## Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

API No.: 35009217980001 **Completion Report** Spud Date: February 15, 2011

OTC Prod. Unit No.: 009-205557 Drilling Finished Date: April 11, 2011

1st Prod Date: June 09, 2011

Completion Date: June 08, 2011

Drill Type: **HORIZONTAL HOLE** 

Min Gas Allowable: Yes

Well Name: KAY MARTIN 1-22H Purchaser/Measurer: CHESAPEAKE OPERATING

First Sales Date: 06/09/2011

Location: BECKHAM 22 11N 23W

N2 N2 NE NE

240 FNL 660 FEL of 1/4 SEC

Derrick Elevation: 2106 Ground Elevation: 2076

Operator: CHESAPEAKE OPERATING INC 17441

P.O. Box 18496

6100 N WESTERN AVE

OKLAHOMA CITY, OK 73154-0496

Completion Type					
Х	Single Zone				
	Multiple Zone				
	Commingled				

Location Exception	
Order No	
587700	

Increased Density
Order No
There are no Increased Density records to display.

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	40	J-55	1528		620	SURFACE
INTERMEDIATE	7	29	P-110	10901		475	4051

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.5	HCP-110	5648	0	670	10670	16318

Total Depth: 16318

Packer				
Depth Brand & Type				
There are no Packer records to display.				

Plug					
Depth Plug Type					
There are no Plug records to display.					

October 19, 2011 1 of 2

	Initial Test Data									
Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
Sep 21, 2011	HOGSHOOTER	109	51	1937	17771	8	FLOWING	988	38/64	347

#### **Completion and Test Data by Producing Formation**

Formation Name: HOGSHOOTER

Code: 405HGSR

Class: GAS

Spacing Orders					
Order No	Unit Size				
195051	640				

Perforated Intervals					
From To					
11570	16241				

**Acid Volumes** 

There are no Acid Volume records to display.

65,919 BSW + LINEAR GEL + 3,089,160 POUNDS SAND

Formation	Тор
COUNCIL GROVE	5368
BASE HEEBNER	9309
TONKAWA	10017
MISSOURIAN	10642
COTTAGE GROVE	10779
HOGSHOOTER	11377

Were open hole logs run? Yes Date last log run: February 25, 2011

Were unusual drilling circumstances encountered? No Explanation:

#### Other Remarks

There are no Other Remarks.

### Lateral Holes

Sec: 22 TWP: 11N RGE: 23W County: BECKHAM

SW SE SE SE

237 FSL 656 FEL of 1/4 SEC

Depth of Deviation: 11110 Radius of Turn: 255 Direction: 181 Total Length: 4941

Measured Total Depth: 16318 True Vertical Depth: 11365 End Pt. Location From Release, Unit or Property Line: 237

