

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC060548
2. Name of Operator CBS OPERATING CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: JOEL HALE E-Mail: JHALE@BOAZENERGY.COM		7. If Unit or CA/Agreement, Name and/or No. NMMN101360X
3a. Address MIDLAND, TX 79702	3b. Phone No. (include area code) Ph: 432-253-7074	8. Well Name and No. NORTH SQUARE LAKE UNIT 187
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T16S R31E SENW 1330FNL 2490FWL		9. API Well No. 30-015-33102-00-S1
		10. Field and Pool, or Exploratory SQUARE LAKE
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Boaz Energy recompleted this well in the Grayburg and San Andres formations.

Work commenced on 5/18. A dailey workover report and well bore diagram is attached.

Recompletions consisted of perforating, acid treating and fracture treating.

Lovington:

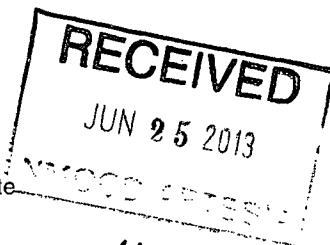
Perforated 3582-3604 with 88 total perforations at 0.42" dia.

Treated with 2887 gallons 15% HCl + 1148bbl Slickwater with 2285# 100mesh + 22484# 20/40 White Sand.

Grayburg:

Depth of CIBP?

*NMOCA: operator of record eff 9-11-12
is Boaz Energy / LRD 6/26/13*



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #210771 verified by the BLM Well Information System
For CBS OPERATING CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 06/20/2013 (13KMS4309SE)

Name (Printed/Typed) JOEL HALE	Title ENGINEER
Signature (Electronic Submission)	Date 06/14/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 06/23/2013
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #210771 that would not fit on the form

32. Additional remarks, continued

Perforated 3351-3354, 59-70, 81-94, 3411-3418, 28-66 with 288 total perforations at 0.42" dia.
Treated with 3067 gallons 15% HCl + 3361bbl Slickwater with 3077# 100mesh + 85301# 20/40 White Sand.

Production After work: 25bbl oil / 8bbl water

Lease :
Well Number:
Well Location:

NORTH SQUARE LAKE UNIT

187

1330' FNL & 2490' FWL UL F

Date: 5/8/2013

County: EDDY

Sec: 33

API #: 30-015-33102

TwN : 16S

Range: 31E

Surface Casing Size: 8-5/8"

Weight: 32# J55

Date Set: 12/11/2003

Depth set : 685'

Sx of Cement : 425

TOC : Surface

Production Casing Size : 5-1/2"

Weight: 17# J55

Date Set: 12/19/2003

Depth set : 3905'

Sx of Cement : 1125

TOC : Est 50'

Perforations :

Above Grayburg: 3310-3330 (shot 04)(20 holes)

Grayburg: 3331-34, 59-70, 81-94, 3411-18, 28-66 (shot '13)(288 holes)

Vacuum Dolo: 3500-3530 (shot 04)(30x holes)

Lovington: 3582-3604 (shot 2 times)(104x holes)

Total # of Holes :

72

Hole Size:

0.4" dia

Initial Stimulation:

A/2000 g 7-1/2% NEFE + 44 ball sealers

Date: 2/25/2004

Date: 7/29/2004

A/500 gal , F/15,000 g paraffin chem stage + 3000 g gel pad

had to abort frac job

Date: 7/30/2004

A/2500 gal, F/62,400 g Silver stim gel + 90,000# sand

Initial Potential :

BOPD: 2

MCFPD: 0

Date: 8/18/2004

BWPD: 241

Method: Pumping

Subsequent Stim:

Lovington Frac -1092gal 15% HCL + 1164bbl slick water

Date: 5/6/13

--- + 2285# 100mesh + 22484# 20/40

Grayburg Frac - 3067gal 15% HCL + 3422bbl slick water

--- + 3077 100mesh + 85301# 20/40

Elevations:

TD 3910'

PBTD 3864'

GL 3972'

KB 7'

Well shut in 2004-2006 pending evaluation. Tied well into battery July, 2006

5/2/13 - reperf Lovington and perf Grayburg

Well Name & # : North Square Lake Unit 187

Job Date	Job Description	Size Tubing	Size Rods	Size Pump	# of Tbg Joints In	# of Rods In	Seating Nipple Depth
11/6/2008	Rods parted on 23rd rod. Fished rods. Replaced parted rod, RIH with rods, good pump action.						
5/19/2008	Rods parted, body break on 17th rod. Fished rods. Replaced rod, RIH with rods, good pump, good pump action.		3/4"			17	
1/7/2008	Rods parted. POH with 22 rods. Fished rods. Replaced rod, RIH with rods and well pumped up.						
5/4/2007	Rods parted, body break on 15th rod. Fished rods. Replaced rod, RIH with rods, hung well on, good pump action.		3/4"			15	
1/10/2007	Rods parted on 3rd rod. Fished rods. POH with pump. Replaced parted rod and one more. RIH with rods and pump, good pump action.		3/4"			153	
11/27/2006	Rods parted on 10th rod. Fished rods. Replaced rod, good pump action.		3/4"			3	
9/15/2006	Rods parted under polish rod on two foot sub. Fished rods and replaced two foot sub. Hung well on, good pump action.		3/4"				
5/4/2006	POH with rods. Tagged with tubing 20' off bottom. POH with tubing, found two holes. Tested tubing to 1500 psi, tested good. POH with tubing, had iron and scale on top of standing valve. RIH with tubing and retrieving tool, circulated 160 bbls around, had 20' of fill. POH with RBP. RIH with tubing, rods and new pump, good pump action.	2-7/8"	3/4"	1-1/2"x16'	120	153	
8/18/2004	POH with rods and pump, tagged CIBP, no fill. POH with tubing. RIH with tubing and	2-7/8"	3/4"	1-1/2"x16'	109	140	3548'

depth?

packer, set packer at 3287'. Pumped 30
bbls. 2% , well did not pressure up. Dropped
standing valve, pressured up to 1000 psi.
POH with packer. RIH with sand line, tagged
fluid. Had 500' of fluid in hole. RIH with tubing.
Could not get on RBP. Kill truck pumped 30
bbls. water down tubing. POH with RBP. RIH
with tubing, rods and pump.

NSLU 187
API 30-015-33102
Eddy Co, NM
Lease #: NMLC060548

4/30/13 – RU on 200. POOH Rods and pump.

5/1/13 – TOOH tubing. RIH bit and scraper to 3680. TOOH bit and scraper.

5/2/13 – MIRU Wireline. Spot 500gal 15% HCL down casing. Perforate Lovington 3582-3604 @ 4SPF w/ 0.42". Pump 20bbl f/w to displace acid.

5/3/13 – Install +Frac Valve + BOP. RIH w/ RBP and packer. Set RBP @ 3250. Could not get test under packer. TOOH tubing. Close Frac Valve. Test casing against valve to 4800psi.

5/4/13 – Instal Seat nipple, RIH tubing testing. Replace bad joint. Set RBP @ 3250. TOOH tubing. Close Frac Valve. Test casing against valve to 4800psi.

5/5/13 – RIH, unlatch RBP, TOOH.

5/6/13 – Frac Lovington w/ 1148bbl slickwater w/ 25000# sand @ 30bpm. Frac Grayburg w/ 3361bbl Slickwater w/ 88375# sand @ 60bpm.

5/7/13 – Leave shut-in

5/8/13 – start bleeding down pressure to frac tank

5/9/13 – RIH, unlatch to plug, TOOH. Bleed pressure off bottom zone.

5/11/13 – Run tubing, rods, pump and place on production to test.