

CONFIDENTIAL

ATS-11-855

Form 3160-3
(August 2007)

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

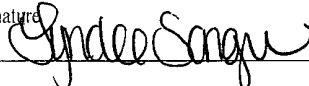
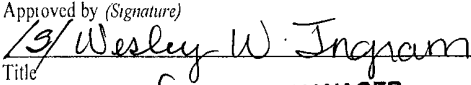
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: ☒ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No. NMNM071016X
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone		8. Lease Name and Well No. PLU BIG SINKS 23-24-30 USA 1H [38923]
2. Name of Operator CHESAPEAKE OPERATING, INC AGENT FOR BOPCO 147179		9. API Well No. 30-015-39633
3a. Address PO BOX 18496 OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) 405-935-2411	10. Field and Pool, or Exploratory WC; G-065243026m; B.S [97998]
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 100' FNL & 1980' FEL NWNE At proposed prod. zone 350' FSL & 1980' FEL SWSE		11. Sec., T. R. M. or Blk. and Survey or Area 23-24S-30E
14. Distance in miles and direction from nearest town or post office* TEN 7.7 MILES FROM DOUGLAS, WY		12. County or Parish EDDY
15. Distance from proposed* location to nearest property or lease line, ft (Also to nearest drig. unit line, if any)		13. State NM
16. No. of acres in lease 1200 ACRES		17. Spacing Unit dedicated to this well 640 ACRES
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.		20. BLM/BIA Bond No. on file ESB00159 NM 2634
19. Proposed Depth 12,092' MD/8249' TVD 3281'		23. Estimated duration
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3428' GL		22. Approximate date work will start* 11/4/2011

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office) | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) LYNDEE SONGER	Date 8/8/2011
Title REGULATORY COMPLIANCE ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Wesley W. Ingram	Date NOV 9 2011
Title for FIELD MANAGER		
Office CARLSBAD FIELD OFFICE		

Application approval 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.
Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

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.

(Continued on page 2)

*(Instructions on page 2)

Carlsbad Controlled Water Basin

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

CONFIDENTIAL

Approval Subject to General Requirements
& Special Stipulations Attached

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised July 16, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30015-39633	Pool Code 97798	Pool Name WILDCAT G-06 S24 30 26m; B.S.
Property Code 38923	Property Name PLU BIG SINKS 23 24 30 USA	Well Number 1H
OGRIID No. 147179	Operator Name CHESAPEAKE OPERATING CO.	Elevation 3428'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	23	24 S	30 E		100	NORTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	23	24 S	30 E		350	SOUTH	1980	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION Lat - N 32.21035388° Long - W 103.8493731° NMSPCE- N 440597.784 E 691016.660 (NAD-83)	PROPOSED BOTTOM HOLE LOCATION Lat - N 32.19710474° Long - W 103.8494285° NMSPCE- N 435777.866 E 691021.220 (NAD-83)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Bryan Arrant</u> Date: <u>7/26/2011</u> Printed Name: <u>Bryan Arrant</u> Email Address: <u>bryan.arrant@chk.com</u> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date Surveyed: <u>7/26/2011</u> Signature & Seal of Professional Surveyor: <u>[Signature]</u> Certificate No. <u>Gary L. Jones 7977</u> BASIN SURVEYS <u>24818</u>
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EXHIBIT A-1

Additional Operator Remarks:

SHL Lease No. NMNM030452

Chesapeake Operating, Inc. respectfully requests permission to drill a well to 12,092' to test the Bone Spring Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and New Mexico Oil Conservation Division requirements.

Please find the Surface Use Plan and Drilling Program as required by Onshore Order No. 1.

Attached are the Exhibit A1-A5 Survey plats, Exhibit B 1 mile radius, Exhibit C Production Facility, Exhibit D Patterson Rig #62 layout, Exhibit F-1 to F-2 BOP & Choke Manifold and Exhibit G Directional Drill Plan.

Archeological Survey will be delivered to the BLM when completed.

Chesapeake Operating, Inc. has an agreement with the grazing lease.

Please be advised the Chesapeake Operating, Inc. is the Designated Agent for BOPCO, the Operator of this unit. Chesapeake Operating, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

(CHK PN 640120)

Chesapeake Operating Inc.
PLU Big Sinks 23-24-30 USA 1H
SL: 100' FNL & 1980' FEL
BL: 350' FSL & 1980' FWL
Section 23-24S-30E
Eddy County, New Mexico

Confidential – Tight Hole

SL: Lease No. NMNM 030452
BL: Lease No. NMNM 030452

Attachment to Application for Permit to Drill or Re-enter

Chesapeake Operating, Inc. respectfully requests permission to drill a well to 12,092 to test the Bone Spring formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and New Mexico Oil Conservation Division requirements.

Please find the Surface Use Plan and Drilling Plan as required by Onshore Order No. 1.

Attached are the Exhibit A-1 to A-4 Survey plats, Exhibit B 1 mile radius plat, Exhibit C Production facility, Exhibit D Latshaw Rig #6 layout, Exhibit F-1 to F-2 BOP & Choke Manifold and Exhibit G Directional Drill Plan.

The Archeological Survey will be delivered to the BLM when completed.

Chesapeake Operating, Inc. has an agreement with the grazing lessee.

Please be advised that Chesapeake Operating, Inc. is the Designated Agent for BOPCO, the Operator of this unit. Chesapeake Operating, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

ONSHORE ORDER NO. 1

Chesapeake Operating, Inc. Agent for BOPCO

PLU Big Sinks 23-24-30 USA 1H

SHL 100' FNL 1980' FEL, Section 23, Township 24S, Range 30E

BHL 350' FSL 1980' FEL, Section 23, Township 24S, Range 30E

Eddy, NM

CONFIDENTIAL -- TIGHT HOLE
Lease No. NMNM030452

DRILLING PLAN
PAGE. 1

OHSORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling and completion operations.

Approval of this application 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.

1. **FORMATION TOPS**

The estimated tops of important geologic markers are as follows:

FORMATION	SUB-SEA	KBTVD	MD
Rustler	2970	450	
Top of Salt	2810	610	
Base of Salt	-351	3771	
Lamar	-565	3985	
Bell Canyon	-615	4035	
Cherry Canyon	-1545	4965	
Brushy Canyon	-2792	6212	
Bone Spring	-4450	7870	
Lateral TD	-4829	8249	12902

2. **ESTIMATED DEPTH OF WATER, OIL, GAS & OTHER MINERAL BEARING FORMATIONS**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Water	Rustler	450-520
Oil/Gas	Brushy Canyon	6212
Oil/Gas	Bone Spring	7870

All shows of fresh water and minerals will be reported and protected

ONSHORE ORDER NO 1

Chesapeake Operating, Inc Agent for BOPCO

PLU Big Sinks 23-24-30 USA 1H

SHL: 100' FNL 1980' FEL, Section 23, Township 24S, Range 30E

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Eddy, NM

CONFIDENTIAL -- TIGHT HOLE
Lease No. NMNM030452

DRILLING PLAN

PAGE: 2

3. BOP EQUIPMENT

Will have a 5000 psi rig stack (see proposed schematic) for drill out below surface casing, but this system will be tested to 3000 psi working pressure and 3000 psi working pressure for the annular preventer; therefore, no shoe tests will be conducted.