## FOR COMMISSION USE ONLY

1112239

Status: Accepted

October 19, 2011 2 of 2

CORP_21769   NOTE   NOTE   CORP_205577   NOTE   COMPLETION REPORT   COMPLETION REPOR	ANI	OI	, INIX ONII 1						///.			\	77 Fram 1002A
Comparison   Com	NO. 009-21798		CINK ONLY						ON	](2)	DIG.		Nall
STATE COME   STA	OTC PROD.		ecompletio	nor AS	5	UB	MI	TTEL			OCT 1	L <b>0</b> 201	1
PRINCE   P	AMENDED					///// co	MPLETIO	//////////////////////////////////////		OKL			rati <b>on</b>
SERVICE VELL   DRAY   PRODUCTION	A CONTRACTOR OF THE PROPERTY O		1		SPUD DAT	E	2/15	5/2011					
COMMANDE   CONTINUED   CONTI		DIRECTIONAL HOLE X	_HORIZON	ITAL HOLE	DRLG FINI	ISHED			1		640 A	cres	
MORE	ME TOWN NEW TOWN AND A STORY OF THE STORY OF	SECTION OF THE PROPERTY OF THE				MFI I			l L	_			
MANUAL   MARTIN   ME   14 NE 14 NE 14 NE 14   240   116 SEC   660   66	DOOM	am SEC 22 TWP		RGE 23W	COMPLET	ION	6/8	72011	-				<u> </u>
NZ 116 NZ 140 NE 116	NAME		NO	1-22H	1ST PROD	DATE	6/9	/2011					
ORDERS   P.O. BOX 18496   P.O. BOX 184	N2 1/4 N2 1/4 NE	1/4 NE 1/4 240 Latitude (if k	1/4 SEC	660		DATE			w				E
Comparison	OPERATOR				(if Known)				-				
CASING A CEMENT (From 1902)   CASI	NAME CHESAI	PEAKE OPERATING,	INC.	01	C/OCC OPI	ERATOR	NO.	17441	L				
CASING & CEMENT (From 1902C must be attached)	ADDRESS P.O. BO	X 18496				3							
COMPLETION TYPE	CITY OKLAH	OMA CITY		STATE (	)K	ZIP	7:	3154					
MULTIFLE ZONE   Accidentation Dates   CONDUCTOR   SURFACE   9-5/8"   40#   J-55   1,528   620   Surface   CONDUCTOR   SURFACE   9-5/8"   40#   J-55   1,528   620   Surface   CONDUCTOR   NTERMEDIATE   7" 29#   P-110   10,901   475   4,051   4,05	COMPLETION TYPE			CASING & CEMEN	IT (Form 10	02C mus	it be attache	ed)		•	LOCATI	E WELL	•
MULTIFLE ZONE   Accidentation Dates   CONDUCTOR   SURFACE   9-5/8"   40#   J-55   1,528   620   Surface   CONDUCTOR   SURFACE   9-5/8"   40#   J-55   1,528   620   Surface   CONDUCTOR   NTERMEDIATE   7" 29#   P-110   10,901   475   4,051   4,05									F	FFT	PSI	SAX	TOP
SURFACE   9-5/8"   40#   J-55   1,528   620   Surface   Continued perfs   Fig.   Fig	MULTIPLE ZONE					UIZE.	WEIGHT	OTOTOL	<u> </u>		101	0,01	
NAME   STATE	COMMINGLED			SURFACE		E/0"	40#	1.55	1.1	520		620	Surface
PRODUCTION   PRO	Application Date  LOCATION	587700							-	DAMESTIC TOOL		5510-000	
NA	EXCEPTION ORDER NO. INCREASED DENSITY				-	7"	29#	P-110	10,	,901	-	4/5	4,051
Packer   Brand & Type	ORDER NO.	N/A							1067	0-			
Pub				LINER	4	-1/2"	13.5#	HCP-110	16,	,318		670	` ` '
COMPLETION & TEST DATA BY PRODUCING FORMATION   405.00		ONE AND ALLOW MAN	_								TOTAL	L DEPTH	16,318
COMMATION	-		-		- TYPE		PLUG @		- TYPE —		-		
Hogshooter   Continued perts			-4051	165R									
PACKING S PACKING   12,265 - 12,266   13,457 - 13,458   14,656 - 14,657   15,753 - 15,754     RRDER NUMBER   195051   12,406 - 12,408   13,622 - 13,624   14,796 - 14,797   15,869 - 15,870     RADIES OSI, Gas, Dy, Inj.   Gas   12,534 - 12,536   13,694 - 13,694   14,916 - 14,917   15,986 - 15,987     RADIES, Comm Disp, Svc   Gas   12,646 - 12,648   13,822 - 13,824   15,022 - 15,023   16,112 - 16,113     11,672 - 11,673   12,443 - 12,744   13,948 - 13,824   15,024 - 15,025   16,240 - 16,241     11,672 - 11,673   12,484 - 12,494   13,948 - 13,949   15,024 - 15,025   16,240 - 16,241     11,672 - 11,867   12,973   14,170 - 14,172   15,224 - 15,225     NTREVALS   11,894 - 11,886   3,086 - 13,088   14,282 - 14,284   15,373 - 15,504     12,026 - 12,028   13,248 - 13,250   14,412 - 14,241   15,503 - 15,634     RRACTURE TREATMENT   Fluids/Prop Amounts)   65,919 BSW + linear gel + 3,089,160#   109     RRACTURE TREATMENT   Fluids/Prop Amounts)   109     RRACTURE TREATMENT   109   109     RRACTURE TREATMENT   109   109     RASSAMCF/DAY   109   109     RASSAMCF/DAY   1,937   1,937     RASSAMCF/DAY   1,937   1,937     RASSAMCF/DAY   8   1,937     RASSAMCF/DAY   8   1,7771     RATER-BBUDAY   8   1,7771   1,771     RATER-BBUDAY   1,937   1,937     RASSAMCF/DAY   3,869   1,940	FORMATION	Hogshooter	cont	inued nerfe	contin	ued n	erfs co	ontinued n	erfs (	continu	ed nerfs		
