

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

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 200 South St. Francis Dr.
 Santa Fe, NM 87505

OCT 30 2014

RECEIVED

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 REVISION" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-28509
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: Water Injector		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Blackbeard Operating, LLC		6. State Oil & Gas Lease No. A-983
3. Address of Operator 200 N. Loraine, Suite 300 Midland, TX 79705		7. Lease Name or Unit Agreement Name STATE A A/C 3
4. Well Location Unit Letter <u>G</u> : <u>1345</u> feet from the <u>NORTH</u> line and <u>1480</u> feet from the <u>East</u> line Section <u>10</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number 10
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3650' (GL)		9. OGRID Number 3707367
		10. Pool name or Wildcat LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input checked="" type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
---	--	---	--

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 to justify proposed completion or recompletion.

Update to TA status from Shut in Water Injector

- MIRU Plugging company. ND Wellhead. NU BOP.
- Pull Tubing/Packer.
- MU and RIH w/CIBP and set CIBP at 3575' MD
- RIH w/tubing, tag CIBP at 3575' MD. Spot 25SX of 14.8ppg 1.32ft³/sx Class C cement at 3575' MD. POOH above TOC (~3334'), Circulate clean to surface. POOH w/10 joints. WOC.
- RIH, Tag cement, Circulate MLF 10.0ppg Fluid, Test casing to 500psi, record results.

Condition of Approval: notify
 OCD Hobbs office 24 hours
 prior of running MIT Test & Chart

Spud Date: Rig Release Date:

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

SIGNATURE [Signature] TITLE Asset Engineer DATE 10-22-2014
 Type or print name _____ E-mail address: _____ PHONE: _____
For State Use Only
 APPROVED BY: [Signature] TITLE C.O. A DATE 11-1-19
 Conditions of Approval (if any):

Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart

Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart

State A A/C-3 #10 (Current)
Pool: Langlie Mattix-7RVRS-Queen-Grayburg
SU-T-R: 10G-23S-36E
1345'FNL; 1480' FEL
Lea, NM
API: 30-025-28509



BLACKBEARD
OPERATING

K.B. Elev. 3,474'
Ground Level 3,650'
Spud Date: 2/6/1984

Surface Casing

Hole Size: 12-1/4"
 8-5/8", 24# @ 457' w/ 275 sx cmt. TOC @ surface,
 60SX to Surface
 Casing Head: 8-5/8" x 5-1/2" Larkin

2-3/8" Tubing Cement Lined
 N Profile: 1.5" ID
 On/Off tool
 EOT @ 3559' MD

Otis Perma-latch Packer @ 3559' MD
 set w/7000' tension.

Well History:

Initial Completion (2/6/1984):
 Drilled as injector and completed in 2 stages.

4/1984 Produced well
 After initial completion it was produced until injection
 facilities could be installed.
 1st test: 15 BOPD, 10MCFD, 166 BWPD.

8/1984 Convert to Injector

10/1992: Pressure test Casing to 500psi.

Casing tests passed: 10/1992, 10/1997, 3/2003, 1/2009

Acid Stimulations:
 11-1997, 1-1996,

5/2019 MIT test (OCD onsite)
 Test failed, did not pressure up, established injection
 very easily.

2019_10: Pending PA

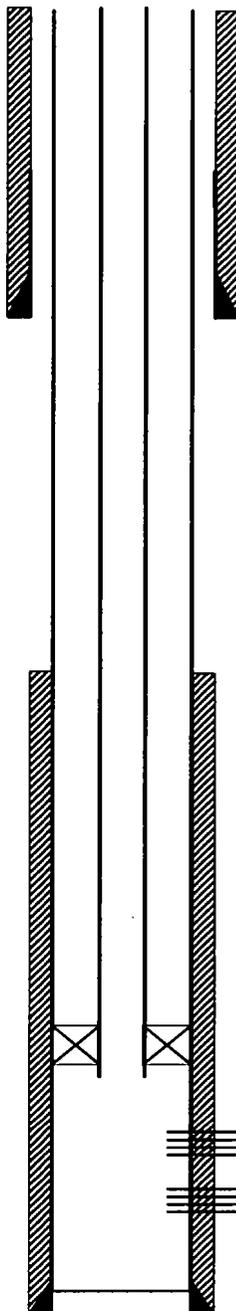
Production Casing

Hole Size: 7-7/8"
 5-1/2", 14# @ 3,800' TOC @ 2750' MD per Log
 Lead CMT: 650 SX LITE CMT
 Tail CMT: 200 SX 50-50 C & POZ.
 No CMT to surface, Circulation sporadic during job.

Grayburg Completion:

Perfs: 3655' - 3700' (1 SPF, 46 holes)
 Acidized w/4000gal 15% NEFE.