Chesapeake Operating Inc.'s minimum specifications for pressure control equipment are as follows:

I. BOP, Annular, Choke Manifold Pressure Test - See Exhibit F-1 and F-2

A. Equipment

1. The equipment to be tested includes all of the following that is installed on the well:
 - (a) Ram-type and annular preventers
 - (b) Choke manifolds and valves
 - (c) Kill lines and valves
 - (d) Upper and lower kelly cock valves, inside BOP's and safety valves

B. Frequency

1. All tests shall be performed with clear water
 - (a) when installed
 - (b) before drilling out each casing string
 - (c) at any time that there is a repair requiring a pressure seal to be broken in the assembly
 - (d) at least once every 30 days while drilling

C. Frequency

1. In some drilling operations, the pressures to be used for low and high pressure testing of preventers and casing may be different from those given below due to governmental regulations or approved local practices.
2. If an individual component does not test at the low pressure, do not test to the high pressure and then drop back down to the low pressure.
3. All valves located downstream of a valve being tested must be placed in the open position.
4. All equipment will be tested with an initial "low pressure" test at 250 psi.
5. The subsequent "high pressure" test will be conducted at the rated working pressure of the equipment for all equipment except the annular preventer unless otherwise stated (see above).
6. The "high pressure" test for the annular preventer will be conducted at 70% of the rated working pressure unless otherwise stated (see above)
7. A record of all pressures will be made on a pressure-recording chart.

II. Accumulator Performance Test

A. Scope

1. The purpose of this test is to check the capabilities of the Bop control systems and to detect deficiencies in the hydraulic oil volume and recharge time.

B. Test Frequency

1. The accumulator is to be tested each time the BO's are tested, or any time a major repair is performed

C. Minimum Requirements

1. The accumulator should be of sufficient volume to supply 1.5 times the volume to close and hold all BOP equipment in sequence, without recharging and the pump turned off, and have remaining pressures of 200 psi above the precharge pressure.
2. Minimum precharge pressures for the various accumulator systems per manufacturers recommended specifications are as follows:

System Operating Pressure	Precharge Pressure
1500 psi	750 psi
2000 psi	1000 psi
3000 psi	1000 psi

3. Closing times for the annular preventer should be less than 20 seconds and for the ram-type preventers less than 10 seconds.
4. System recharge time should not exceed 10 minutes.

D. Test Procedure

1. Shut accumulator pumps off and record accumulator pressure.
2. In sequence, close the annular and one set of properly sized pipe rams, and open the HCR valve
3. Record time to close or open each element and the remaining accumulator pressure after each operation.
4. Record the remaining accumulator pressure at the end of the test sequence. Per the previous requirement, this pressure should not be less than the following pressures:

System Operating Pressure	Remaining Pressure After Test
1500 psi	950 psi
2000 psi	1200 psi
3000 psi	1200 psi

5. Turn the accumulator pumps on and record the recharge time. This time should not exceed 10 minutes.
6. Open annular and ram-type preventers. Close HCR valve
7. Place all 4-way control valves in full open or full closed position. Do not leave in neutral position.

3. CASING PROGRAM

- a. The proposed casing program will be as follows:

Sec 23

Purpose	From	To	Hole Size	Csg Size	Weight	Grade	Thread	Condition
Surface	0' ^{12 3/5}	550'	17-1/2"	13-3/8"	48 #	H-40	STC	New
Shallow Intermediate	0'	4,000'	11"	8-5/8"	32 #	J-55	LTC	New
Production	0'	12,902'	7-7/8"	5-1/2"	20.0 #	L-80	LTC	New

- b. Casing design subject to revision based on geologic conditions encountered

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Eddy, NM

CONFIDENTIAL -- TIGHT HOLE

Lease No: NMNM030452

DRILLING PLAN

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c. Casing Safety Factors

Casing String	Min SF Burst	Min SF Collapse	Min SF Tension
Surface	1.38	3.07	2.62
Shallow Intermediate	1.45	1.22	2.0
Production	1.29	2.28	1.72

Min SF is the smallest of a group of safety factors that include the following considerations:

	Surf	Int	Prod
Burst Design			
Pressure Test- Surface, Int, Prod Csg P external: Water P internal: Test psi + next section heaviest mud in csg	X	X	X
Displace to Gas- Surf Csg P external: Water P internal: Dry Gas from Next Csg Point	X		
Frac at Shoe, Gas to Surf- Int Csg P external: Water P internal: Dry Gas, 15 ppg Frac Gradient		X	
Stimulation (Frac) Pressures- Prod Csg P external: Water P internal: Max inj pressure w/ heaviest injected fluid			X
Tubing leak- Prod Csg P external: Water P internal: Leak just below surf, 8.7 ppg packer fluid			X
Collapse Design			
Full Evacuation P external: Water gradient in cement, mud above TOC P internal: none	X	X	X
Cementing- Surf, Int, Prod Csg P external: Wet cement P internal: water	X	X	X
Tension Design			
100k lb overpull	X	X	X

ONSHORE ORDER NO 1

Chesapeake Operating, Inc Agent for BOPCO

PLU Big Sinks 23-24-30 USA 1H

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Eddy, NM

CONFIDENTIAL -- TIGHT HOLE
Lease No: NMNM030452

DRILLING PLAN
PAGE 5

5. CEMENTING PROGRAM

Slurry	Type	Top	Btm	Wt	Yld	%Exc	Sx
Surface				(ppg)	(sx/cu ft)	Open Hole	
Single Slurry	C + 4% Gel	0'	550'	13.5	1.73	150	539
Shallow Int							
Lead	TXI + 5% Salt	0'	3,500'	12	1.8	150	1181
Tail	50C/50Poz +5% Salt	3,500'	4,000'	14.2	1.37	150	243
Production							
1st Stage lead	35/65Poz H +8% Gel	4,900'	7,900'	12.4	2.11	75	431
1st Stage Tail	50/50Poz H +2% Gel	7,900'	12,902'	14.5	1.27	75	1203
2nd Stage Lead	35/65Poz C +6% Gel + 5% Salt	3,500'	4,650'	12.4	2.19	200	195
2nd Stage Tail	C	4,650'	4,900'	14.8	1.33	200	98

1. Final cement volumes will be determined by caliper.
2. Surface casing shall have at least one centralizer installed on each of the bottom three joints starting with the shoe joint.
3. The production casing will be cemented in two stages with the DV tool place at: 4,900'
4. Production casing will have one centralizer on every other joint from TD to KOP (horizontal type) and from KOP to intermediate casing (bowspring type).

