

OCD-HOBBS

Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007**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 ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMNM 112940
2. Name of Operator CHESAPEAKE OPERATING, INC ATTN: LINDA GOOD		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) 405-767-4275	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SENE, 1980 FNL 660 FEL, SEC 25, T23S, R33E		8. Well Name and No. BRININSTOOL 25 FEDERAL 1
		9. API Well No. 30-025-37582
		10. Field and Pool, or Exploratory Area BELL LAKE
		11. County or Parish, State LEA COUNTY, NM

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

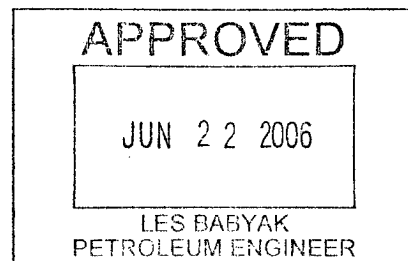
TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☒ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☒ Plug Back	☐ 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Chesapeake, respectfully, request permission to plug back and perforate per the attached workover procedure.

BLM NATIONWIDE BOND #NM2634.

(CHK PN 819660)



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) LINDA GOOD		Title PERMITTING AGENT
Signature <i>Linda Good</i>	Date 06/01/2006	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ 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.	Title _____ Office _____	Date _____
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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.

(Instructions on page 2)

Brininstool 25 Federal #1
Lea County, New Mexico

Strawn and Wolfcamp Completion – May 31, 2006

GENERAL INFORMATION

Location: 1980' FNL & 660' FEL, S25 – T23S - R33E

API No.: 30-025-37582

WELL INFORMATION

<u>String OD</u>	<u>Weight & Grade</u>	<u>Depth</u>	<u>ID</u>	<u>Drift</u>	<u>Burst</u>	<u>TOC</u>
13-3/8"	48# H40 STC	0' – 865'	12.715"	12.559"	1730	0'
9-5/8"	40# J55 LTC	0' - 5127'	8.835"	8.679"	3950	0'
7"	26# P110 LTC	0' - 11908'	6.276"	6.151"	9960	~4500'
4-1/2"	13.5# P110 LTC	0' - 14030'	3.920"	3.795"	12410	~11200'

Morrow "C": 13836 – 42'; Morrow "B": 13738 – 45'; Morrow "A" 13513 – 55'; U. Morrow: 13472 -77'; Atoka: 13268 – 92', 13243 – 47', 13118 – 36', 12998 – 13014', 12791 – 98', 12753 – 82'

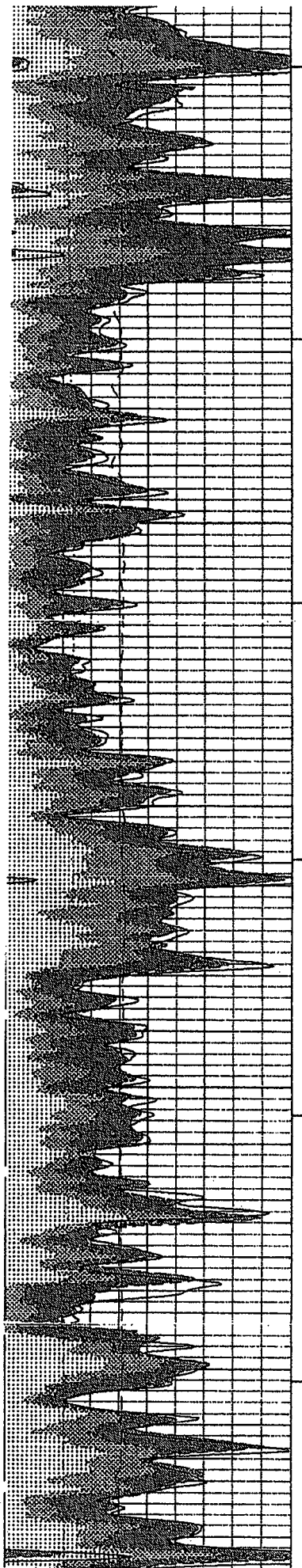
TD/PBTD: 14030' / 12940'