Perfs: 3700' - 3710' (1 SPF, 10 holes)
 Acidized w/1000gal 15% NEFE



TD - 3,800'
PBTD - 3,758'

Est. tops
 Rustler = 1235'
 Tansill = 2824'
 Yates = 2977'
 7 Rivers = 3164'
 Queen = 3518'
 G-Burg = 3710'

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

State A A/C-3 #10 (Proposed)
Pool: Langlie Mattix-7RVRS-Queen-Grayburg
SU-T-R: 10G-23S-36E
1345'FNL; 1480' FEL
Lea, NM
API: 30-025-28509



BLACKBEARD
OPERATING

K.B. Elev. 3,474'
Ground Level 3,650'

Spud Date: 2/6/1984

Surface Casing

Hole Size: 12-1/4"

8-5/8", 24# @ 457' w/ 275 sx cmt. TOC @ surface,
 60SX to Surface
 Casing Head: 8-5/8" x 5-1/2" Larkin

Well History:

Initial Completion (2/6/1984):

Drilled as injector and completed in 2 stages.

4/1984 Produced well

After initial completion it was produced until injection facilities could be installed.
 1st test: 15 BOPD, 10MCFD, 166 BWPD.

8/1984 Convert to injector

10/1992: Pressure test Casing to 500psi.

Casing tests passed: 10/1992, 10/1997, 3/2003, 1/2009

Acid Stimulations:

11-1997, 1-1996,

5/2019 MIT test (OCD onsite)

Test failed, did not pressure up, established injection very easily.

Last Injection: 9/2018

2019_10: Pending TA

Production Casing

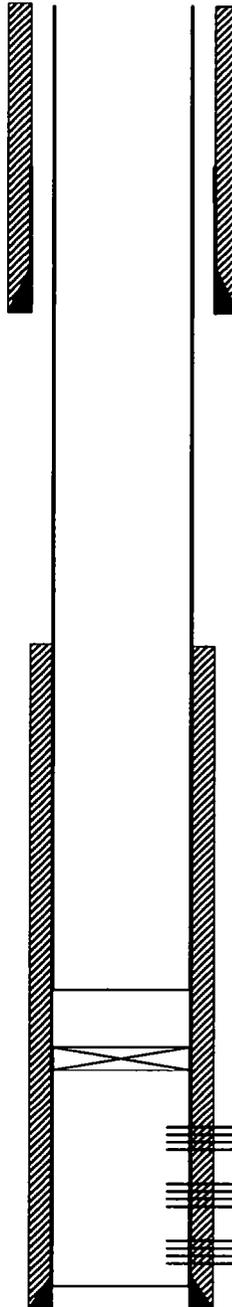
Hole Size: 7-7/8"

5-1/2", 14# @ 3,800' TOC @ 2750' MD per Log

Lead CMT: 650 SX LITE CMT

Tail CMT: 200 SX 50-50 C & POZ.

No CMT to surface, Circulation sporadic during job.



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

CIBP @ 3575' MD w/ 25 Sx cement on top.
 Estimated TOC @ 3334' MD

Grayburg Completion:

Perfs: 3655' - 3700' (1 SPF, 46 holes)
 Acidized w/4000gal 15% NEFE.

Perfs: 3700' - 3710' (1 SPF, 10 holes)
 Acidized w/1000gal 15% NEFE

- Est. tops
- Rustler = 1235'
- Tansill = 2824'
- Yates = 2977'
- 7 Rivers = 3164'
- Queen = 3518'
- G-Burg = 3710'

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		3575 ft
TOC		3334 ft

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

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy _____ 1235 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2977 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3164 _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3518 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3710 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andras _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Tansill _____ 2824 _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 3655 _____ to _____ 3710 _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	_____ feet
No. 2, from _____ to _____	_____ feet
No. 3, from _____ to _____	_____ feet
No. 4, from _____ to _____	_____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1235	2824	1589'	Anhydrite and salt	3710	3790	80'	Dolomite
2824	2977	153'	Sandstone, Dolomite, thin Interbedded Shales				
2977	3164	187'	Sandstone, thin Dolomites, Dolomitic Sands				
3164	3518	354'	Dolomite, Sandstone, Sandy Dolomites,				
3518	3710	192'	Sandstone, Dolomite, Sandy Dolomites, Dolomitic Sands				

