

Submit 1 Copy To Appropriate District

Office

District I - (575) 393-6161

1625 N. French Dr., Hobbs, NM 88240

District II - (575) 748-1283

811 S. First St., Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Rd., Aztec, NM 87410

District IV - (505) 476-3460

1220 S. St. Francis Dr., Santa Fe, NM

87505

State of New Mexico
Energy, Minerals and Natural Resources

HOBBS
OCT 3 02 PM
RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

Revised July 18, 2013

WELL API NO.

30-025-28515

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

317217

7. Lease Name or Unit Agreement Name

STATE A A/C 1

8. Well Number #120 WIW

9. OGRID Number 3787367

370767

10. Pool name or Wildcat

LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other: Water Injector

2. Name of Operator

Blackbeard Operating, LLC

3. Address of Operator

200 N. Loraine, Suite 300 Midland, TX 79705

4. Well Location

Unit Letter C : 25 feet from the NORTH line and 1345 feet from the West line

Section 10 Township 23S Range 36E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3,467' (GL)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

DOWNHOLE COMMINGLE ☐

CLOSED-LOOP SYSTEM ☐

OTHER: ☐

PLUG AND ABANDON ☒

CHANGE PLANS ☐

MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING/CEMENT JOB ☐

ALTERING CASING ☐

P AND A ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Update to PA status from Expired T/A Status

1. MIRU Plugging company. ND Wellhead. NU BOP.

2. MU and RIH w/CIBP. Tag old CIBP/TOC at 3490' MD, PU and set new CIBP at 3480' MD

3. RIH w/tubing, tag CIBP at 3480' MD. Spot 25SX of 14.8ppg 1.32ft³/sx Class C cement at 3480' MD. POOH above TOC (~3239'), Circulate clean to surface. POOH w/10 joints. WOC. SPOT 25 SX CL, C cement 2776

4. RIH, Tag cement, Circulate MLF 10.0ppg Fluid, Test casing to 500psi, record results. POOH to 1275'

DU TOOL

5. Spot 91sx at 1275' (Rustler @ 1238', Shoe @ 442'). TOC at 400' or better. WOC.

6. RIH and tag TOC. Test Casing to 500psi, record results. POOH.

7. RU wireline, RIH and perforate 5-1/2" casing at 100'. Circulate cement to surface.

8. Cut off Wellhead and weld on dry hole marker.

Spud Date:

Rig Release Date:

See Attached
Conditions of Approval

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Port J...

TITLE

Asset Engineer

DATE

10-22-2019

Type or print name

E-mail address:

PHONE:

For State Use Only

APPROVED BY:

Henry J...

TITLE

C.O. A

DATE

11-1-19

Conditions of Approval (if any)

State A A/C-1 #120 (Current)
Jalmat Field
Lea, NM
API: 30-025-28515



BLACKBEARD
OPERATING

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 tbg
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

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)

Production Casing

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

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: 9/9/2019
Author: P. Tinar

State A A/C-1 #120 (Proposed)
Jalmat Field
Lea, NM
API: 30-025-28515

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Ground Level 3,483'
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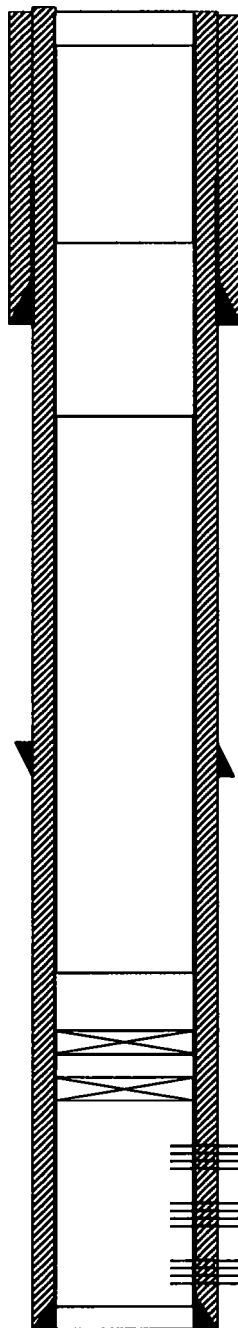
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BLACKBEARD OPERATING



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 1.32ft³/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'

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
TOC	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

	Plug 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
TOC	-3 ft

NAME OF PRODUCING ZONE(S)	PERFORATION(S)	INITIAL POTENTIAL OR PRODUCTION TEST
Langlie Mattix	3792-3798	A/750 gals 15% NeFeHC1
1. Langlie Mattix	3738-3744, 3756-3782 & 3783-3791	A/5000 gals 15% NeFeHC1
	3666-3680, 3687-3693,	
2. Langlie Mattix	2. 3698-3708 & 3720-3724	2. A/4000 gals 15% NeFeHC1
3.	3.	3. IP: WIW. Ini 1 BPM on VAC