Completion Procedure

1. POOH w/ tbg and packer. RU wireline unit and lubricator. Set a CIBP @ 12703'. Bail 2 sx cement on plug. Load hole with 2% KCL completion fluid and test plug to 2500#.
2. Perforate via cased hole gun the Strawn from 12551 – 64' (27 holes), 2 SPF, .37" hole, 23 gram charge. Perforate the Strawn likewise with 1 SPF from 12407 – 90' (84 holes).
3. RIH with 4-1/2" treating packer and RBP on 2-3/8" tubing. Set RBP ~ 12600'. Test tools to 8000#. Spot 200 gal of 15% NeFe across perfs 12551 – 64'. Pull packer to ~ 12525'. Acidize with an additional 2000 gal of same acid. Displace to perfs with 2% KCL water. Treat at 4 – 5 BPM to break zone down. Max pressure 8,000#. Wait on acid to spend. Bleed off pressure and check for flow.
4. Move and test tools. Isolate 12407 – 90'. Spot 200 gal of same acid. Set packer and treat likewise with 4000 gal of same acid. Launch 100 ball sealers during job. Displace to perfs with 2% KCL. Bleed off pressure and check for flow.
5. POOH with plug and packer. RIH re-dressed packer as follows: Re-entry guide, 4' sub, 'XN' nipple, 10' sub, 'X' nipple, 4' sub, Arrow Set packer, on/off tool w/ 'X' profile nipple. Space out with the EOT at ~12350'. Test annulus to 1000#. Swab zone in.
6. Put well to sales if zones are commercial and turn over to production. If zones are not commercial, set a CIBP at 12357'. Bail 2 sx of cement on plug.
7. Load hole with 2% KCL completion fluid and test plug to 2500#.
8. Perforate via cased hole gun the Wolfcamp from 11998 – 12016' (73 holes), 4 SPF, .37" hole, 23 gram charge.
9. RIH with 4-1/2" packer as follows: Re-entry guide, 4' sub, 'XN' nipple, 10' sub, 'X' nipple, 4' sub, Arrow Set packer, on/off tool w/ 'X' profile nipple. Space out with the EOT at ~12016'. Spot 200 gal 15% NeFe acid across perfs. Pull and set packer ~11950'. Acidize with an additional 2000

gal of same acid. Displace to perfs with 2% KCL water. Launch 100 ball sealers during job. Treat at 4 – 5 BPM to break zone down. Max pressure 8,000#. Wait on acid to spend. Bleed off pressure and check for flow.

