

**OWENS PETROLEUM SERVICES, LLC
DRILLER'S LOG**

Operator: Legend

Lease / Well #: Gillespie South #7

API #: 15-207-28190-0000 22-25-17

111
Judy
8/22/17

	Date		Date		Date		Date
Spud/Surface	8-20-12	Drilled to TD	8-22-12	Logged		1" / pump	
Set Surface	8-20-12	Run/Casing	8-22-12	Perforated		Lead Line/Elec	
Spud/Casing	8-21-12	Cemented LS	8-23-12	Frac		Closed Pit	

Purpose	Size Drilled	Size Pipe	Weight #/ft	Setting Depth	Cement	# Sacks	Additives
Surface:	11 3/8"	7"	new	22'	ashy	20	—
Casing:	5 1/2"	2 3/8"	used	863			
Frac:							

Driller's TD:	868 ft	Seat Nipple:	800 ft	Pipe TD:	863 ft	Fluid Volume:	bbis
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Surface Bit and Subs: 3.70'

Kelly: Top of Groove to Square: 22.60'

Footage Above Ground Level: 1 Total

FOOTAGE:

FORMATION:

Bit and Sub	FOOTAGE	FORMATION
Bit and Sub	1.9	
1st Collar	19.9	A rock pushed surface pipe cock eyed
2nd Collar	20.0	41.8
Joints 20.7'	62.5	S
2	83.2	S
3	103.9	S
4	124.6	L 137
5	145.3	L e S
6	166.0	L
7	186.7	L
8	207.4	L
9	228.1	L
10	248.8	S L 267
11	269.5	L S
12	290.2	L
13	310.9	L
14	331.6	L
15	352.3	L BILSHATE L
16	373.0	L
17	393.7	L
18	414.4	L - 434
19	435.1	S
20	455.8	S
21	476.5	S
22	497.2	S
23	517.9	S
24	538.6	S

Legend

LEASE/WELL# *Gibblespie South #7*

	FOOTAGE:	FORMATION:	
25	559.3	S	
26	580.0	L585 - 588 599	
27	600.7	L607 - 609 L611 -	
28	621.4	-622	
29	642.1	L658 - 660	
30	662.8	S	
31	683.5	L684 - 688 L692 -	
32	704.2	-715 L720 - 724	
33	724.9	S	
34	745.6	L748 - 765	
35	766.3	L769 - 769h L773 - 775 Log 779	
36	787.0	samples → L 800 806 - 807	
37	807.7	samples →	779-781 mostly shale slight odor
38	828.4	S	781-783 mostly sand - odor - show
39	849.1		783-785 mostly sand odor - show
40	869.8		785-787 mostly sand better oil show
41	890.5		787-789 mostly sand better oil show
42	911.2		789-791 mostly shale slight odor
43	931.9		791-793 shale
44	952.6		
45	973.3		807-809 sand & shale good odor
46	994.0		809-811 sand, some shale - good show
47	1014.7		811-813 good sand - good show
48	1035.4		813-815 good sand & show
49	1056.1		815-817 shale
50	1076.8	SIN 800 - 801	817-819 shale
51	1097.5		
52	1118.2		
53	1138.9		
54	1159.6		
55	1180.3	RTD 868	
56	1201.0		
57	1221.7	Fought every connection	
58	1242.4	due to surface being	
59	1263.1	cock eyed	
60	1283.8		
61	1304.5		
62	1325.2		
63	1345.9		
64	1366.6		
65	1387.3		
66	1408.0		
67	1428.7		
68	1449.4		
69	1470.1		
70	1490.8		