

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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

RECEIVED

2. Name of Operator

Chesapeake Operating Inc.

DEC 16 2005

3a. Address

P. O. Box 11050 Midland TX 79702-8050

3b. Phone No.

(432)687-2992

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

660' FNL 1980' FEL, Sec. 11, T24S, R31E

5. Lease Serial No.

NM29234

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Littlefield Federal SWD 1

9. API Well No.

30-015-10259

10. Field and Pool, or Exploratory Area

Delaware

11. County or Parish, State

Eddy

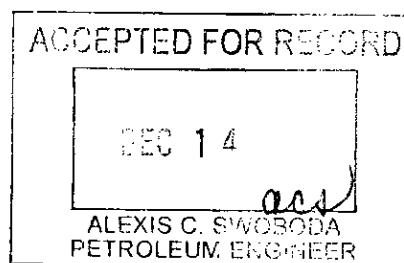
New Mexico

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 checked="" 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 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 recomple horizontally, give subsurface locations 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 recomple 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.)

Chesapeake repaired the casing leak on this well, per the attached daily reports. Attached is the original chart for the mechanical integrity test which tested @ 500 psi for 30 mins. Well is now taking produced water.



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

Name (Printed/Typed)

Brenda Coffman

Title

Regulatory Analyst

Signature

Date

12/05/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

Title 18 U.S.C. Section 1001, makes 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 reverse)

10/29/05

1:45 pm - Mob. Field

Rep. Clary 505-621-4864
to shut well in.

CHESAPEAKE OPERATING, INC.