Pilot Hole Plugging Plan:

No pilot Hole

ONSHORE ORDER NO 1

Chesapeake Operating, Inc. Agent for BOPCO

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Eddy, NM

CONFIDENTIAL -- TIGHT HOLE
Lease No. NMNM030452

DRILLING PLAN
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6. MUD PROGRAM

From	To	Type	Weight	F. Vis	Filtrate
0'	550'	Spud Mud	8.4 - 8.7	32 - 34	NC - NC
550'	4,000'	Brine	9.5 - 10.1	28 - 29	NC - NC
4,000'	7,809'	Cut Brine	8.4 - 9.5	28 - 29	NC - NC
7,809'	8,564'	Cut Brine	8.4 - 9.5	28 - 29	NC - NC
8,564'	12,902'	Cut Brine	8.4 - 9.5	28 - 29	NC - NC

A closed system will be utilized consisting of above ground steel tanks. All wastes accumulated during drilling operations will be contained in a portable trash cage and removed from location and deposited

All fluids and cuttings will be disposed of in accordance with New Mexico Oil Conservation Division rules and regulations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable, density, viscosity, gel strength, filtration, and pH.

7. TESTING, LOGGING, AND CORING *See COA*

The anticipated type and amount of testing, logging, and coring are as follows:

- Drill stem tests are not planned.
- The logging program will be as follows:

TYPE	Logs	Interval	Timing	Vendor
Mud Log	2 man Mudlog	Int Cas to TD	Int Csg Drill out	Suttles
OH	Triple Combo (DIL)	Curve to Int Csg	After Curve	TBD
OH	GR/Neutron	Int Cas to Surf	After Curve	TBD
LWD	MWD Gamma	Curve and Lateral	While Drilling	Ryan

- Core samples are not planned.
- A Directional Survey will be run.

8. ABNORMAL PRESSURES AND HYDROGEN SULFIDE

- No abnormal pressures or temperatures are expected. Estimated BHP is: 3878 psi
- Hydrogen sulfide gas is not anticipated.

Permian District

Poker Lake

PLU Big Sinks 23-24-30 USA 1H

Well #1

Wellbore #1

Plan: Plat

Standard Planning Report

01 August, 2011

EXHIBIT 6

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Well Well #1
Company:	Permian District	TVD Reference:	WELL @ 0 0usft (Original Well Elev)
Project:	Poker Lake	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	PLU Big Sinks 23-24-30 USA 1H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat		

Project:	Poker Lake, Eddy County, NM		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site:	PLU Big Sinks 23-24-30 USA 1H		
Site Position:	Map	Northings:	440,598 00 usft
From:		Easting:	691,017 00 usft
Position Uncertainty:	0 0 usft	Slot Radius:	13.200 in
		Latitude:	32 2103544653
		Longitude:	-103 8493719698
		Grid Convergence:	0 2579905 °

Well:	Well #1		
Well Position	+N/-S	0 0 usft	Northings:
	+E/-W	0 0 usft	Easting:
Position Uncertainty	0 0 usft	Wellhead Elevation:	Ground Level:
			0 0 usft

Wellbore:	Wellbore #1		
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Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	6/17/2011	7 7009555	60.1488495	48,616

Design:	Plat		
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Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth:
			0 0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0 0	0.0	0.0
			179 95

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.0	0.00	0 00	0 0	0 0	0 0	0 00	0 00	0.00	0 0000000	
7,809.4	0 00	0 00	7,809.4	0.0	0 0	0 00	0 00	0 00	0 0000000	
8,563.6	90 50	179.95	8,286 9	-481 6	0 4	12.00	12 00	0.00	179.9524516	
12,902 1	90.50	179 95	8,249 0	-4,820 0	4 0	0.00	0 00	0 00	0 0000000	BS 23-24-30 USA 1H

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Well Well #1
Company:	Permian District	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Project:	Poker Lake	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	PLU Big Sinks 23-24-30 USA 1H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Chesapeake Operating Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Well Well #1
Company:	Permian District	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Project:	Poker Lake	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	PLU Big Sinks 23-24-30 USA 1H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,809.4	0.00	0.00	7,809.4	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	10.87	179.95	7,899.5	-8.6	0.0	8.6	12.00	12.00	0.00
8,000.0	22.87	179.95	7,995.0	-37.5	0.0	37.5	12.00	12.00	0.00
8,100.0	34.87	179.95	8,082.4	-85.7	0.1	85.7	12.00	12.00	0.00
8,200.0	46.87	179.95	8,157.9	-151.0	0.1	151.0	12.00	12.00	0.00
8,300.0	58.87	179.95	8,218.1	-230.6	0.2	230.6	12.00	12.00	0.00
8,400.0	70.87	179.95	8,260.5	-321.0	0.3	321.0	12.00	12.00	0.00
8,500.0	82.87	179.95	8,283.2	-418.2	0.3	418.2	12.00	12.00	0.00
8,563.6	90.50	179.95	8,286.9	-481.6	0.4	481.6	12.00	12.00	0.00
8,600.0	90.50	179.95	8,286.5	-518.0	0.4	518.0	0.00	0.00	0.00
8,700.0	90.50	179.95	8,285.7	-618.0	0.5	618.0	0.00	0.00	0.00
8,800.0	90.50	179.95	8,284.8	-718.0	0.6	718.0	0.00	0.00	0.00
8,900.0	90.50	179.95	8,283.9	-818.0	0.7	818.0	0.00	0.00	0.00
9,000.0	90.50	179.95	8,283.1	-918.0	0.8	918.0	0.00	0.00	0.00
9,100.0	90.50	179.95	8,282.2	-1,018.0	0.8	1,018.0	0.00	0.00	0.00
9,200.0	90.50	179.95	8,281.3	-1,118.0	0.9	1,118.0	0.00	0.00	0.00
9,300.0	90.50	179.95	8,280.4	-1,218.0	1.0	1,218.0	0.00	0.00	0.00
9,400.0	90.50	179.95	8,279.6	-1,318.0	1.1	1,318.0	0.00	0.00	0.00
9,500.0	90.50	179.95	8,278.7	-1,418.0	1.2	1,418.0	0.00	0.00	0.00
9,600.0	90.50	179.95	8,277.8	-1,518.0	1.3	1,518.0	0.00	0.00	0.00
9,700.0	90.50	179.95	8,276.9	-1,618.0	1.3	1,618.0	0.00	0.00	0.00
9,800.0	90.50	179.95	8,276.1	-1,718.0	1.4	1,718.0	0.00	0.00	0.00
9,900.0	90.50	179.95	8,275.2	-1,818.0	1.5	1,818.0	0.00	0.00	0.00
10,000.0	90.50	179.95	8,274.3	-1,918.0	1.6	1,918.0	0.00	0.00	0.00
10,100.0	90.50	179.95	8,273.5	-2,018.0	1.7	2,018.0	0.00	0.00	0.00
10,200.0	90.50	179.95	8,272.6	-2,118.0	1.8	2,118.0	0.00	0.00	0.00
10,300.0	90.50	179.95	8,271.7	-2,218.0	1.8	2,218.0	0.00	0.00	0.00
10,400.0	90.50	179.95	8,270.8	-2,318.0	1.9	2,318.0	0.00	0.00	0.00
10,500.0	90.50	179.95	8,270.0	-2,418.0	2.0	2,418.0	0.00	0.00	0.00

