

(August 2007)



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCD Hobbs
APR 28 2010
HOBBSOCD

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.

5. Lease Serial No.
NMLC030133B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
LANGLEY DEEP 1

2. Name of Operator

CHESAPEAKE OPERATING, INC.

Contact: LINDA GOOD

E-Mail: linda.good@chk.com

9. API Well No.
30-025-25699

3a. Address

P.O. BOX 18496
OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)

Ph: 405-935-4275

10. Field and Pool, or Exploratory
LANGLIE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 28 T22S R36E NENW 990FNL 2310FWL

11. County or Parish, and State

LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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 recompleat 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 recompleat 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.)

ATTENTION: DUNCAN WHITLOCK Duncan, can we get a quick approval?

From 11/3/2008 until 12/30/2008 Chesapeake spent \$1,000,000 trying to recover a lost ESP and tubing. At the end of the fishing operation, the top of the tubing is estimated to be at 12,150' and the top of the electric cable is at 11,100'. See Sundry Notice dated 9/24/2008.

Chesapeake, respectfully, requesting that the well be TA'd with a SRP while the wellbore is evaluated for any remaining potential.

CICR

Procedure:

1. ND WH/NU BOP.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

JEFF

SEE ATTACHED E-mail From Finnell

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

Electronic Submission #84753 verified by the BLM Well Information System
For CHESAPEAKE OPERATING, INC., sent to the Hobbs

Name (Printed/Typed) LINDA GOOD

Title SR. REGULATORY COMPLIANCE SPEC

Signature (Electronic Submission)

Date 04/14/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

J.D. Whitlock

Title LIET

Date 4/19/2010

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 CFO

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #84753 that would not fit on the form

32. Additional remarks, continued

- * 2. Rig up wireline co. RIH w/gauge ring and junk basked to 11,075'. Set 7" CIP @ 10,075' and dump 35' of cement on top of the CIP. *CIP 11,075'*
- 3. Pressure test casing to 500 psi with chart recorder.
- 4. ND BOP/NU WH.

Wellbore Schematic Attached.

(CHK PN 891473)

