

WELL LOGS

K Z

API number:	30-025-38247		
OGRID:		Operator:	MEWBOURNE OIL CO
		Property:	QUAIL HOLLOW 20 STATE # 1

surface	ULSTR:	J	20	T	21S	R	35E
			1980	FSL	1980	FEL	

BH Loc	ULSTR:	J	20	T	21S	R	35E
			1980	FSL	1980	FEL	

Ground Level:	3630	DF:	3645	KB:	3646	
Datum:	KB			TD:	12800	

Land: STATE

Completion Date: (1) 8/11/2007
 Date Logs Received: 8/27/2007
 Date Logs Due in: (2)

Confidential:	NO			Date out:		
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Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
TD LD CN/GR	200	12801	Three Detector Litho-Density
HRLA	5608	12801	High Resolution Laterolog
BHC	4198	12518	Borehole Compensated Sonic
CBL	895	5615	Cement Bond Log
CBL	0	12733	Cement Bond Log

K Z

OCD TOPS

Rustler	1833	Strawn	11259		
Tansill		Atoka	11610		
Yates	3767	Morrow	12110		
7 rvs	4107				
Capitan Reef	4184	Austin			
		Chester			
Queen		Miss Lime			
Penrose					
Grayburg					
San Andres					
Delaware Sd					
Bone Spring	8030				
1st Sd	9150				
2nd Carb	9306				
2nd Sd	9718				
3rd Carb	10192				
3rd Sd	10539				
Wolfcamp	10649				

OPERATOR
WELL/LEASE
COUNTY

MEWBOURNE OIL CO.
QUAIL HOLLOW 20 STATE 1
LEA

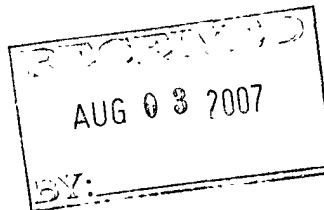
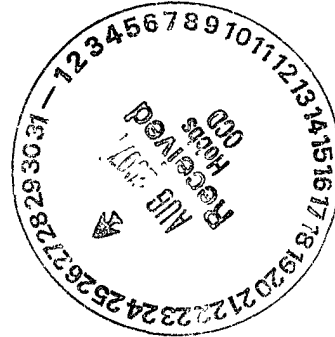
041-0051

J-20-21s-35e
1980/S & 1980/E

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-38247

289	0.50	5,866	1.50
600	0.25	6,268	1.50
932	0.75	6,677	1.00
1,166	0.75	7,151	1.50
1,421	0.25	7,528	1.25
1,671	0.25	7,937	1.25
1,930	0.75	8,375	0.75
2,153	1.25	8,722	1.00
2,280	1.50	9,192	1.00
2,407	0.75	9,670	0.25
2,662	1.25	10,230	1.00
2,853	1.00	10,723	0.75
3,107	2.00	11,173	2.00
3,235	2.25	11,329	2.25
3,372	2.00	11,419	1.75
3,489	3.00	11,634	2.25
3,585	2.75	11,728	3.75
3,713	2.50	11,820	3.50
3,904	2.00	11,914	3.25
4,095	1.50	12,008	3.50
4,327	0.88	12,132	3.50
4,472	1.25	12,286	3.50
4,396	1.61	12,800	3.00
4,422	1.32		
4,486	1.41		
4,550	1.14		
4,582	0.79		
4,614	0.35		
4,645	0.79		
4,677	1.32		
4,708	2.11		
5,289	2.00		



BY: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

July 30, 2007, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

