

PDM Prospect
Eddy Co, NM
Sec 16, 19S, 29E
KCS Medallion Resources, Inc.

Offset Well Reservoir Properties

Well	Sec	CTD	RR	UR	Gas Grav.	BHT	Sw	Phi	PI	Bgi	Pabn	Bga	MMCF/A"ft
Union TX #1	17O	5,214	2,075	7,289	0.644	167	22	8.6	4319	0.00407	800	0.02176	0.582
Parkway 17 #1	17G	1,873	1,147	3,020	0.654	165	20	9.8	2930	0.00471	800	0.02176	0.568
State 16-1	16F	1,482	0	1,482	0.669	158	26	8.5	4196	0.00396	800	0.02176	0.566
KCS well (Sec 16)	16M	0	1,012	1,012	0.649	176	20	9.2	4000	0.00412	800	0.02176	0.632

Note: Phi, Sw, and PI values for KCS well are an average of the following wells:

Well	Sec
Parkway St #1	15K
State 16-1	16F
Parkway 17 #1	17G
Union TX #1	17O
Parkway West #7	22C

NEW MEXICO
OIL CONSERVATION DIVISION

KCS EXHIBIT 8
CASE NO. 11925 (de novo)

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Map Circle Drainage Volumes

	Gas Vol Factor	Circle 1		Circle 2		Circle 3		Circle 4	
		Acre*ft	Gas Vol MMCF	Acre*ft	Gas Vol MMCF	Acre*ft	Gas Vol MMCF	Acre*ft	Gas Vol MMCF
Union TX #1	0.582	5,435	3,163	8,099	4,714	10,235	5,957	12,524	7,289
Parkway 17 #1	0.568	2,616	1,486	3,585	2,036	4,500	2,556	5,317	3,020
State 16 #1	0.566	1,004	568	1,684	953	2,680	1,482		
KCS well (Sec 16)	0.632	773	489	1,119	707	1,601	1,012		

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Map Circle Drainage Dates

Well/Location	Circle	BCF	Date
Union TX #1 17O, 19S, 29E	1	3,163	Jul-84
	2	4,714	May-94
	3	5,957	Feb-04
	4	7,289	Mar-23
Parkway 17 #1 17G, 19S, 29E	1	1,486	Jul-93
	2	2,036	Jul-99
	3	2,556	Mar-08
	4	3,020	Mar-28
State 16 #1 16F, 19S, 29E	1	568	Mar-80
	2	953	Apr-82
	3	1,482	Dec-95
KCS well (Sec 16) 16M, 19S, 29E	1	489	Mar-00
	2	707	Jul-01
	3	1,012	Oct-07

Assume Start 9/98

IP = 1.5 MMCFD

Decline = 41%