* Squeeze cement Below CIP to perfs & place 105k. on top
As per ATTACHED COA's



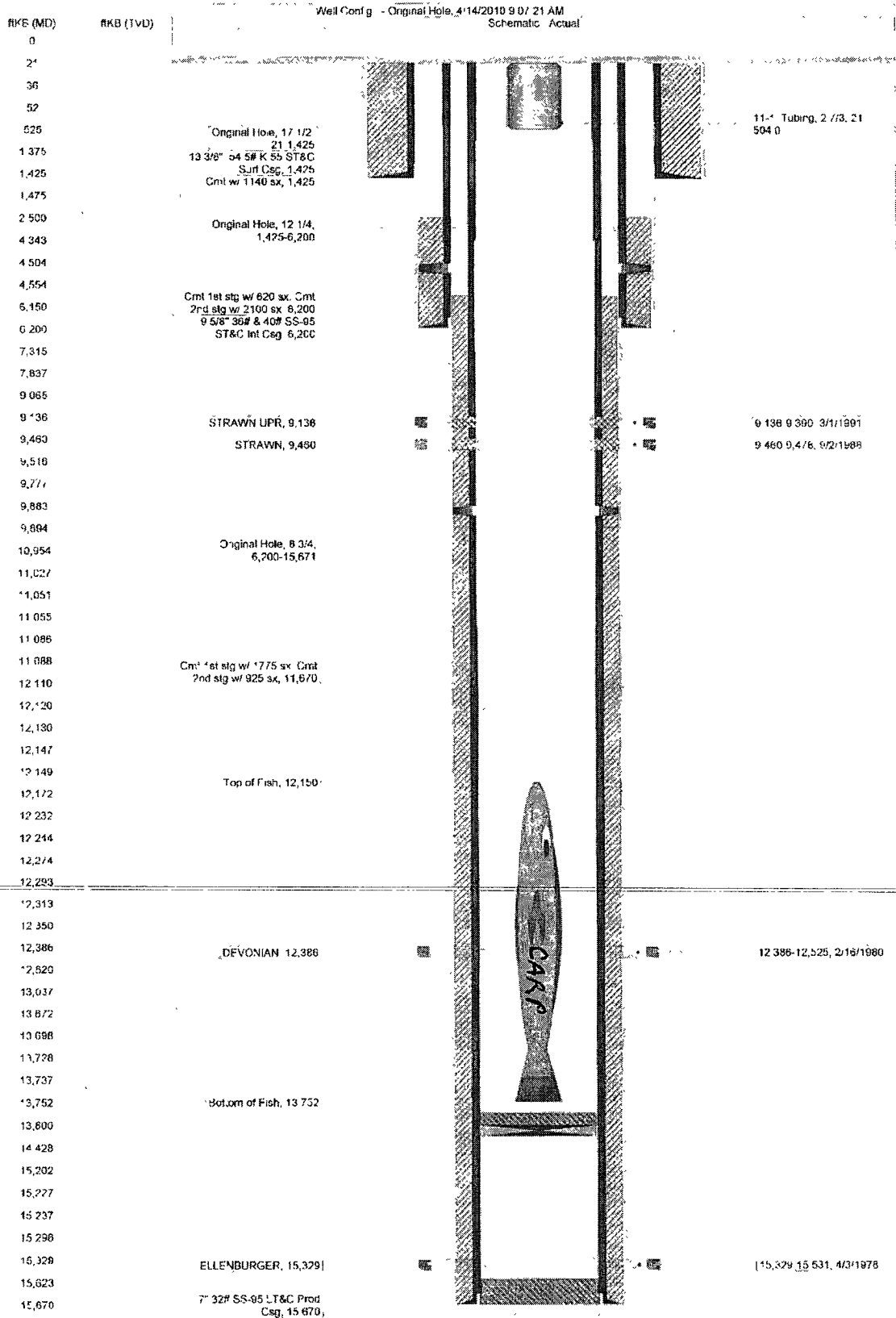
BLM Schematic

LANGLEY DEEP 1

CONFIDENTIAL

Field: Langley (Devonian)
County: LEA
State: NEW MEXICO
Location: SEC 28, 22S-36E, 990 FNL & 2310 FWL
Elevation: GL 3,516.00 KB 3,537.00
KB Height: 21.00

Spud Date: 11/10/1977
Initial Compl. Date:
API #: 3002525699
CHK Property #: 891473
1st Prod Date: 4/1/1978
PBTD: Original Hole - 13765.0
TD: 15,671.0





BLM Schematic

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RKB (MD) RKB (TVD)

0

21

36

52

525

1,375

1,425

1,475

2,500

4,343

4,504

4,554

6,150

6,200

7,315

7,837

9,065

9,136

9,460

9,516

9,777

9,883

9,894

10,854

11,027

11,051

11,052

11,082

11,086

11,088

12,110

12,120

12,130

12,147

12,149

12,172

12,232

12,244

12,274

12,293

2,313

12,350

12,386

12,620

13,037

13,672

13,698

13,728

13,737

13,752

13,800

14,428

15,262

15,227

15,237

15,286

15,329

15,623

15,670

Original Hole, 17 1/2,
21-1 425
13 3/8" 54.5# K-55 ST&C
Surf Csg 1 425
Cml w/ 1140 sx 1 425

Original Hole, 12 1/4,
1,425-6,200

Cml 1st slg w/ 620 sx, Cml
2nd slg w/ 2100 sx, 6,200
9 5/8" 36# & 40# SS-95
ST&C Int Csg, 6,200

STRAWN UPR, 9,136
STRAWN 9,460

Original Hole, 8 3/4,
6,200-15,671

Cml 1st slg w/ 1775 sx Cml
2nd slg w/ 925 sx, 11,670

Top of Fish, 12,150

DEVONIAN, 12,386

Bottom of Fish, 13,752

ELLENBURGER, 15,329

7" 32# SS 95 LT&C Prod
Csg, 15,670

11-1, Tubing, 2 7/8, 21,
504 0

9,136-9,390 3/1/1991
9,460 9,478, 9/2/1988

← CIRC @ 11,075'

12,386 12,525, 2/16/1980

15,329 15,531, 4/3/1978

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Temporary Abandonment of Wells on Federal Lands
Conditions of Approval

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
 - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
 - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leakoff.
 - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
 - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
 - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
3. **Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.**

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval **with well bore diagram** with all perforations and CIBP's and Cement retainers and tops of cement on each.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

Langley Deep Well #1. Well may be approved to be TA/SI for a period of 90 days until July 15, 2010 after successful MIT and subsequent report with well bore diagram is submitted. This will be the last and only TA/SI approval. Well must be P&A or plans to return to beneficial use submitted by July 15, 2010. RIH to 11,075' set 7" cement retainer, squeeze cement below retainer to perms. at 12,386'-12,525', pull out of retainer place 10 sacks cement on top. Pressure test casing as per requirements. Contact BLM to witness placement of retainer, cement and MIT test.



Linda Good
<linda.good@chk.com>
04/21/2010 05:55 AM

To ""Duncan Whitlock (duncan_whitlock@nm.blm.gov)""
<duncan_whitlock@nm.blm.gov>
cc Jeff Finnell <jeff.finnell@chk.com>
bcc
Subject FW: Langley Deep 1 - Plug back procedure

Hi Duncan,

Please see Jeff's email below with the changes you requested for the Sundry Notice dated 4/14/2010.

Thank you,

Linda Good
Sr. Regulatory Compliance Specialist
Southern Division - Permian North
Chesapeake Energy Corporation
Bldg. 11, #451
Office: (405) 935-4275
Fax: (405) 849-4275
E-mail: linda.good@chk.com

From: Jeff Finnell
Sent: Tuesday, April 20, 2010 5:10 PM
To: Linda Good
Subject: Langley Deep 1 - Plug back procedure

Linda,

Please pass this procedure on to the BLM:

1. MIRU workover rig. ND WH/NU BOP.
2. POH w/ 16 jts of tubing left in well for kill string.
3. RIH w/ 7" cement retainer on 2 7/8" tubing. Set retainer at 11,075' just above fish. Shear off of retainer, sting back into it and establish injection rate.
4. RU cement co. Pump 250 sxs cement into retainer to fill up casing from retainer to bottom perf. Pull out of retainer and spot 10 sxs of cement on top of retainer. POH w/ tubing.
5. Run MIT test on well with chart recorder.
6. ND BOP/NU WH. Rig down workover rig. TA well.

Jeff Finnell, P.E.
Sr. Asset Manager
Chesapeake Energy Corporation
New Phone: 405-935-4347
New e-mail: jeff.finnell@chk.com