10. Swab in to kick off well. Put to sales.



12400

12450

12500

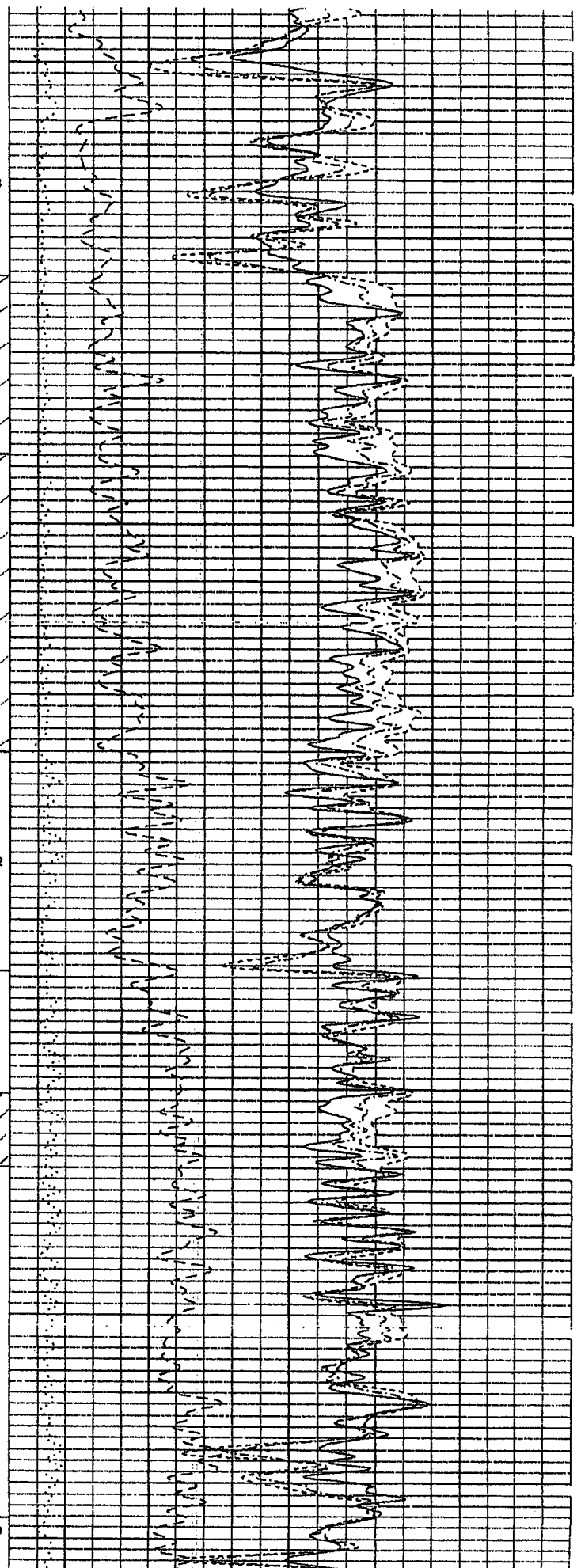
12550

