

1. Operator Name and Address CHESAPEAKE OPERATING, INC. P. O. BOX 18496 OKLAHOMA CITY, OK 731540496		2. OGRID Number 147179
		3. API Number 30-015-36585
4. Property Code 37367	5. Property Name WILLOW LAKE 10 STATE COM.	6. Well No. 001H

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	10	25S	28E	M	350	S	150	W	EDDY

WILLOW LAKE; DELAWARE, SW	96855
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9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 2948
14. Multiple N	15. Proposed Depth 8105	16. Formation Delaware	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic ☐ miles thick Clay ☐ Pit Volume: bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	450	0
Int1	12.25	9.625	40	2515	850	0
Prod	8.75	5.5	28	8105	800	2250

13 3/8" 48# H-40 ST&C Surf csng set @ 400' w/450 sxs Class C + additives. 14.8 ppg @ 1.34 yield. TOC-Surface. 9 5/8" 40# J-55
LT&C Int csng set @ 2515' w/ 850 sxs cmt. Lead-1.34 yield. TOC-Surface. 5 1/2" 17 # N-80 LTC Prod csng w/800 sxs. 1.6 yield
TOC-@2250'.

Type	Working Pressure	Test Pressure	Manufacturer
Hydrol	5000	5000	

Date: 9/4/2008	Phone: 817-556-5825
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District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
 Permit 80222

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-36585	2. Pool Code 96855	3. Pool Name WILLOW LAKE; DELAWARE, SW
4. Property Code 37367	5. Property Name WILLOW LAKE 10 STATE COM.	6. Well No. 001H
7. OGRID No. 147179	8. Operator Name CHESAPEAKE OPERATING, INC.	9. Elevation 2948

10. Surface Location

UL - Lot M	Section 10	Township 25S	Range 28E	Lot Idn	Feet From 350	N/S Line S	Feet From 150	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot O	Section 10	Township 25S	Range 28E	Lot Idn O	Feet From 350	N/S Line S	Feet From 1670	E/W Line E	County EDDY
12. Dedicated Acres 120.00		13. Joint or Infill		14. Consolidation Code Communitization		15. Order No.			

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

	OPERATOR CERTIFICATION <i>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(s) 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.</i> E-Signed By: Brenda Coffman Title: Sr. RegulatoryComp. Spec. Date: 9/4/2008		
	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: Gary Eidson Date of Survey: 7/3/2008 Certificate Number: 12641		

Permit Comments

Operator: CHESAPEAKE OPERATING, INC. , 147179

Well: WILLOW LAKE 10 STATE COM. #001H

API: 30-015-36585

Created By	Comment	Comment Date
busterarrant	C-102, Directional Drill Planning Report, NMOCD form C-144CLEZ, and NSL-5889 will be sent seperately by UPS.	8/13/2008