P. O. Box 18496
OKLAHOMA CITY, OKLAHOMA 73154-0496
405/848-8000
405/879-9573 FAX

Page 1 of 4

Operated Daily Activity Report

Status: **WORKOVER**

LITTLEFIELD FEDERAL SWD 1				NW/4 NE/4 1-24S-31E	New Mexico West
Well #	890467	AFE: 400528	EDDY, NM	Wl: 100.000000	BELL CANYON 6,500'
Date	Day	Footage Depth	Cost Cum Cost	NRI: 0.000000 Present Operation	
10/27/05		0' 6,500'	\$1,900.00 \$1,900.00	Csg leaking to surface piping MIRU truck to run MIT, pressure csg to 150#, csg leaking to surface piping, Jerry Guye w/ OCD present advised to SI until csg leak was repaired, well disposes 1,800 - 2,100 BPV, MI workover to make repairs, need to advise OCD of work starting. Repair Casing Leak	
10/28/05		0' 6,500'	\$15,784.00 \$17,684.00	Tally tbg, bleed down to frac tank and battery SiTP 450#, MIRU Mesa WS, MIRU surface equipment, receive and unload 160 jts 4.7# 2 3/8" N-80 work string, remove thread protectors, tally tbg, bleed down to frac tank and battery, rec 100 BPH, SD.	
10/29/05		0' 6,500'	\$25,326.00 \$43,010.00	24 hrs, 0 BO, 1,940 BW, 0 MCFG Well flowing back to battery @ 81 BPH, MI frac tank, 300 bbls 13# calcium carbonate based mud delivered, left well open, SiTP 350#, 24 hrs, 1,940 BW, SFDN.	
10/30/05		0' 6,500'	\$16,280.00 \$59,290.00	LD pkr Flowing back to battery 14 hrs, 1,009 BW, tie onto tbg, pump 110 bbls 13# mud down tbg to kill well, ND wellhead, NU BOP, release on/off tool, circ mud to surface, latch onto pkr, release pkr, POOH w/ 143 jts 2 3/8" Salta lined tbg, on/off tool and 4 1/2" Arrow Set pkr, RU Gray WL, RIH, set 4 1/2" CP @ 4,500', POOH, RD Gray WL, PU RIH w/ 4 1/2" CST pkr and tbg, set pkr @ 1,039', held pressure, POOH, hunting csg leak, squeeze perforations @ 1,000' - 1,004', taking fluid @ 2.5 BPM @ 800#, POOH to 10' from surface and csg, still leaking out surface pipe, LD pkr, SDFN.	
10/31/05		0' 6,500'	\$0.00 \$59,290.00	SD 24 hrs, no activity	
11/01/05		0' 6,500'	\$8,339.00 \$67,629.00	RIH w/ 3 7/8" bit, 4 1/2" scraper and tbg to 4,490', POOH SICP 0#, RIH w/ 3 7/8" bit and tbg to 4,490', POOH, PU scraper, RIH w/ 3 7/8" bit, 4 1/2" scraper and tbg to 4,490', POOH, SDFN.	
11/02/05		0' 6,500'	\$14,663.00 \$82,292.00	RIH w/ Ultra Sonic Imaging tool, log 4,500' to surface csg SICP 0#, RU Schlumberger WL, open, RIH w/ Ultra Sonic Imaging tool, log 4,500' to surface csg, csg in good shape up to 4' from surface and then looked bad, found TOC @ 335', hole in 4 1/2" csg @ 4' from surface, surface csg leaking, dug down 1.5' in cellar, cellar was cemented up, RD Schlumberger WL.	
11/03/05		0' 6,500'	\$6,605.00 \$88,897.00	Set cmt retainer @ 813', pump into w/ 2 BPM @ 700# for 20 bbls SICP 0#, RIH w/ 4 1/2" cmt retainer and 28 jts 2 3/8" tbg, retainer would not set @ 876' or 844', set cmt retainer @ 813', pump into w/ 2 BPM @ 700# for 20 bbls, SDFN.	
11/04/05		0' 6,500'	\$14,285.00 \$103,182.00	POOH w/ 26 jts 2 3/8" tbg SiTP 0#, MIRU BJ Services, establish rate of 2 BPM @ 700#, pump 150 sx Class "H" cmt w/ additives @ 1 BPM - 400#, mix @ 15.6 ppg w/ 1.18 yield, stage displacement @ .25 BPM in 6 stages, total of 2.75 bbls, final squeeze pressure 710#, underdisplace .25 bbl, sting out of retainer, POOH w/ 26 jts 2 3/8" tbg, RDMO BJ Services, receive 5 jts 4 1/2" 11.6# J-55 LTC csg.	
11/05/05		0' 6,500'	\$10,720.00 \$113,902.00	Weld plates on top of 8 5/8" and 4 1/2" csg SICP 0#, fill 4 1/2" csg w/ PW, ND BOP, ND wellhead, PU 4 1/2" spear w/ 6' extension and 2 7/8" x 4' P-110 sub, catch 4 1/2" csg, pull to 75,000#, would not come off slips (csg wt 61,000#), hammer wellhead w/ 11 wraps of primer cord pulling 75,000#, no movement in csg, cut out slips in wellhead, pull 75,000#, no movement vertical or horizontal, found a solid base in 8 5/8" csg. 50" down around 4 1/2" csg, weld plates on top of 8 5/8" and 4 1/2" csg, SD.	
11/06/05		0'	\$9,055.00	RIH w/ tbg out of derrick	

12/05/05 2:34:27PM

THE INFORMATION IN THIS REPORT IS PROPRIETARY, CONFIDENTIAL AND NOT FOR PUBLIC DISSEMINATION.

THIS INFORMATION MAY NOT BE SHARED WITH UNAUTHORIZED PERSONS WITHOUT THE WRITTEN CONSENT OF CHESAPEAKE.

CHESAPEAKE OPERATING, INC.

