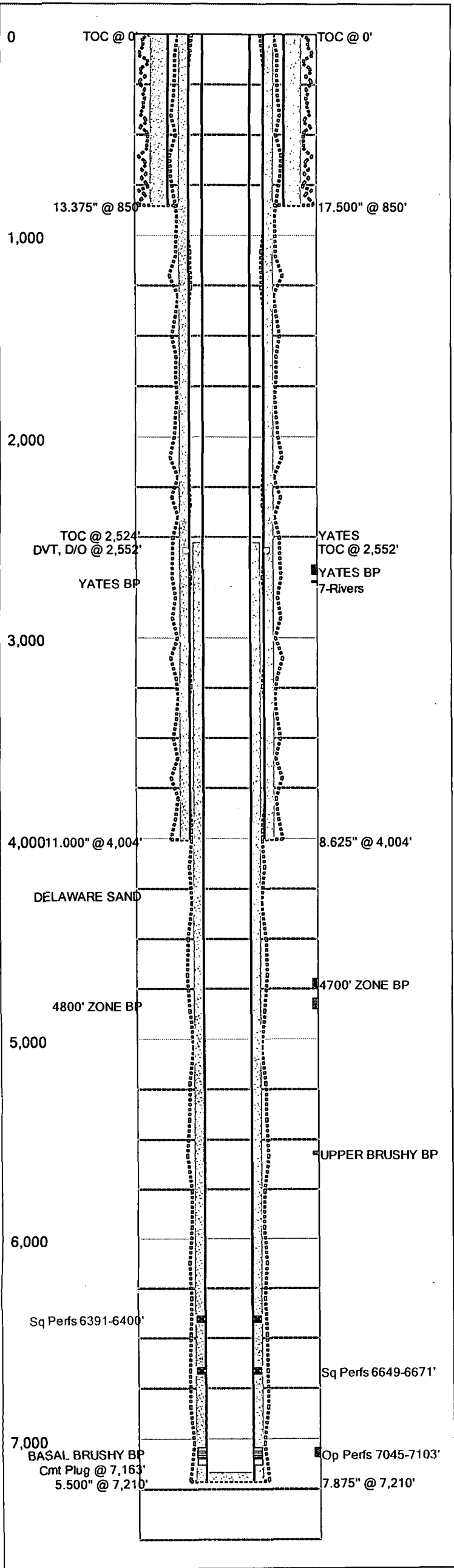




Last Updated: 5/13/2015 01:31 PM

Field Name		Lease Name		Well No.
Lusk West Delaware Unit		Lusk West Delaware Unit		912
County		State		API No.
Lea		New Mexico		30-025-33461-0000
Version		Version Tag		
2		Proposed		
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
		29	19S	32E
Operator		Well Status	Latitude	Longitude
Shackelford Oil Company				
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
1980	FSL	660	FWL	
Prop Num		Spud Date		Comp. Date
410-912				
Additional Information				
Other 1	Other 2	Other 3	Other 4	
Prepared By		Updated By		Last Updated
Shackelford		Shackelford		5/13/2015 1:31 PM

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	850	
	11.000	0	4,004	
	7.875	0	7,210	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	13.375	54.50	J-55	0	850
	Intermediate Casing	8.625	32.00	J-55	0	4,004
	Production Casing	5.500	15.50	J-55	0	7,210

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		675	13.375	0	850	Circ 260 sx to surf
		875	8.625	0	2,552	No Cement to Surface after 2nd stage
		450	8.625	2,552	4,004	
		1,260	5.500	2,524	7,210	Circ 266 sx to surf

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	DVT, D/O	8.625	0.000	2,552	0

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		5.500	7,163	7,210	

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Squeezed		6,391	6,400	9
		Squeezed	6700' ZONE	6,649	6,671	13
		Open		7,045	7,103	66

Formation Tops Summary

Formation	Top (TVD ft)	Comments
YATES	2,509	
7-Rivers	2,749	
DELAWARE SAND	4,276	

Field Name		Lease Name		Well No.	County		State		API No.	
Lusk West Delaware Unit		Lusk West Delaware Unit		912	Lea		New Mexico		30-025-33461-0000	
Version	Version Tag				Spud Date		Comp. Date		GL (ft)	KB (ft)
2		Proposed								
Section	Township/Block		Range/Survey		Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
29	19S		32E		1,980	FSL	660	FWL		
Operator			Well Status			Latitude		Longitude		Prop Num
Shackelford Oil Company										410-912
Other 1		Other 2			Other 3				Other 4	
Last Updated		Prepared By				Updated By				
05/13/2015 1:31 PM		Shackelford				Shackelford				
Additional Information										

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	850	
	11.000	0	4,004	
	7.875	0	7,210	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
	Surface Casing		13.375	54.50	J-55	0	850	
	Intermediate Casing		8.625	32.00	J-55	0	4,004	
	Production Casing		5.500	15.50	J-55	0	7,210	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		675	1.00	675	13.375	0	850		Circ 260 sx to surf
		875	1.00	875	8.625	0	2,552		No Cement to Surface after 2nd stage
		450	1.00	450	8.625	2,552	4,004		
		1,260	1.00	1,260	5.500	2,524	7,210		Circ 266 sx to surf

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	DV tool (drilled out)	8.625	0.000	2,552	0		

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		5.500	7,163	7,210	

Perforation Summary

C	Date	Perf. Status	Formation		Comments	
		Squeezed			1080 gal 15% Acid	
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
6,391		6,400	1	9		
C	Date	Perf. Status	Formation		Comments	
		Squeezed	6700' ZONE		1250 gal 15% Acid	
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
6,649		6,671		13		
C	Date	Perf. Status	Formation		Comments	
		Open				
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
7,045		7,050	3	15		
7,062		7,067	3	15		
7,072		7,074	3	6		
7,085		7,089	3	12		
7,093		7,096	3	9		
7,100		7,103	3	9		

Formation Top Summary

Formation Name	Top(TVD ft)	Comments
YATES	2,509	
7-Rivers	2,749	
DELAWARE SAND	4,276	

Behind Pipe Summary

C	Formation Name	Top (MD ft)	Bottom (MD ft)	Net Pay (ft)	Drain. Area(Acre)	Res. Pres. (psi)	Water Sat. (%)	Eff. Por. (%)	EUR Oil (MBO)	EUR Gas (MMCF)	Comments
	YATES	2,638	2,690	0	0	0	0.0%	0.0%	0	0	
	YATES	2,717	2,731	0	0	0	0.0%	0.0%	0	0	
	4700' ZONE	4,696	4,754	0	0	0	0.0%	0.0%	0	0	
	4800' ZONE	4,797	4,855	0	0	0	0.0%	0.0%	0	0	
	UPPER BRUSHY	5,556	5,580	0	0	0	0.0%	0.0%	0	0	

BASAL BRUSHY	7,043	7,093	0	0	0	0.0%	0.0%	0	0	
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