ELECTRIC SURVEY(S) AND INTERVAL(S)

Compensated Neutron log (Cased hole -Schlumberger) 50' - 3828'

CORE DESCRIPTION: ☒ NONE ☐ ATTACHED CORE ANALYSIS: ☒ NONE ☐ ATTACHED PALEO RUN: ☐ YES ☒ NO

DIRECTIONAL SURVEY: ☒ NONE ☐ ATTACHED MUD LOG: ☒ NONE ☐ ATTACHED SAMPLES RUN: ☐ YES ☒ NO

GEOLOGICAL DATA

[illegible]

COMPLETION & WORKOVER REPORT



DATE: 12-17-92 WELL: STATE A #1 #120
CO. REPRESENTATIVE: BOBBY CROSSLAND

RIG: SCHLUMBERGER - BLUE STEAK
REPORT TAKEN BY: _____

COST CONTROL

ACCT CODE	DESCRIPTION	ACCT CODE	DESCRIPTION	ACCT CODE	DESCRIPTION
401	WORKOVER RIG	414	EQUIPMENT REPAIR	508	WELLHEAD ASSEMBLY
402	WIRELINE WORK	415	PROTECTIVE LINER	509	INSTRUMENTATION
403	CEMENTING & SERVICE	416	WELLHEAD ASSEMBLY	510	TANKS & ACCESSORIES
404	MUD, WATER & CHEMICALS	417	PRODUCTION LINER	511	SEPARATORS & ACCS
405	FRAC & STIMULATION	418	PACKERS, ACCESSORIES	512	PIPE, FLOW LINE, ETC.
406	EQUIPMENT RENTAL	419	PRODUCTION TUBING	513	OTHER EQUIPMENT
407	SWABBING	501	SUCKER RODS	514	COMPRESSORS
408	FISHING & EQUIPMENT	502	PUMPING UNIT	515	PUMPS - SURFACE
409	FUEL	503	ENGINES	601	PLUG & ABANDONMENT
410	LABOR	504	ELECTRICAL	602	SURPLUS EQUIPMENT
411	ENGR. & SUPV.	505	ENGR. & SUPV.	603	LOCATION RESTORATION
412	MISC. EXPENSE	506	LABOR	604	DAMAGES
413	OVERHEAD	507	MISC. SERVICES		

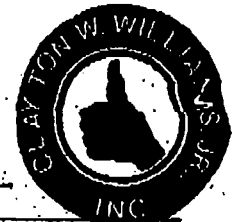
DAILY COST: \$1200.00 CUM COST: \$2100.00 COMP: 11 W/O: 11
FORMATION: _____ TYPE OF JOB: TEMPORARY ABANDONMENT

RIGGED UP SCHLUMBERGER, R.I.H. 4" / 5 1/2" C.I.B.P. & SET @ 3500' F.S.
DUMP 2 SKS. CEMENT ON PLUG, RIG DOWN SCHLUMBERGER,
SHUT WELL IN. T/A WELL 12-17-92

COMPLETION & WORKOVER REPORT

DATE: 12-10-92 WELL: STATE A 761 #120
CO. REPRESENTATIVE: BOBBY CROSSLAND

RIG: POOL-WELL SERVICE
REPORT TAKEN BY: _____



-COST CONTROL-

ACCT CODE	DESCRIPTION	ACCT CODE	DESCRIPTION	ACCT CODE	DESCRIPTION
401	WORKOVER RIG	414	EQUIPMENT REPAIR	508	WELLHEAD ASSEMBLY
402	WIRELINE WORK	415	PROTECTIVE LINER	509	INSTRUMENTATION
403	CEMENTING & SERVICE	416	WELLHEAD ASSEMBLY	510	TANKS & ACCESSORIES
404	MUD, WATER & CHEMICALS	417	PRODUCTION LINER	511	SEPARATORS & ACCS
405	FRAC & STIMULATION	418	PACKERS, ACCESSORIES	512	PIPE, FLOW LINE, ETC.
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410	LABOR	504	ELECTRICAL	502	SURPLUS EQUIPMENT
411	ENGR. & SUPV.	505	ENGR. & SUPV.	503	LOCATION RESTORATION
412	MISC. EXPENSE	506	LABOR	504	DAMAGES
413	OVERHEAD	507	MISC. SERVICES		

DAILY COST: \$ 900.00
FORMATION: _____

CUM COST: \$ 900.00
TYPE OF JOB: TEMPORARY ABANDONMENT

COMP (1)

W/O (1)

RIGGED UP UNIT, UNSET OTIS 5 1/2" PERMALATCH & LAYED DOWN 112 LBS. 2 3/8" CEMENT LINED TGG. & PRR. SHUT WELL IN, RIGGED DOWN UNIT.

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.