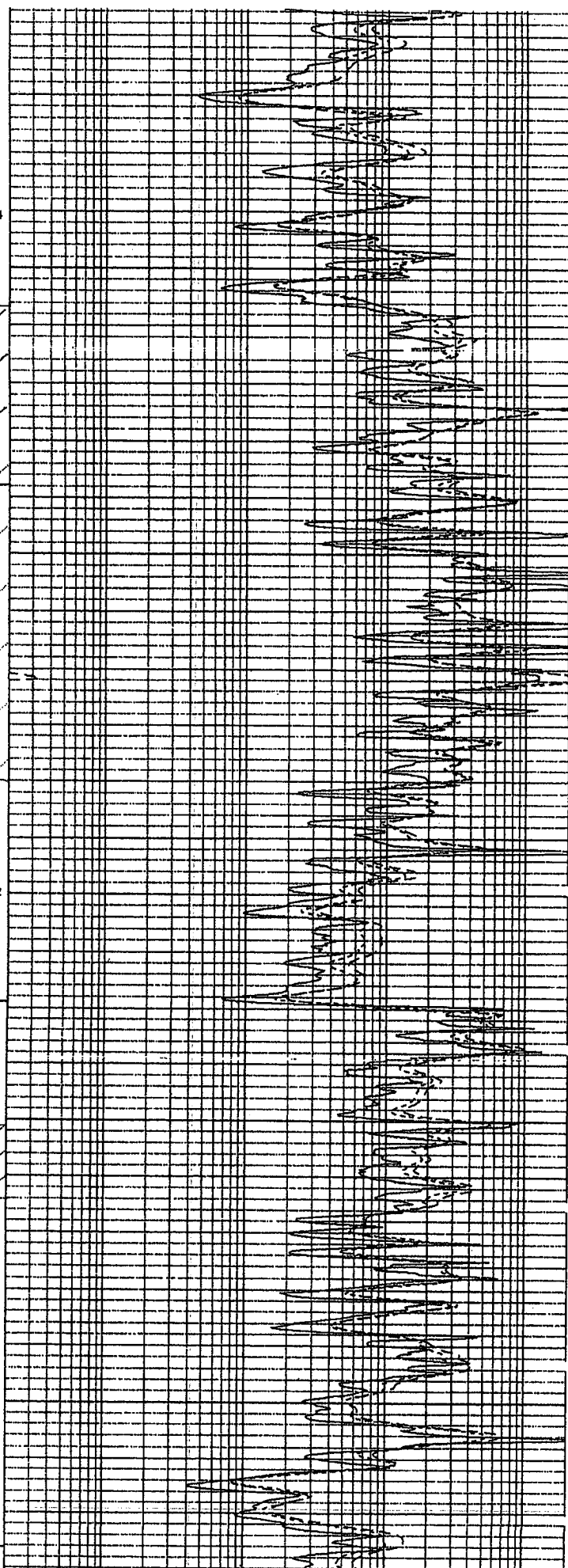
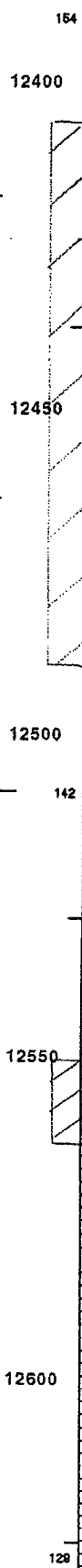
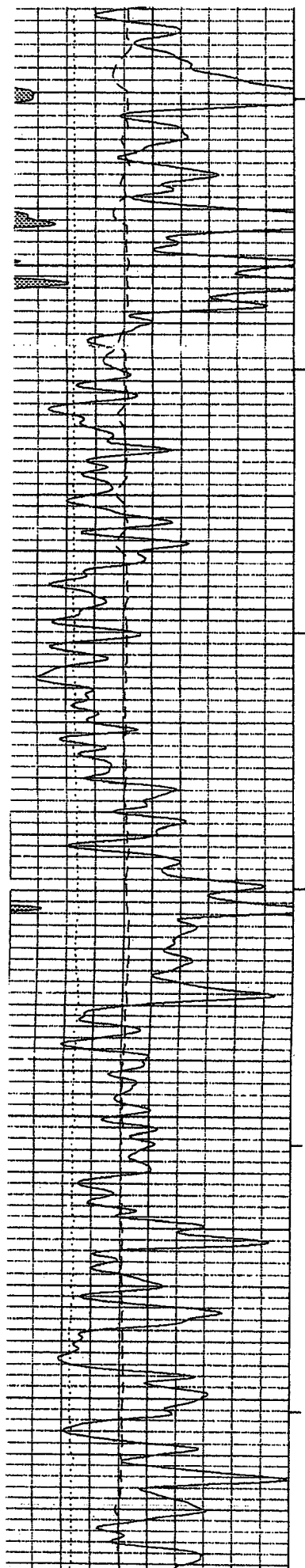
12600