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Well Well #1
Company:	Permian District	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Project:	Poker Lake	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	PLU Big Sinks 23-24-30 USA 1H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
10,600.0	90.50	179.95	8,269.1	-2,518.0	2.1	2,518.0	0.00	0.00	0.00	
10,700.0	90.50	179.95	8,268.2	-2,618.0	2.2	2,618.0	0.00	0.00	0.00	
10,800.0	90.50	179.95	8,267.3	-2,718.0	2.3	2,718.0	0.00	0.00	0.00	
10,900.0	90.50	179.95	8,266.5	-2,818.0	2.3	2,818.0	0.00	0.00	0.00	
11,000.0	90.50	179.95	8,265.6	-2,918.0	2.4	2,918.0	0.00	0.00	0.00	
11,100.0	90.50	179.95	8,264.7	-3,018.0	2.5	3,018.0	0.00	0.00	0.00	
11,200.0	90.50	179.95	8,263.9	-3,117.9	2.6	3,118.0	0.00	0.00	0.00	
11,300.0	90.50	179.95	8,263.0	-3,217.9	2.7	3,217.9	0.00	0.00	0.00	
11,400.0	90.50	179.95	8,262.1	-3,317.9	2.8	3,317.9	0.00	0.00	0.00	
11,500.0	90.50	179.95	8,261.2	-3,417.9	2.8	3,417.9	0.00	0.00	0.00	
11,600.0	90.50	179.95	8,260.4	-3,517.9	2.9	3,517.9	0.00	0.00	0.00	
11,700.0	90.50	179.95	8,259.5	-3,617.9	3.0	3,617.9	0.00	0.00	0.00	
11,800.0	90.50	179.95	8,258.6	-3,717.9	3.1	3,717.9	0.00	0.00	0.00	
11,900.0	90.50	179.95	8,257.7	-3,817.9	3.2	3,817.9	0.00	0.00	0.00	
12,000.0	90.50	179.95	8,256.9	-3,917.9	3.3	3,917.9	0.00	0.00	0.00	
12,100.0	90.50	179.95	8,256.0	-4,017.9	3.3	4,017.9	0.00	0.00	0.00	
12,200.0	90.50	179.95	8,255.1	-4,117.9	3.4	4,117.9	0.00	0.00	0.00	
12,300.0	90.50	179.95	8,254.3	-4,217.9	3.5	4,217.9	0.00	0.00	0.00	
12,400.0	90.50	179.95	8,253.4	-4,317.9	3.6	4,317.9	0.00	0.00	0.00	
12,500.0	90.50	179.95	8,252.5	-4,417.9	3.7	4,417.9	0.00	0.00	0.00	
12,600.0	90.50	179.95	8,251.6	-4,517.9	3.7	4,517.9	0.00	0.00	0.00	
12,700.0	90.50	179.95	8,250.8	-4,617.9	3.8	4,617.9	0.00	0.00	0.00	
12,800.0	90.50	179.95	8,249.9	-4,717.9	3.9	4,717.9	0.00	0.00	0.00	
12,900.0	90.50	179.95	8,249.0	-4,817.9	4.0	4,817.9	0.00	0.00	0.00	
12,902.1	90.50	179.95	8,249.0	-4,820.0	4.0	4,820.0	0.00	0.00	0.00	

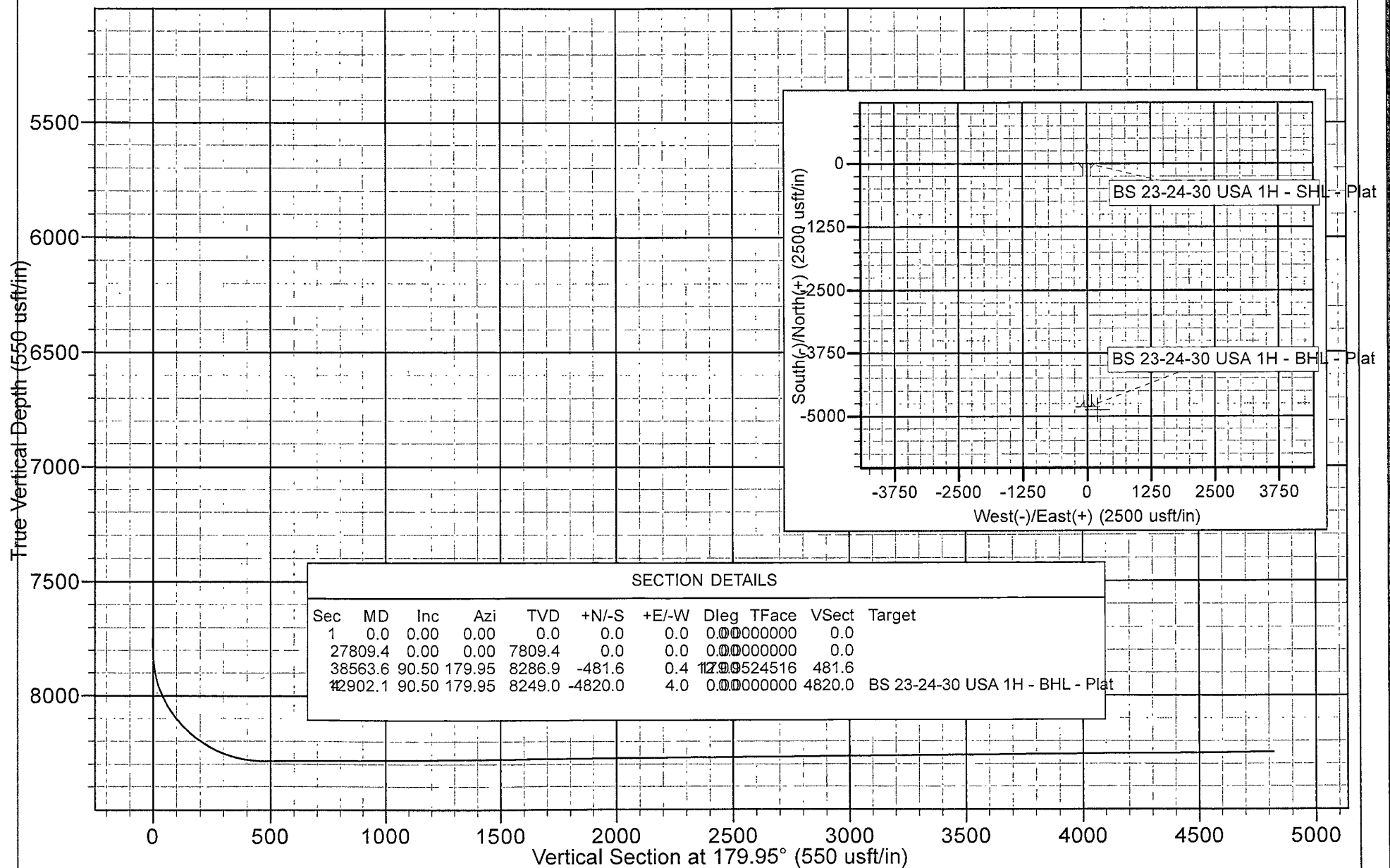
Design Targets										
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
- Shape										
BS 23-24-30 USA 1H - E	0.00	0.00	8,249.0	-4,820.0	4.0	435,778.00	691,021.00	32.1971051158	-103.8494291825	
- plan hits target center										
- Point										
BS 23-24-30 USA 1H - S	0.00	0.00	8,291.0	0.0	0.0	440,598.00	691,017.00	32.2103544653	-103.8493719698	
- plan misses target center by 201.3usft at 8200.0usft MD (8157.9 TVD, -151.0 N, 0.1 E)										
- Point										