Chesapeake   12,534 - 12,536   13,694 - 13,696   14,916 - 14,917   15,986 - 15,987	SPACING & SPACING	640	12,2	65 - 12,266	13,45	7 - 13,	458   14	4,656 - 14,	657	15,753	- 15,754		
Common Disp. Sec   Gas   12,646   12,648   13,822 - 13,824   15,022 - 15,023   16,112 - 16,113	ORDER NUMBER CLASS: Oil, Gas, Dry, Inj.	195051								15,869	- 15,870 - 15,987		
11,672 - 11,673   12,848 - 12,849   14,046   15,155 - 15,156	Disp, Comm Disp, Svc				13,822	2 - 13,	824   15	5,022 - 15,	023   1	16.112	- 16.113		
11,894 - 11,896   13,086 - 13,088   14,282 - 14,284   15,378 - 15,379     12,026 - 12,028   13,248 - 13,250   14,12 - 14,414   15,503 - 15,504     12,142 - 12,143   13,352 - 13,353   14,563 - 14,564   15,632 - 15,634     12,142 - 12,143   13,352 - 13,353   14,563 - 14,564   15,632 - 15,634     12,142 - 12,143   13,352 - 13,353   14,563 - 14,564   15,632 - 15,634     13,083,160#   Sand   Sa		11,672 - 11,673	12.8	48 - 12.849	14,04	5 - 14,	046 15	5,155 - 15,	156	10,240	- 10,241		
12,026 - 12,028	PERFORATED INTERVALS	11,787 - 11,789 11,894 - 11,896	12,9	71 - 12,973 86 - 13 088			172   15 284   15	5,224 - 15, 5 378 - 15	225   379				
ACIDNOLUME  FRACTURE TREATMENT reluids/Prop Amounts)  All Minimum Gas Allowable (165:10-17-7)  AN OR Sand G/9/2011  AN OR Sand G/9/2011		12,026 - 12,028	13,2	48 - 13,250	14,412	2 - 14,	414 13	5,503 - 15,	504			9-4-11	
FRACTURE TREATMENT Fluids/Prop Amounts)  Minimum Gas Allowable (165:10-17-7) Gas Purchaser/Measurer Sand  Minimum Gas Allowable (165:10-13-3)  Minimum Gas Allo	ACIDA/OLLIME	12,142 - 12,143	13,3	52 - 13,353	14,56	3 - 14,	564 1	0,632 - 15,	034				
NITIAL TEST DATA  Oil Allowable (165:10-13-3)  NITIAL TEST DATE  9/21/2011  DIL-BBL/DAY  109  DIL-GRAVITY (API)  51  3AS-MCF/DAY  1,937  3AS-OIL RATIO CU FT/BBL  17,771  MATER-BBL/DAY  8  PUMPING OR FLOWING  Flowing  NITIAL SHUT-IN PRESSURE  38/64  FLOW TUBING PRESSURE  347 (FCP)  Arecord of the formations drilled through, and patinent temarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  10/7/2011  405-848-8000  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  juanita.cooper@chk.com	FRACTURE TREATMEMT (Fluids/Prop Amounts)	gel + 3,089,160#											
NITIAL TEST DATA  Oil Allowable (165:10-13-3)  NITIAL TEST DATE  9/21/2011  DIL-BBL/DAY  109  DIL-GRAVITY (API)  51  3AS-MCF/DAY  1,937  3AS-OIL RATIO CU FT/BBL  17,771  MATER-BBL/DAY  8  PUMPING OR FLOWING  Flowing  NITIAL SHUT-IN PRESSURE  38/64  FLOW TUBING PRESSURE  347 (FCP)  Arecord of the formations drilled through, and patinent temarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  10/7/2011  405-848-8000  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  juanita.cooper@chk.com		Minimum Gas Allov	wable	(165:10-17-	7)	_	Gas	s Purchaser/Me	asurer		Chesar	peake Or	perating, Inc.
NITIAL TEST DATA Oil Allowable (165:10-13-3) NITIAL TEST DATE 9/21/2011 DIL-BBL/DAY 109 DIL-GRAVITY (API) 51 SAS-MCF/DAY 1,937 SAS-OIL RATIO CU FT/BBL 17,771 WATER-BBL/DAY 8 PUMPING OR FLOWING Flowing NITIAL SHUT-IN PRESSURE 988 CHOKE SIZE 38/64 SLOW TUBING PRESSURE 347 (FCP) Arecord of the formations drilled birough, and politinent lemarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, whigh was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER 10/7/2011 405-848-8000 DATE PHONE NUMBER P.O. BOX 18496 OKLAHOMA CITY OK 73154 juanita.cooper@chk.com				,	2								
DIL-BBL/DAY  109  DIL-GRAVITY (API)  51  SAS-MCF/DAY  1,937  SAS-OIL RATIO CU FT/BBL  17,771  NATER-BBL/DAY  8  PUMPING OR FLOWING  Flowing  NITIAL SHUT-IN PRESSURE  988  CHOKE SIZE  38/64  CHOW TUBING PRESSURE  347 (FCP)  A record of the formations drilled brough, and pettinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  10/7/2011  405-848-8000  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  juanita.cooper@chk.com	INITIAL TEST DATA	Oil Allowable	_	(165:10-13-3)									
