	NEB		501	PLUG & ABANDONMENT	900 =0
310	LABOR	. 504 CLEC	TRICAL		902	SURPLUS EQUIPMENT	•
444	ENGR, & SUPV.	606 ENG	L & SUPV:		400 :	LOCATION RESTORATION	
,411			* *** **		•		
412	MISC. EXPENSE	805 LABO		·	804 -	DAMAGES	-
419	OVERHEAD	807 MISC	. SERVICES				
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	* 400 <u>ee</u>		# ማለ	O 00.			
DAILY C	PST. I C/C ³	.CUM C	-COST	(C)	~ ~ - .	COMPIL DONNETT	W/O I I
FORMAT	ION	TYPE	09 JOBZ£	DNHOLPRY J	BON	DONMENT	
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	2		<i>a.</i>	-// 1 0			·
<u></u>	IGGED UP UNIT	UNSE	er 0715	5/2 /tx	MA	LATCH & L	AyeD
<u></u>	IGGED UP UNIT	b" a	15 107/5	5/2 /6x	DNA.	CATCH & L	Ayero
DX	1660 UP UNITOUN 1/2 1/3	18" Cemer	NT LINED	186 4	ONA. P.K.K	CATCH & LI C. SHUT WE	ETL IN.
	1660 UP UNITOWN 112 115. 23		NT LINED	786. 4	ons. P.K.K	CATCH & L	AYED ETC IN,
			NT LINED	5/2 /6x 186. 4	ONA. P.K.K	CATCH & L.	AYED ETC. IN,
	16600 (11 (W17) OWN 112 175. 23 6600 DOWN UNI		et 0775 NT LINED	5/2 /cm 766. 4	ens. P.K.k	LATOH & L.	AYED ELL IN,
			et 0775 NT LINED	5/2 /cs 766. 4	emas P.K.K	LATOH & L.	AYED ELL IN,
			et 0775 NT LINED	5/2 /cs 766. 4	ens. P.K.	LATOH & L.	AYED ETC IN,
			er OTTS NT LINED	5/2 /ex 766. 4	ONA. P.K.K	LATOH & L	AYED ETC IN,
			et 0775 NT LINEID	5/2 /ex 766. 4	ens. P.K.K	LATOH & L	AYED ETC IN,
			NT LINEZO	5/2 /6x 766. 4	ens.	LATOH & L	AYED ETC IN,
			er OTIS NT LINEZO	5/2 /6x 786. 4	ens.	LATOH & L	AYED ETC IN,
			et OTIS NT LINED	5/2 /6x	emas P.K.K	LATOH & L.	AYED ETL IN,
			et OTIS NT LINED	5/2 /6x	emas P.K.K	LATOH & L.	AYED ETL IN,
			et OTIS NT LINED	5/2 /cs	ema. P.K.K	LATOH & L	AYED ELL IN,
			et 0775 NT LINED	5/2 /cs	ema. P.K.K	LATOH & L	AYED ETC IN,
			er OTIS NT LINED	5/2 /cs	ema. P.K.K	LATOH & L	AYED ETC IN,
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			NT LINED	5/2 /6x	ema. P.K.K	LATOH & L	AYED ETLIN,
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			et OTIS NT LINED	5/2 /6x	ema. P.K.K	LATOH & L	AYED ETL IN,
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				5/2 /6x 186. 4	ema. Pxk	LATOH & L.	AYED ETLIN,
				5/2 /6x 186. 4	ema. Pxk	LATOH & L.	AYED ETLIN,
				5/2 /6x 186 4	ema. Pxk	LATOH & L.	AYED ETL IN,

GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'. Plugs should be no more than 3000' apart
- 9) Site remediation due within one year of well plugging completion.