Casing Points						
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)		
550.0	550.0	13 3/8" Surface Casing	13.375	17.500		
4,000.0	4,000.0	8 5/8" Intermediate Casing	8.625	11.000		
12,902.0	8,249.0	5 1/2" Production Casing	5.500	7.875		

Project: Poker Lake
 Site: PLU Big Sinks 23-24-30 USA 1H
 Well: Well #1
 Wellbore: Wellbore #1
 Design: Plat

PROJECT DETAILS: Poker Lake

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone





Drilling Engineer: Chris Gray

Superintendent: Rolando Davila

Geologist: Chris Persellin

Well Name: PLU Big Sinks 23-24-30 USA 1H
Target: Upper Avalon
County, State: Eddy, NM

Surface Location: 100' FNL 1980' FEL, Section 23, Township 24S, Range 30E
BH Location: 350' FSL 1980' FEL, Section 23, Township 24S, Range 30E

SHL Latitude: 32 210354 SHL North: 440598
SHL Longitude: -103 849373 SHL East: 691017
BHL Latitude: 32 19710474 BHL North: 435778
BHL Longitude: -103 8494285 BHL East: 691021
Coordinates: NAD 83 Coordinates: NMSPCE

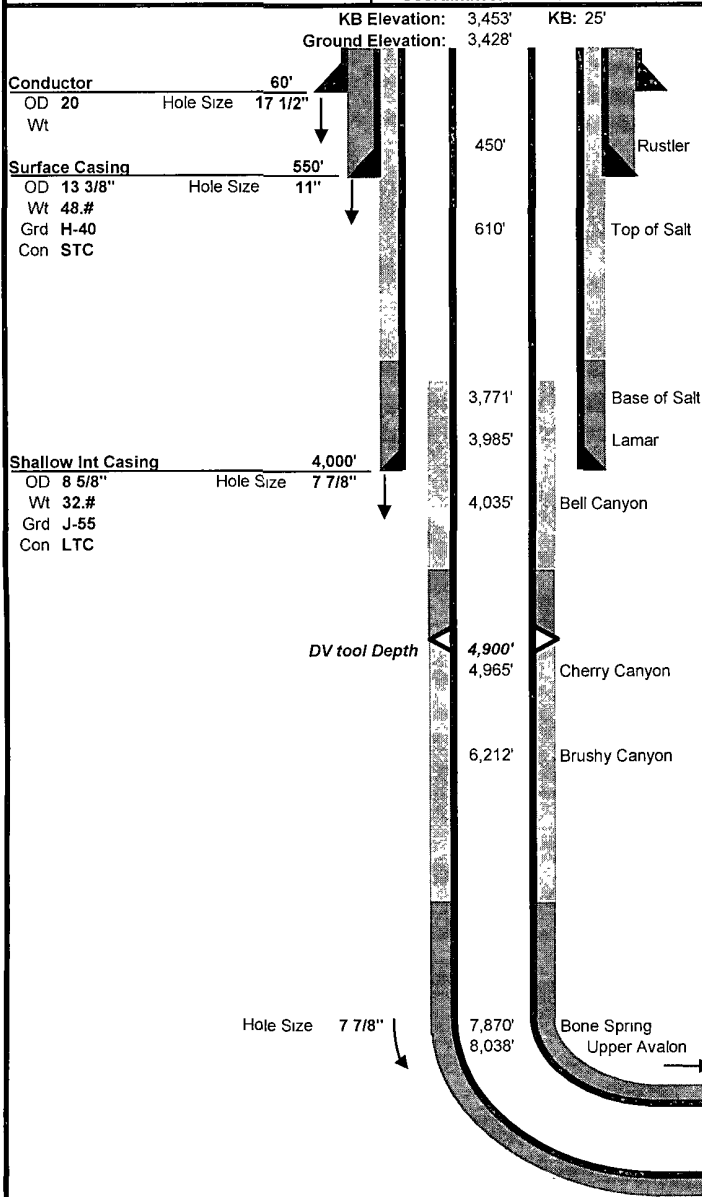
Drilling Rig: Patterson 62
Directional-Surface: Ryan
Directional-Curve: Ryan
Directional-Lateral: Ryan
Drilling Mud: Nova

Cement: Schlumberger

Wellhead: Sunbelt

Property Number: 640120

AFE Number: 157209



Wellhead Equipment	
A Section	13-3/8" x 13-5/8" 5K SOW w/5K gate valve
B Section	13-5 8" 5K X 11" 5K w/5k gate valve
C Section	11" 5K X 7-1/16" 10K w/10k gate valve
D Section	N/A
Required BOP Stack	13-5/8" 10K- Triple, Annular, Rot Head w/orbit valve

Mud				
Depth	Type	Weight	F. Vis	FL
0' - 550'	Spud Mud	8 4 - 8 7	32 - 34	NC - NC
550' - 4,000'	Brine	9 5 - 10 1	28 - 29	NC - NC
4,000' - 7,809'	Cut Brine	8 4 - 9 5	28 - 29	NC - NC
7,809' - 8,564'	Cut Brine	8 4 - 9 5	28 - 29	NC - NC
8,564' - 12,902'	Cut Brine	8 4 - 9 5	28 - 29	NC - NC

Cement						
Slurry	Top	Btm	Wt	Yld	%Exc	Bbl
Surface						
Single Slurry	0'	550'	13 5	1 73	150	166
Shallow Int						
Lead	0'	3,500'	12 0	1 8	150	378
Tail	3,500'	4,000'	14 2	1 37	150	59
Production						
1st Lead	4,900'	7,900'	12 4	2 11	75	162
1st Tail	7,900'	12,902'	14 5	1 27	75	272
2nd Lead	3,500'	4,650'	12 4	2 19	200	76
2nd Tail	4,650'	4,900'	14 8	1 33	200	23

Directional Plan						
Target Line:	8291' TVD w/90.5 deg inclination					
Target Window:	20' above and 20' below					
	MD	INC	AZM	TVD	VS	DLS
KOP	7,809'	0 00	0 00	7,809'	0'	0 00
EOB	8,564'	90 50	179 95	8,287'	482'	12 00
TD	12,902'	90 50	179 95	8,249'	4,820'	0 00
Hardlines:	Lateral- 330' from all lease lines Vertical- Actual Lease Lines					
Notes:	Please note SHL and BHL distance from lease lines					

Type	Logs	Interval	Vendor
Mud Log	2 man Mudlog	Int Cas to TD	Suttles
OH	Triple Combo (DIL)	Curve to Int Csg	TBD
OH	GR/Neutron	Int Cas to Surf	TBD
LWD	MWD Gamma	Curve and Lateral	Ryan

EXHIBIT 62

Chesapeake Minimum BOPE Requirements

Wellname: PLU Big Sinks 23-24-30 USA 1H

Operation: Intermediate and Production Hole Sections

BLOWOUT PREVENTER SCHEMATIC CHESAPEAKE OPERATING INC

WELL : Permian District

FIELD : Avalon

RIG :