DIL-GRAVITY (API)  51  GAS-MCF/DAY  1,937  SAS-OIL RATIO CU FT/BBL  17,771  WATER-BBL/DAY  8  PUMPING OR FLOWING  Flowing  NITIAL SHUT-IN PRESSURE  988  CHOKE SIZE  38/64  FLOW TUBING PRESSURE  347 (FCP)  A record of the formations drilled brough, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  10/7/2011  405-848-8000  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  juanita.cooper@chk.com	INITIAL TEST DATE												
ASS-MCF/DAY  1,937  3AS-OIL RATIO CU FT/BBL  17,771  NATER-BBL/DAY  8  PUMPING OR FLOWING  Flowing  NITIAL SHUT-IN PRESSURE  988  CHOKE SIZE  38/64  SLOW TUBING PRESSURE  347 (FCP)  A record of the formalions drilled brough, and pertinent femarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  10/7/2011  405-848-8000  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  juanita.cooper@chk.com	OIL-BBL/DAY	3.00	-									_	
A record of the formations drilled brough, and pertinent lemarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK 73154  juanita.cooper@chk.com	OIL-GRAVITY ( API)	+	-		ļ								
NATER-BBL/DAY  8 PUMPING OR FLOWING Flowing NITIAL SHUT-IN PRESSURE 988 CHOKE SIZE 38/64 SLOW TUBING PRESSURE 347 (FCP) A record of the formations drilled through, and pertinent lemarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER 10/7/2011 405-848-8000 NAME (PRINT OR TYPE) DATE PHONE NUMBER P.O. BOX 18496 OKLAHOMA CITY OK 73154 juanita.cooper@chk.com	V 50 797 - Service -												
PUMPING OR FLOWING Flowing  NITIAL SHUT-IN PRESSURE 988  CHOKE SIZE 38/64  FLOW TUBING PRESSURE 347 (FCP)  A record of the formations drilled brough, and pertinent emarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK 73154  juanita.cooper@chk.com	50 (C) (SA) (C) (SA) (C) (SA) (SA) (SA) (SA) (SA) (SA) (SA) (SA	+			-		_		-				
NITIAL SHUT-IN PRESSURE 988 CHOKE SIZE 38/64 CHOKE SIZE 38/64 CHOW TUBING PRESSURE 347 (FCP) A record of the formations drilled through, and pertinent lemarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER 10/7/2011 405-848-8000 NAME (PRINT OR TYPE) DATE PHONE NUMBER P.O. BOX 18496 OKLAHOMA CITY OK 73154 juanita.cooper@chk.com			+		1				-				
CHOKE SIZE  38/64  A record of the formations drilled brough, and pertinent lemarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me of under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  juanita.cooper@chk.com	The party has been accounted to										+		
A record of the formations drilled brough, and pertinent lemarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me of under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  juanita.cooper@chk.com	CHOKE SIZE				-	S <sub>1</sub>		_		3			
A record of the formations drilled brough, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this eport, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  juanita.cooper@chk.com	FLOW TUBING PRESSURE												
eport, which was prepared by the cycluder my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.  MICHAEL PARK - DISTRICT MANAGER  SIGNATURE  NAME (PRINT OR TYPE)  DATE  PHONE NUMBER  P.O. BOX 18496  OKLAHOMA CITY  OK  73154  Juanita.cooper@chk.com	a transfer out of the second s		re presente	ed on the reverse	declare that	I have le	nowledge of	the contents of	this report	and am a	uthorized by m	v organizatio	on to make this
P.O. BOX 18496 OKLAHOMA CITY OK 73154 juanita.cooper@chk.com	report, which was prepared by m	ne or under my supervision and dir	rection, with	the data and facts	stated herei	n to be tr	ue, correct, a	and complete to	the best o	of my know 0/7/201	rledge and beli 11	ef. 405	-848-8000
	// P.O. BOX 18496		A CITY	OK		7315		juanita.	coope	r@chk	.com	PHOF	TE NOWDER

# PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

| LEASE NAME | Kay Martin | WELL NO. 1-22H | Martin | WELL NO. 1-22H | Martin | WELL NO. 1-22H | Martin |

announced an origin. Chow intervals cored or diffister	ii tooteu.		
NAMES OF FORMATIONS	TOP		FOR COMMISSION USE ONLY
Council Grove Base Heebner Tonkawa Missourian Cottage Grove Hogshooter	5,368 9,309 10,017 10,642 10,779 11,377	APPROVED DIS	APPROVED 2) Reject Codes
		Were open hole logs run?  Date Last log was run	X yesno 2/25/2011
		Was CO <sub>2</sub> encountered?	
		Was H <sub>2</sub> S encountered?	yes X no at what depths?
		Were unusual drilling circu	
		in you, anony explain.	
Other remarks:			
			70) 5
640 Acres	BOTTOM HOLE LOCATION FO	R DIRECTIONAL HOLE	. *
	SEC TWP	RGE COUNTY	
	Spot Location 1/4 1/4	1/4 1/4	Feet From 1/4 Sec Lines FSL FWL
	Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:
	BOTTOM HOLE LOCATION FOR LATERAL #1		ALS)
	22   11N	RGE COUNTY	Beckham
	Spot Location SW 1/4 SE 1/4	SE 1/4 SE 1/4	Feet From 1/4 Sec Lines FSL 237 FEL 656
•	Depth of Deviation 11,110	Radius of Turn 255	Direction Total Length 4,941
If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.	Measured Total Depth 16,318	True Vertical Depth 11,365	BHL From Lease, Unit, or Property Line: 237
Direction must be stated in degrees azimuth.	LATERAL #2	·	·
Please note, the horizontal drainhole and its end point must be located within the boundaries of the	SEC TWP	RGE COUNTY	
lease or spacing unit.	Spot Location 1/4 1/4	1/4 1/4	Feet From 1/4 Sec Lines FSL FWL
Directional surveys are required for all drainholes and directional wells.	Depth of Deviation	Radius of Turn	Direction Total Length
640 Acres	Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:
	LATERAL #3		

040 AGIE3									
		- 1							
	-				-				
		- 1							
	1								
		1							
				_					
	+ +	-							

SEC

Spot Location 1/4

Deviation
Measured Total Depth

Depth of

TWP

RGE

1/4

COUNTY

1/4

Direction

1/4

Radius of Turn

True Vertical Depth

Feet From 1/4 Sec Lines

BHL From Lease, Unit, or Property Line:

FSL

Total Length

FWL