P. O. Box 18496
OKLAHOMA CITY, OKLAHOMA 73154-0496
405/848-8000
405/879-9573 FAX

Page 2 of 4

Operated Daily Activity Report

Status: WORKOVER

LITTLEFIELD FEDERAL SWD 1				NW/4 NE/4 1-24S-31E		New Mexico West	
Well #: 890467 AFE: 400528				EDDY, NM		BELL CANYON 6,500'	
Footage Cost				WI: 100.000000 NRI: 0.000000			
Date	Day	Depth	Cum Cost	Present Operation			
		6,500'	\$122,957.00	SICP 0#, dig out on one side of wellhead 5' deep, break out 18" piece of concrete in cellar, sides caved in too much to dig out, back fill hole, NU wellhead, NU BOP, RIH w/ tbg out of derrick, LD 2 3/8" workover string and 2 3/8" Salt-lined tbg, SDFN.			
11/07/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$122,957.00				
11/08/05		0'	\$15,212.00	Replace w/ new 6' piece 4 1/2" 11.6# and 6' piece 8 5/8" 24#			
		6,500'	\$138,169.00	ND BOP, cap 4 1/2", RD PU, move equipment around, dig out around 8 5/8" csg, 10' deep (5' hole in 8 5/8", 2' below bradenhead and 4 1/2" csg had 2" hole), found good csg 6' down, cut off 8 5/8" and 4 1/2" csg, replace w/ new 6' piece 4 1/2" 11.6# and 6' piece 8 5/8" 24#, weld on new 8 5/8" bradenhead, set 4 1/2" in slips, cap and SIW, back fill hole w/ dirt and caliche, level, set rig mats, RU PU, NU BOP, SDFN.			
11/09/05		0'	\$9,650.00	Drill on cmt retainer, circ clean, pull 1 jt			
		6,500'	\$147,819.00	Load csg, test to 500#, OK, PU RIH w/ 3 7/8" bit, 10 - 3 1/8" DCs and work string, tag cmt @ 797', PU power swivel, break circ, drill cmt down to 813', tag cmt retainer, drill on cmt retainer, drill up rubber and slips, circ clean, pull 1 jt, SDFN.			
11/10/05		0'	\$8,592.00	Drill retainer out, drill cmt to 933', circ clean, pull 1 jt			
		6,500'	\$156,411.00	SICP 0#, open, break circ, continue to drill cmt retainer @ 813', drill 6", quit drlg, POOH w/ tbg and DCs, change bit, RIH, tag retainer @ 813', drill retainer out, drill cmt to 933', circ clean, pull 1 jt, SDFN.			
11/11/05		0'	\$8,617.00	POOH			
		6,500'	\$165,028.00	SICP 0#, break circ, tag @ 933', drill cmt down to 985', fell out of cmt, circ clean, shut pipe rams, test to 500#, lost 160# in 30 min, POOH w/ tbg, DCs and bit, PU RIH w/ pkr and tbg, set pkr @ 1,084', pressure up, test plug to 1000#, OK, pull pkr, set @ 897', pump on squeeze perforations, establish rate of 3.7 BPM @ 1000#, release pkr, POOH, SDFN.			
11/12/05		0'	\$9,660.00	Establish rate w/ 3.5 BPM @ 1000#, prep location to squeeze			
		6,500'	\$174,688.00	SICP 0#, open, RIH w/ cmt retainer and tbg, circ through retainer, set retainer @ 852', test tbg to 1000#, OK, load, test annulus to 500#, OK, sting out of retainer, sting back into retainer, establish rate w/ 3.5 BPM @ 1000#, prep location to squeeze, SDFN.			
11/13/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$174,688.00				
11/14/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$174,688.00				
11/15/05		0'	\$17,165.00	POOH w/ tbg			
		6,500'	\$191,853.00	SICP 0#, RU Rising Star cementers, pressure annulus to 500#, tie onto tbg, pump 200 sx Class "C" w/ 1% calcium chloride w/ 47 BFW @ 2 BPM @ 900#, wash up, displace 2 bbls @ 1 BPM, SD 15 min, pump 1 bbl @ .25 BPM @ 1000#, left 600# on squeeze, sting out of retainer, reverse out, POOH w/ tbg, RD Rising Star cementers, SDFN.			
11/16/05		0'	\$8,309.00	Circ clean, pull 1 jt			
		6,500'	\$200,162.00	SICP 0#, open, RIH w/ 3 7/8" bit, 10 - 3 1/8" DCs and tbg, tag cmt retainer @ 852', PU power swivel, break circ, drill up rubber, slips and part of nose cone, bit worn out, POOH, change bit, RIH, drill nose cone, push it 5' to 857', circ clean, pull 1 jt, SDFN.			
11/17/05		0'	\$8,167.00	POOH w/ tbg, DCs and bit			
		6,500'	\$208,329.00	SICP 0#, tag cmt retainer @ 857', drill down to 1,016', fell out of cmt, close rams, test squeeze to 500#, lost 150# in 15 min, pull up to 897', close rams, pump into perforations @ 3.25 BPM @ 1000#, POOH w/ tbg, DCs and bit, bit had cone missing, SDFN.			