COUNTY :

OPERATION : Intermediate and Production Hole Sections

STATE :

REVISION : : / /

Component Descriptions

Size	Pressure	Description
A 13 1/4"	LP	Rotating Head w/ Orbit Valve
B 13 1/4"	5,000 psi	Annular
C 13 1/4"	5,000 psi	Pipe Ram
D 13 1/4"	5,000 psi	Blind Ram
E 13 1/4"	5,000 psi	Mud Cross
F 13 1/4"	5,000 psi	Drilling Spool (as req'd)
G		
DSA (Int)	13 1/4" 3M x 13 1/4" 5M	
DSA (Prod)	11" 5M x 13 1/4" 5M	
B Sec	13 1/4" 3M x 11" 5M with 5M Gate Valves	
A Sec	13 1/4" 5OW x 13 1/4" 3M w/ 3M Gate Valve	

Exception	Reference

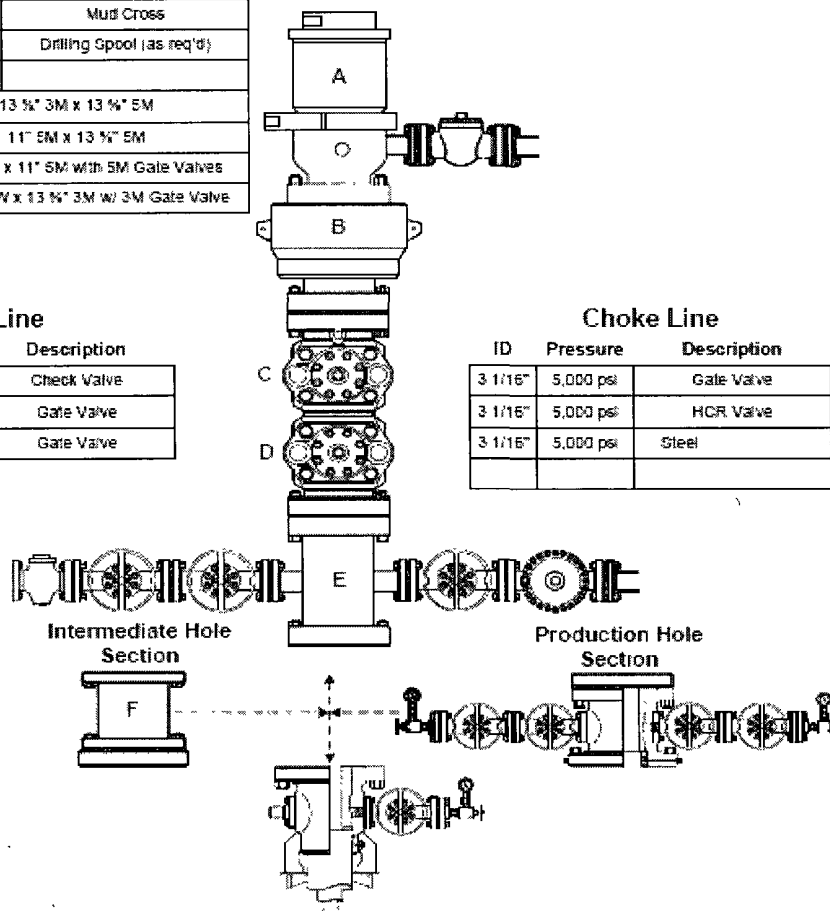
Trp Tank Required: Yes ☒ No ☐

Kill Line

ID	Pressure	Description
2 1/16"	5,000 psi	Check Valve
2 1/16"	5,000 psi	Gate Valve
2 1/16"	5,000 psi	Gate Valve

Choke Line

ID	Pressure	Description
3 1/16"	5,000 psi	Gate Valve
3 1/16"	5,000 psi	HCR Valve
3 1/16"	5,000 psi	Steel



Testing Requirements

Item	Pressure	Frequency
Rotating Head	250 psi	Once prior to DO shoe
Annular	250 / 3,500 psi	Every 21 Days
Rams	250 / 5,000 psi	Every 21 Days
Choke Manifold	250 / 5,000 psi	Every 21 Days

- Function test on trips
- H₂S service trim required

Approved by

Date

OP	
VP	
MCC	

EXHIBIT F1

Chesapeake Minimum BOPE Requirements

Wellname: PLU Big Sinks 23-24-30 USA 1H

Operation: Intermediate and Production Hole Sections

CHOKE MANIFOLD SCHEMATIC CHESAPEAKE OPERATING INC

WELL : Permian District

FIELD : Avalon

RIG :

COUNTY :

OPERATION :

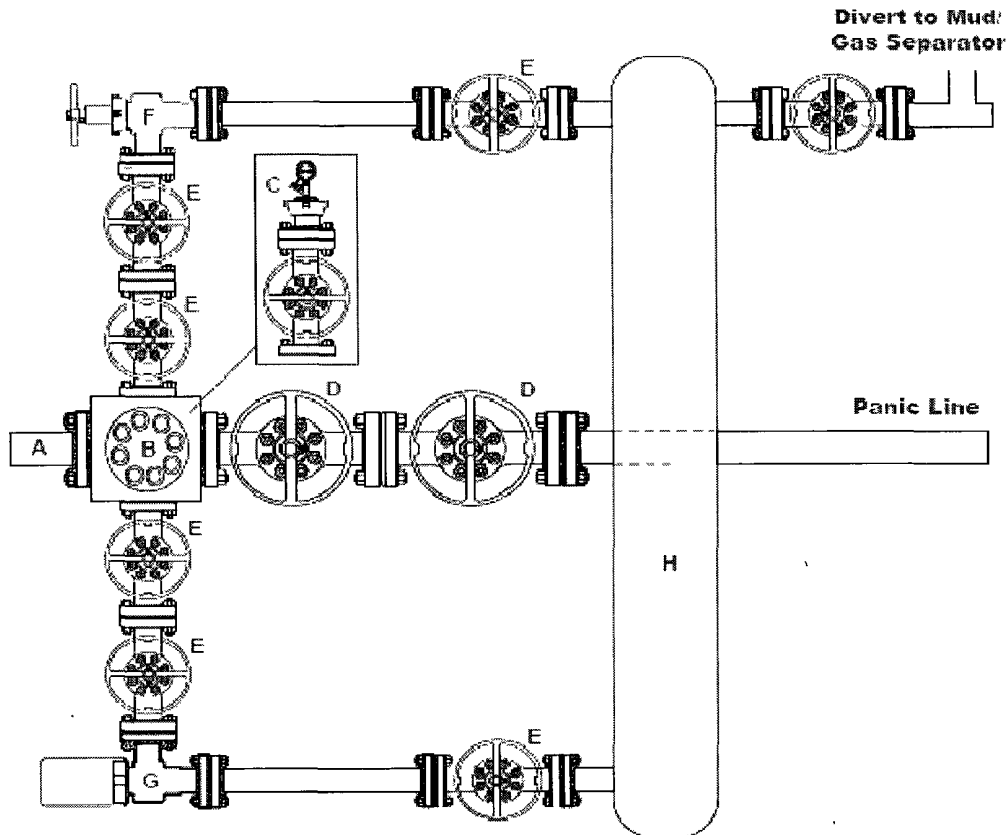
STATE :