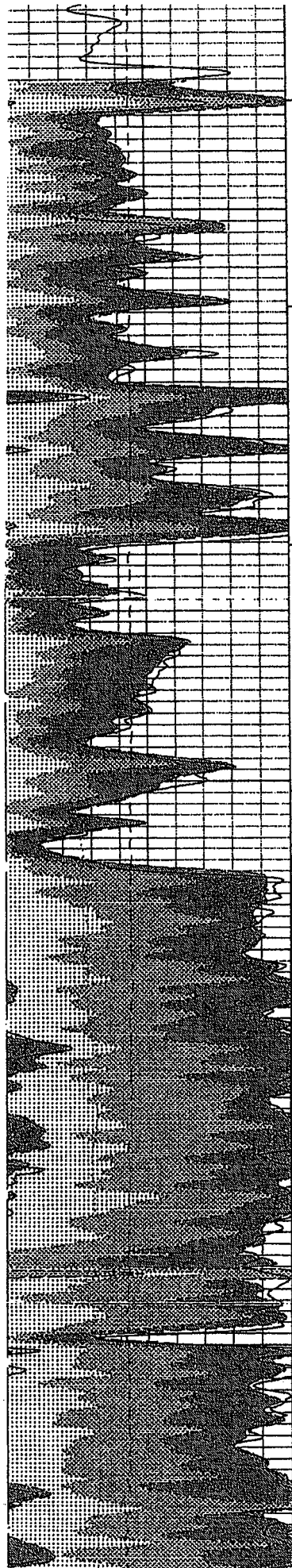
154

142

129







11900
CASING

217

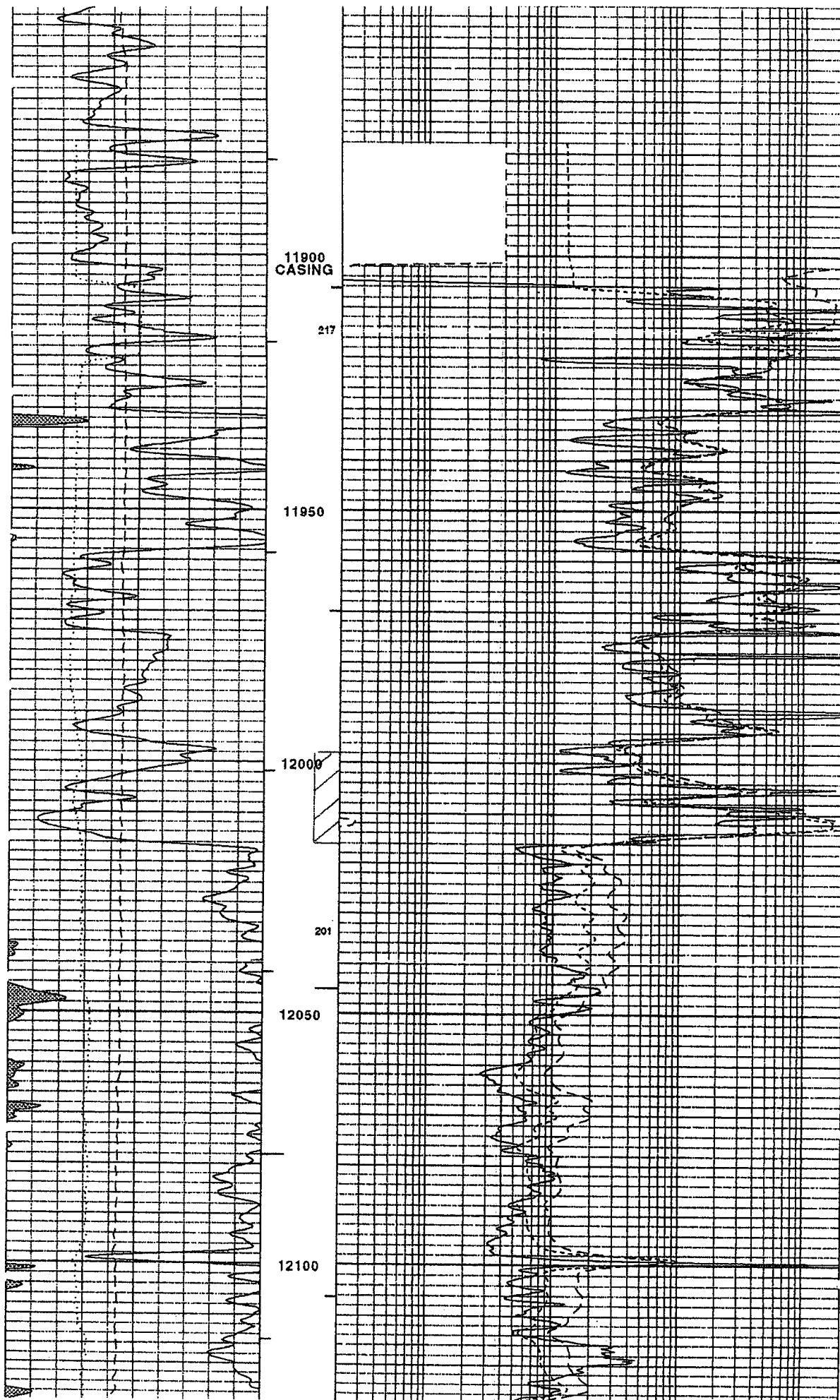
11950

12000

201

12050

12100



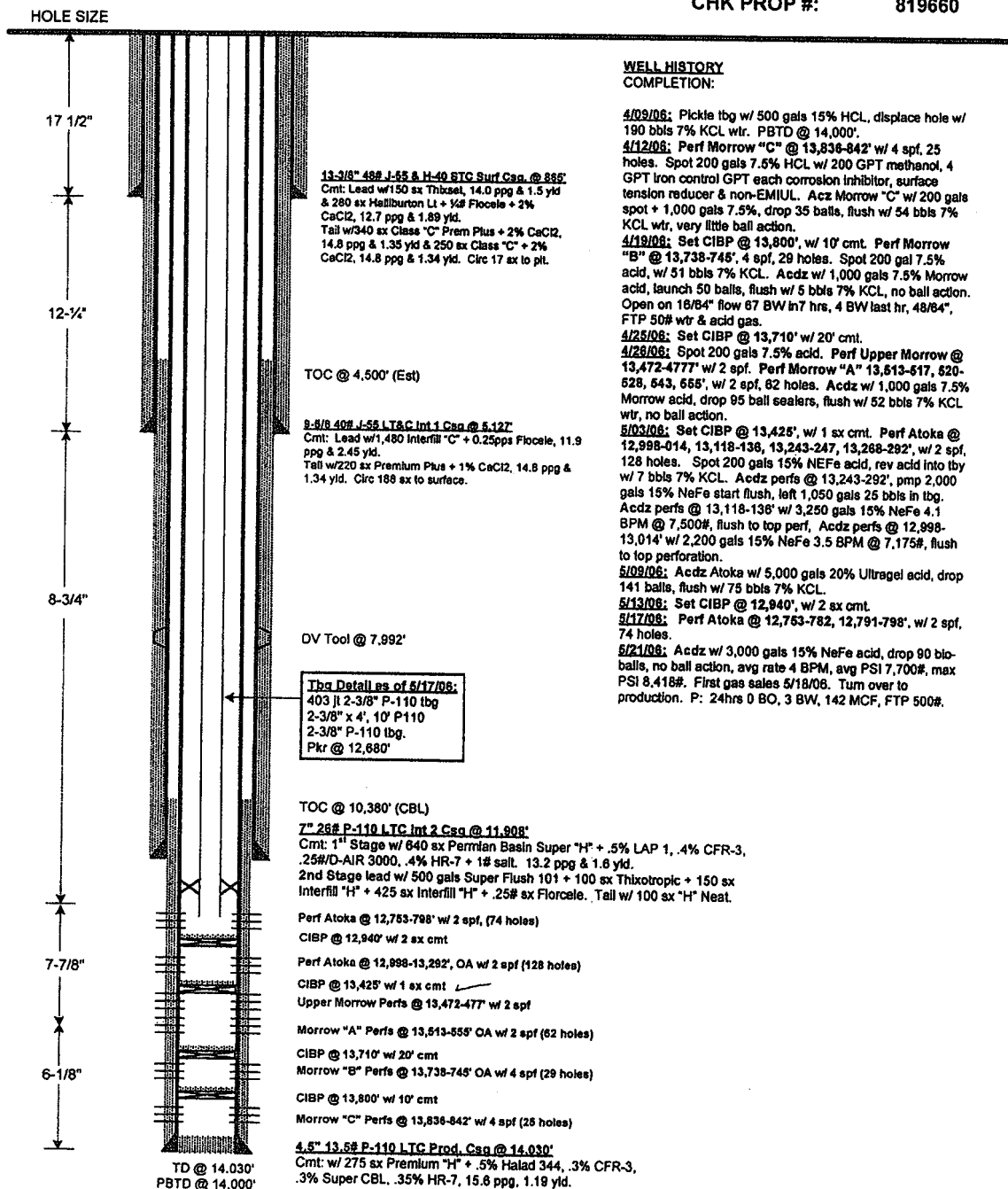
CURRENT WELLBORE SCHEMATIC

CHESAPEAKE OPERATING, INC



WELL : BRININSTOOL 25 FEDERAL #1
 FIELD : BELL LAKE (MORROW) GRAMA RIDGE PROJECT AREA
 COUNTY : LEA STATE : NM
 LOCATION : 1,980' FNL & 660' FEL, SEC. 25-23S-33E
 ELEVATION : GL 3,626' KB 3,652'

API #: 30-025-37582
 SPUD DATE: 1/29/06
 RIG REL. DATE: 3/27/06
 FIRST SALES: 5/18/06
 CHK PROP #: 819660



PREPARED BY: Renee Thomas
 UPDATED BY: _____

DATE: 5/23/06
 DATE: _____ AJM