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Page 3 of 4

Operated Daily Activity Report

Status: **WORKOVER**

LITTLEFIELD FEDERAL SWD 1				NW/4 NE/4 1-24S-31E		New Mexico West	
Well #:	890467	AFE: 400528		EDDY, NM		BELL CANYON 6,500'	
		Footage	Cost	Wt: 100.000000	NRI: 0.000000		
Date	Day	Depth	Cum Cost	Present Operation			
11/18/05		0'	\$10,442.00	POOH w/ tbg and pkr			
		6,500'	\$218,771.00	SICP 0#, open, RIH w/ pkr and tbg, tag up @ 1,039', POOH, PU bit, 2 DCs and tbg, tag up @ 1,039', attempt to work through spot, no success, POOH, PU 3 13/16" cone buster mill, 10 - 3 1/8" DCs and tbg, RIH, tag @ 1,039', mill to 1,064', fell free, PU tbg, RIH to 3,695', POOH w/ tbg, DCs and mill, PU RIH w/ pkr and tbg to 4,450', test plug to 500#, OK, POOH, test csg, found leak in csg 884' - 947', POOH w/ tbg and pkr, SDFN.			
11/19/05		0'	\$19,151.00	Pump 4 bbls 10 min apart, squeeze off @ 840#, RD Schlumberger			
		6,500'	\$237,922.00	SICP 0#, ND BOP, ND Larkin head, RU Schlumberger, NU cmt head, tie onto csg, pump 300 sx Class "C" w/ 2% calcium chloride w/ 72 BFW @ 14.8 ppg @ 580# @ 2 BPM, drop plug, displace w/ 8 bbls @ 1 BPM @ 500#, SD 15 min, pump 1 bbl @ .25 BPM, wait 10 min, pump 4 bbls 10 min apart, squeeze off @ 840#, RD Schlumberger, left SI.			
11/20/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$237,922.00				
11/21/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$237,922.00				
11/22/05		0'	\$10,589.00	POOH w/ tbg, DCs and bit			
		6,500'	\$248,491.00	SICP 0#, ND cmt head, NU Larkin head, NU BOP, RIH w/ 3 7/8" bit, 10 - 3 1/8" DCs and tbg, tag cmt @ 640', RU power swivel, break circ, drill cmt to 680', tag plug, drill plug and cmt, fell out @ 968', RIH to 1,065', circ clean, test csg to 500#, lost 150# in 15 min, POOH w/ tbg, DCs and bit, SDFN.			
11/23/05		0'	\$9,192.00	POOH w/ 30 jts tbg			
		6,500'	\$257,683.00	SICP 0#, open, RIH w/ 3 13/16" cone buster mill, 10 - 3 1/8" DCs and tbg, tag CP @ 4,500', RU power swivel, break circ, displace w/ 13# mud, drill plug out, went on vacuum, RIH w/ tbg, tag up @ 5,481', pump 90 bbls mud down tbg, never caught circ, POOH w/ 30 jts tbg, SDFN.			
11/24/05		0'	\$8,251.00	POOH w/ 32 jts tbg			
		6,500'	\$265,934.00	SITP 0#, SICP 0#, POOH w/ tbg, DCs and mill, RIH w/ 3 7/8" bit, DCs and tbg, tag @ 5,481', pull 1 jt, RU power swivel, pump 500 bbls lease water while rotating, never break circ, kick pump out, 500# on tbg, bleed pressure off, 2 BPM flow, RD swivel, POOH w/ 32 jts tbg, SDFN.			
11/25/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$265,934.00				
11/26/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$265,934.00				
11/27/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$265,934.00				
11/28/05		0'	\$0.00	SD 24 hrs, no activity			
		6,500'	\$265,934.00				
11/29/05		0'	\$18,737.00	Clean out to PBTD @ 6,500', circ clean, POOH w/ 32 jts tbg			
		6,500'	\$284,671.00	SITP 0#, SICP 0#, open, POOH to 2,000', break circ w/ lease water, displace mud out of csg, RIH, displace @ 3,300' and 4,500', tag fill @ 5,481', RU power swivel, break circ, clean out to PBTD @ 6,500', circ clean, POOH w/ 32 jts tbg, SDFN.			
11/30/05		0'	\$13,600.00	Set 4 1/2" Arrowset pkr @ 4,500', release on/off tool			
		6,500'	\$298,271.00	SITP 300#, SICP 300#, open, RIH to PBTD @ 6,500', POOH, LD 2 3/8" work string, DCs and bit, PU RIH w/ 4 1/2" injection pkr w/ pump out plug, on/off tool w/ 1 1/2" "F" profile @ 4,998' and 143 jts 2 3/8" Salta lined tbg, set 4 1/2" Arrowset pkr @ 4,500', release on/off tool, SDFN.			