REVISION : : / /

Component Descriptions

	Size	Pressure	Description
A	3 1/16"	5,000 psi	Steel
B	3 1/16" x 2 1/16"	5,000 psi	Block T
C	2 1/16"	5,000 psi	Top Valve
D	2 1/16"	5,000 psi	Gate Valve
E	2 1/16"	5,000 psi	Gate Valve
F	2 1/16"	5,000 psi	Manual Choke
G	2 1/16"	5,000 psi	Hydraulic Choke
H	8" minimum		Buffer Chamber

Description	Reference



Approved by

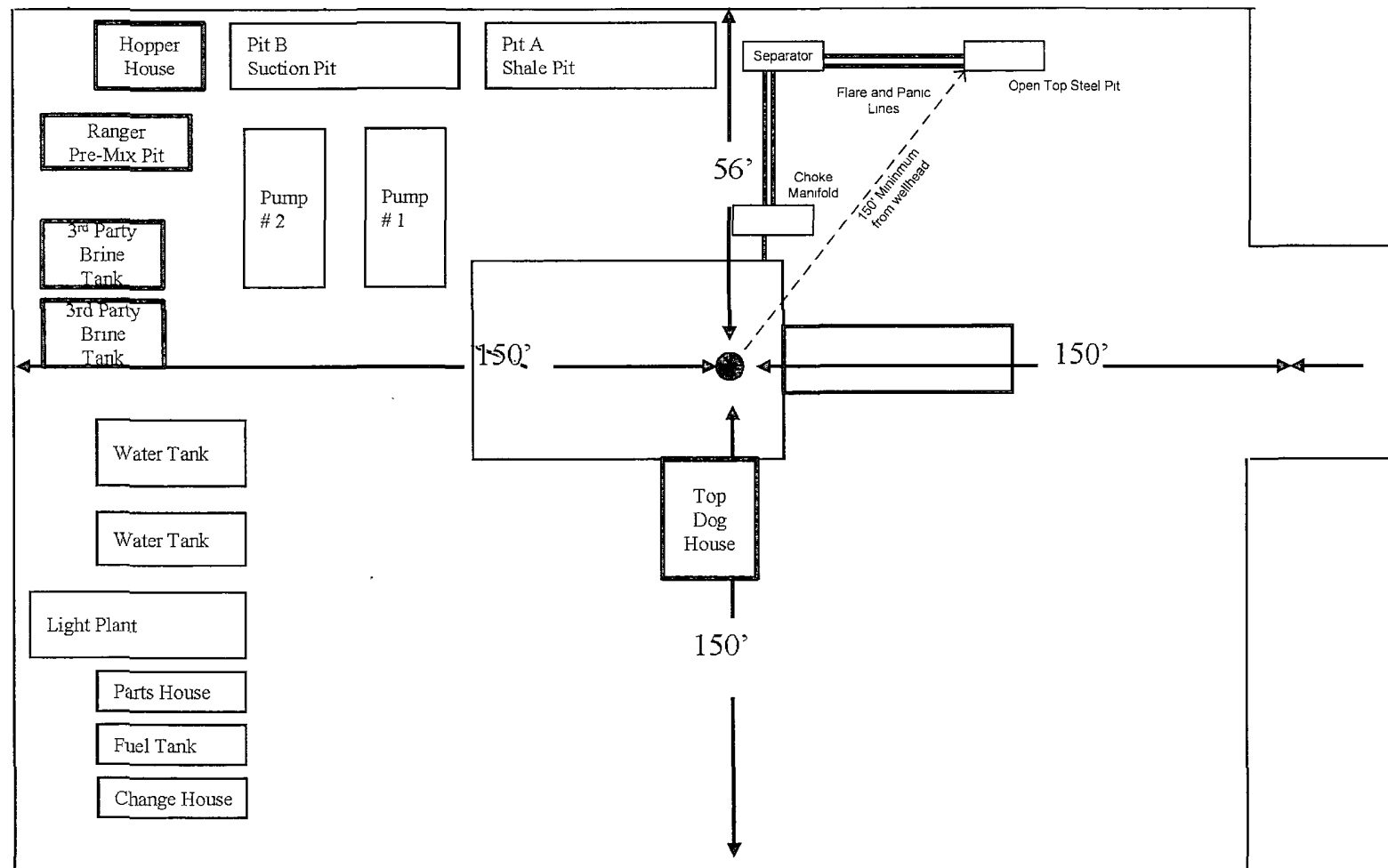
Date

EEV	
VP	
ESC	

EXHIBIT F2

RIG 62

EXHIBIT D



INTERNAL RECONNAISSANCE

CHESAPEAKE OPERATING, INC.



PLU Big Sinks 23-24-30 USA 1H
 Property # 640120
 Section 23 - T24S - R30E
 NW/NE 99 FNL & 1980 FEL of Section
 Lat: 32.210226 - Long: -103.848772
 Eddy County, New Mexico