RECEIVED
APR 16 1964
O.C.D.
HOBBS OFFICE

MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

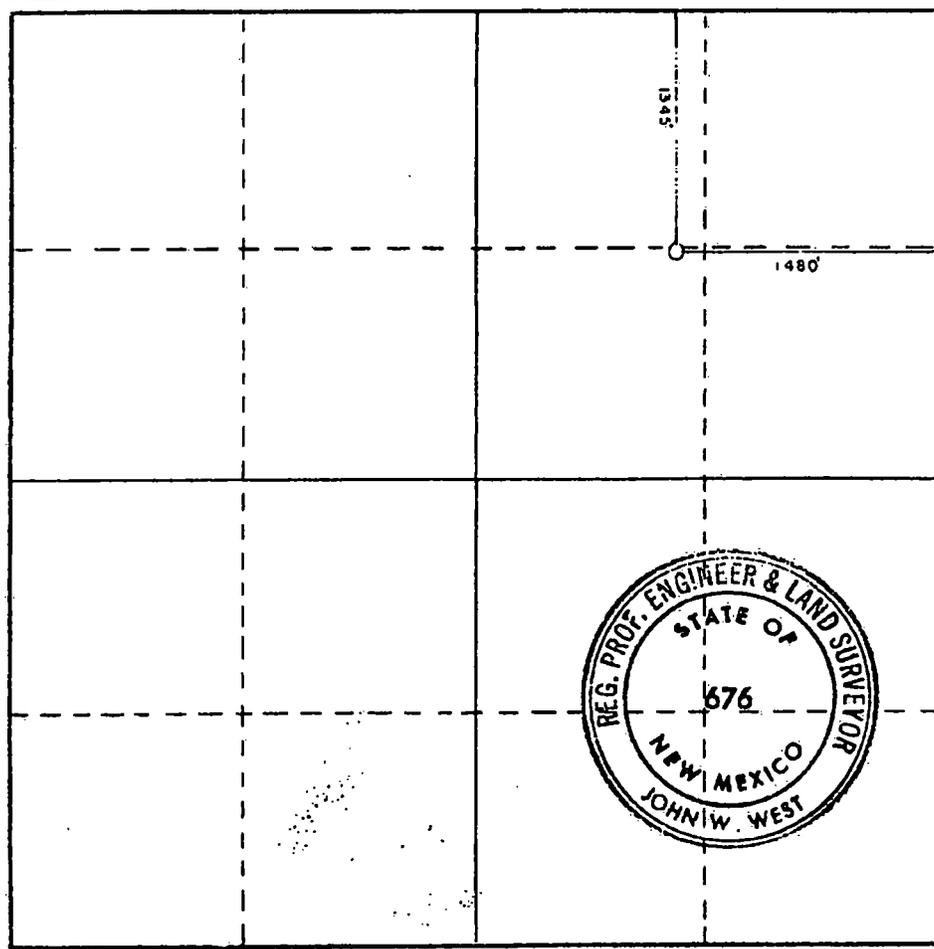
Operator SUN Exploration & Production Co.			Lease STATE "A" A/C-3		Well No. 10
Tract Letter G	Section 10	Township 23 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1345 feet from the North line and 1480 feet from the East line					
Grid and Level Elev. 3462.3	Producing Formation Seven Rivers/Queen		Pool Langlie-Mattix	Dedicated Acreage: None-WIW Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

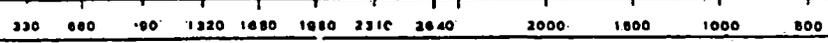
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Maria L. Perez
Name
Maria L. Perez
Position
Sr. Acctng. Asst.
Company
Sun Exploration & Production Co
Date
11/7/83

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
OCTOBER 25, 1983
Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239



INCLINATION REPORT

OPERATOR SUN Exploration & Production Co. ADDRESS P.O. BOX 1861, MIDLAND, TEXAS 79702
 LEASE NAME STATE "A" A/C 3 WELL NO. 10 FIELD Anglie Mattix 7 Rivers Queen Grayburg
 LOCATION LEA COUNTY, NEW MEXICO

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
457	$\frac{1}{8}$	2.0108	2.0108
866	$\frac{1}{8}$	1.7996	3.8104
1360	$\frac{1}{8}$	4.2978	8.1082
1854	$\frac{1}{8}$	4.2978	12.4060
2351	$\frac{3}{4}$	6.5107	18.9167
2847	1	8.6800	27.5967
2909	1	1.0850	28.6817
3407	$1\frac{1}{2}$	13.0476	41.7293
3717	$1\frac{3}{4}$	9.4550	51.1843
3800	$1\frac{3}{4}$	2.5315	53.7158

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Debbie Clark
 TITLE DEBBIE CLARK, OFFICE MANAGER

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBBIE CLARK known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Debbie Clark
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 20TH day of FEBRUARY, 1984

OFFICIAL SEAL
 SIGNATURE *Garlin R. Taylor*
GARLIN R. TAYLOR
 NOTARY PUBLIC - NEW MEXICO
 NOTARY BOND FILED WITH SECRETARY OF STATE
 MY COMMISSION EXPIRES FEBRUARY 6, 1988

Notary Public in and for the County of Lea, State of New Mexico

STATE A A/C 3 #10
Schlum CNL log
2/25/84

3600

3655

IA

3700

I

3710

3784 FR

3787 TD

3800



CCB

Handwritten notes and symbols on the right side of the log, including a circled 'O' and some illegible scribbles.