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Page 4 of 4

Operated Daily Activity Report**Status: WORKOVER****LITTLEFIELD FEDERAL SWD 1**

Well #: 890467 AFE: 400528

NW/4 NE/4 1-24S-31E

EDDY, NM

New Mexico West

BELL CANYON 6,500'

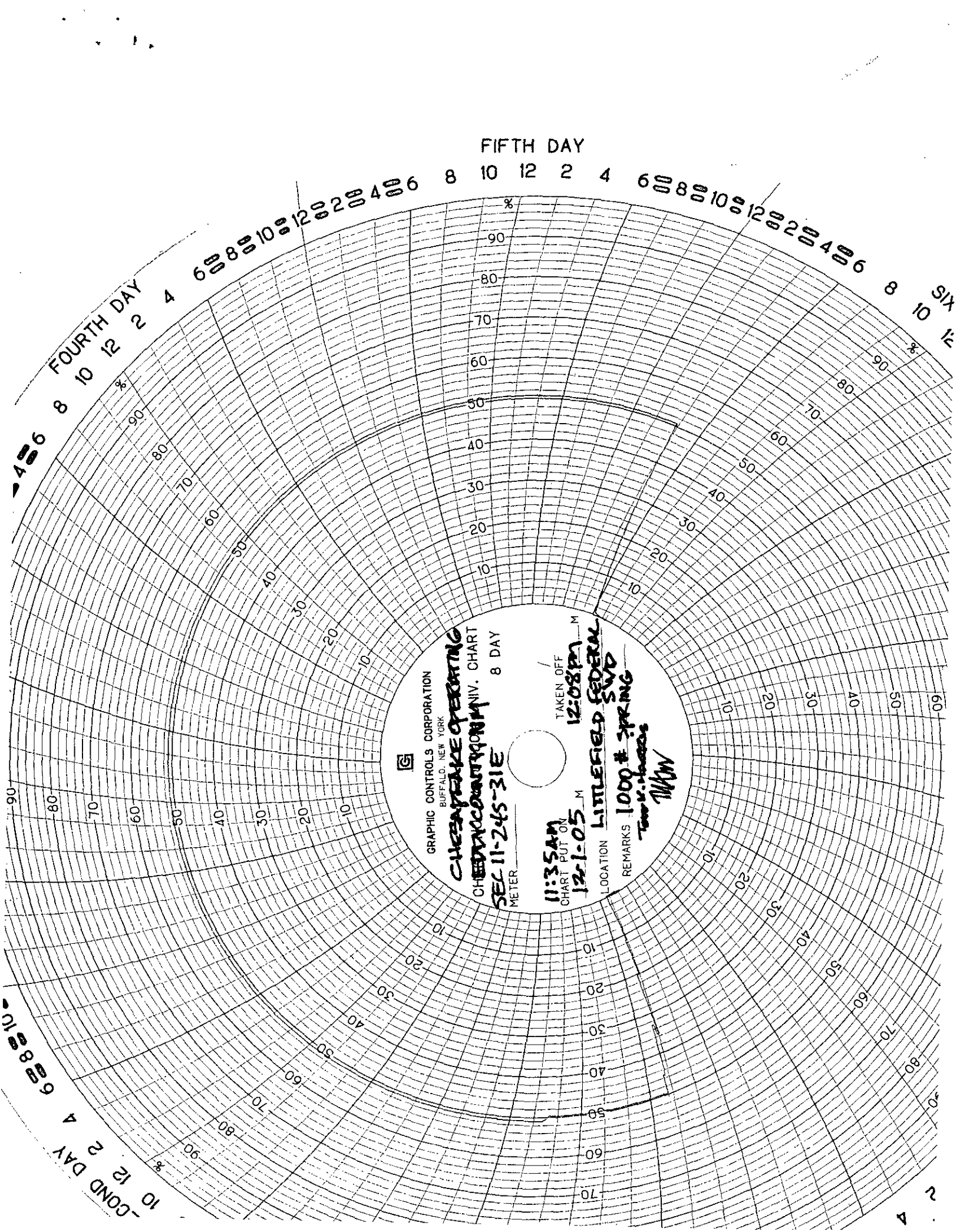
Date	Day	Footage Depth	Cost Cum Cost	Wt: 100.000000 Present Operation	NRI: 0.000000
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12/01/05		0'	\$19,685.00	Left 500# on annulus w/ N2	
		6,500'	\$317,956.00	SITP 0#, SICP 0#, open, displace annulus w/ pkr fluid, RU 300#, pump 10 bbls seal maker, latch onto pkr, pressure annulus to 300#, held, bleed pressure off, ND BOP, NU wellhead, pressure annulus to 500#, OK, left 500# on annulus w/ N2, SDFN.	
12/02/05		0'	\$7,776.00	Pump out plug @ pkr, left SI	
		6,500'	\$325,732.00	SITP 0#, RU chart, test csg, run chart 30 min @ 500#, lost 5# in 30 min, pump out plug @ pkr, left SI.	
12/03/05		0'	\$18,757.00	Flow back 150 BW, RTP	
		6,500'	\$344,489.00	SITP 660#, RU Cudd Pumping Service, tie onto tbq, pump 5,000 gals 15% NE-Fe @ 3 BPM, 1400#, flush w/ 30 BLW, ISIP 440#, 5 min 448#, 10 min 444#, 15 min 442#, RD Cudd, SI 1 hr, open and flow back 150 BW, start disposal, no leaks, RTP, RDMO.	
12/04/05		0'	\$0.00	24 hrs, 0 BO< 2,077 BW, 0 MCFG, TP 800#, CP 0#	
		6,500'	\$344,489.00		
12/05/05		0'	\$0.00	24 hrs, 0 BO, 1,085 BW, 0 MCFG, TP 800#, CP 0#	
		6,500'	\$344,489.00		

12/05/05 2:34:27PM

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FIFTH DAY

FOURTH DAY

SIX



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHESTER PEAK OPERATING
CHESTER COUNTY CIV. CHART

SEC 11-245-31E

METER

11:35 AM
CHART PUT ON

12:1-05 M

TAKEN OFF

12:08 PM

LOCATION LITTLEFIELD FEDERAL

REMARKS 1000 # SPRING

SWD

MMW