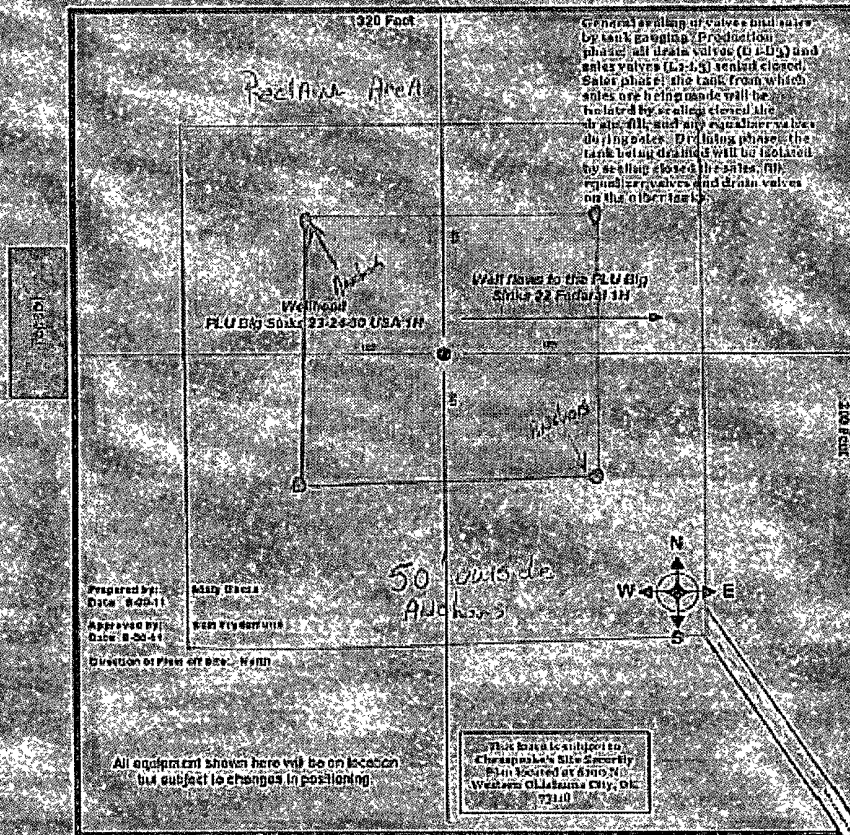


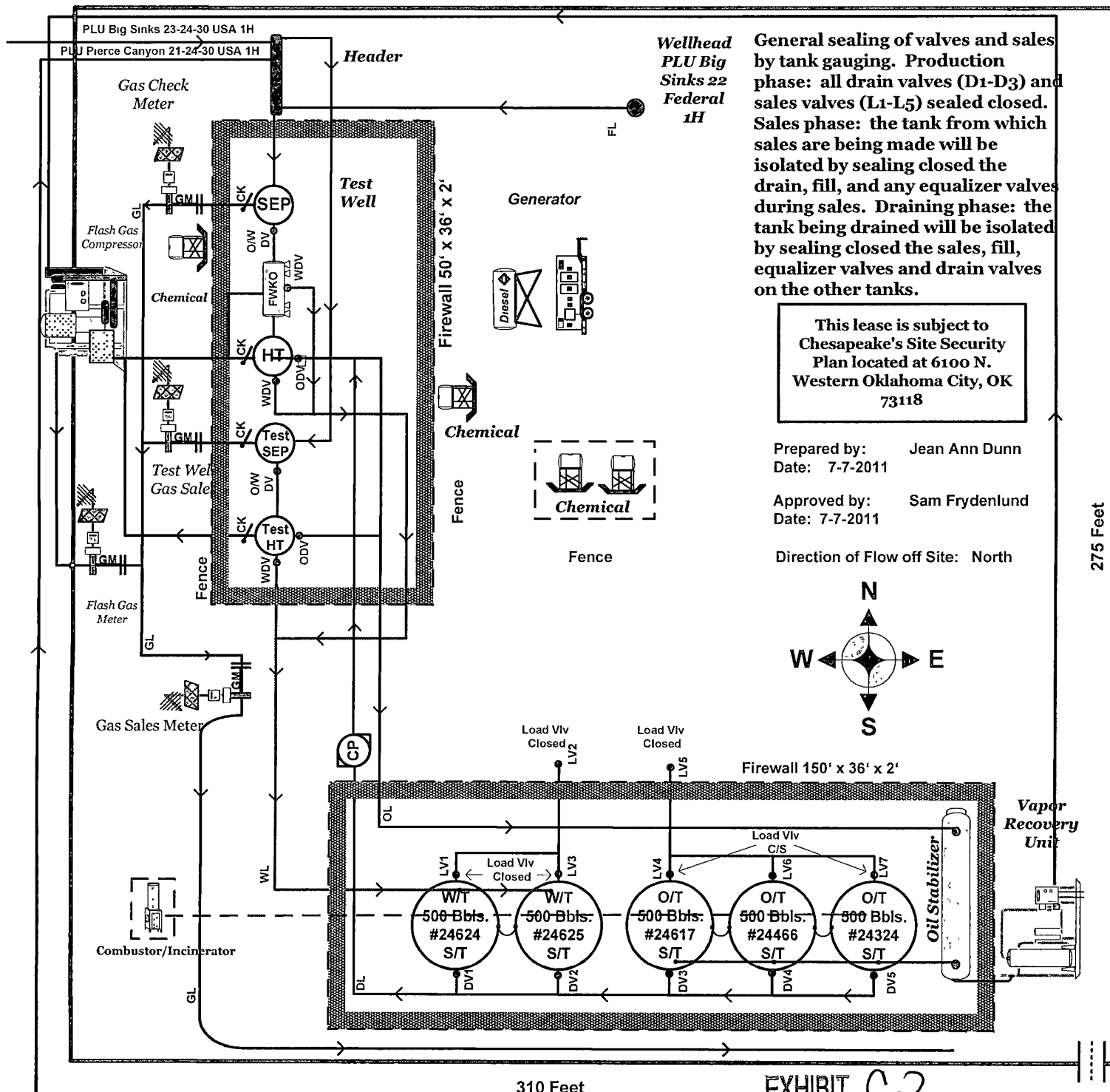
EXHIBIT H

CHESAPEAKE OPERATING, INC.



PLU Big Sinks 22 Federal 1H
 Property # 631298
 NW NE Section 22 – T24S – R30E
 175 FSL & 400 FEL
 Lat.: 32.209617– Long.: -103.861064
 Eddy County, New Mexico

All equipment shown here will be on location
 but subject to changes in positioning.



DISTRICT I --- CHECKLIST FOR INTENTS TO DRILL

38923

Operator CHEASADERKE OGRID # 147179
Well Name & # PLU BIG SINKS 23-24-30 USA #714 Surface Type (F) (S) (P)
Location: UL B, Sect 23, Township 24 s, RNG 30 e, Sub-surface Type (F) (S) (P)

- A. Date C101 rec'd 11/9/2011 C101 reviewed 11/14/2011
- B. 1. Check mark, Information is OK on Forms:
OGRID ☒, BONDING ☒, PROP CODE ☒, WELL # ☒, SIGNATURE ☒
2. Inactive Well list as of: 11/14/2011 # wells , # Inactive wells
a. District Grant APD but see number of inactive wells:
No letter required ☒, Sent Letter to Operator , to Santa Fe
3. Additional Bonding as of: 11/14/2011
a. District Denial because operator needs addition bonding:
No Letter required ☒, Sent Letter to Operator , To Santa Fe
b. District Denial because of Inactive well list and Financial Assurance:
No Letter required ☒, Sent Letter to Operator , To Santa Fe
- C. C102 YES ☒, NO , Signature
1. Pool W/40 CATG-06 S24 30 26'B, Code 96403
a. Dedicated acreage , What Units
b. SUR. Location Standard ; Non-Standard Location ☒
c. Well shares acres: Yes , No , # of wells plus this well #
2. 2nd. Operator in same acreage, Yes , No
Agreement Letter , Disagreement letter
3. Intent to Directional Drill Yes ☒, No
a. Dedicated acreage 160, What Units B-G-T-O
b. Bottomhole Location Standard ☒, Non-Standard Bottomhole
4. Downhole Commingle: Yes , No
a. Pool #2 , Code , Acres
Pool #3 , Code , Acres
Pool #4 , Code , Acres
5. POTASH Area Yes , No
D. Blowout Preventer Yes ☒, No
E. H2S Yes ☒, No
F. C144 Pit Registration Yes ☒, No
G. Does APD require Santa Fe Approval.
1. Non-Standard Location: Yes , No ☒, NSL #
2. Non-Standard Proration: Yes , No ☒, NSP #
3. Simultaneous Dedication: Yes , No ☒, SD #
Number of wells Plus #
4. Injection order Yes , No ☒, PMX # or WFX #
5. SWD order Yes , NO ☒, SWD #
6. DHC from SF ; DHC-HOB ; Holding
7. OCD Approval Date 11/9/2011 API #30-0 15-39633
8. Reviewers FOG