

# GPS CONSULTING SERVICES LLC

## GEOLOGICAL CONSULTING & WELLSITE SUPERVISION

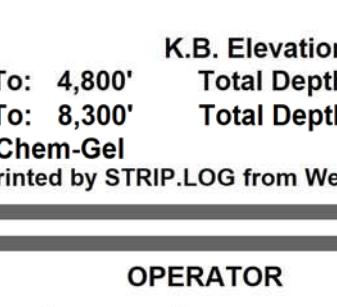
GREGG SMITH - GEOLOGIST

FRASER, COLORADO

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## Murfin Drilling Company Inc



Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Moonraker #6-27  
API: 05-073-06757  
Location: Sec. 27-10S-56W, Lincoln Co., CO  
License Number: COGCC Opr #61650  
Spud Date: 1/3/2019, 6:00 A.M.  
Surface Coordinates: 2300' FNL & 1500' FWL

Region: Wildcat  
Drilling Completed: 1/19/19, 2:15 p.m.

Bottom Hole Straight Hole  
Coordinates:  
Ground Elevation (ft): 5,462'  
Logged Interval (ft): 4,300 To: 4,800' K.B. Elevation (ft): 5,475'  
Logged Interval (ft): 6900 To: 8,300' Total Depth (ft): 8,300'  
Type of Drilling Fluid: Pre-Mix & Chem-Gel  
Total Depth (ft): 8,300'

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

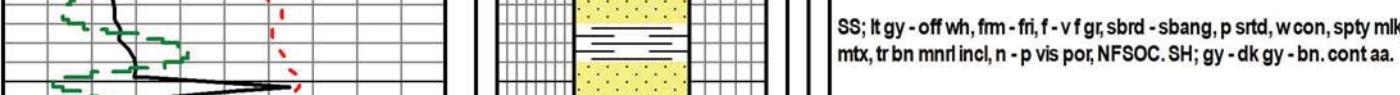
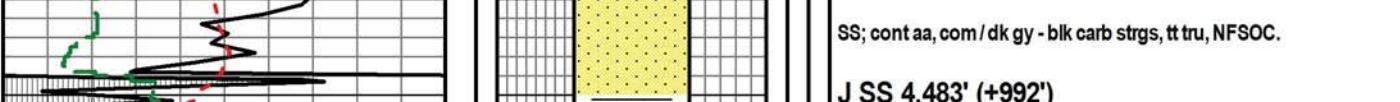
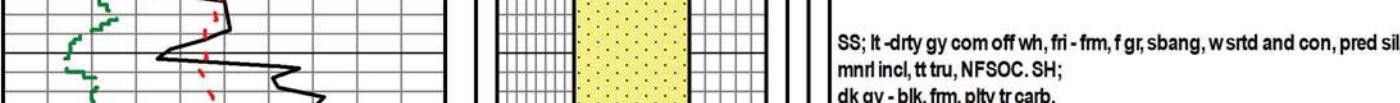
Company: Murfin Drilling Company, Inc.  
Address: 250 North Water, Suite #300  
Wichita, Kansas 67202

### GEOLOGIST

Name: Gregg Smith  
Company: GPS Consulting Services LLC  
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PO Box 388  
Fraser, CO 80442

### DSTs

DST #1, 7334' to 7402', Marmaton Fm., A,B,C zones  
DST #2, 7440' to 7490', Ft Scott, Lower Ft Scott



### D SS 4466' (+1029')

SS; gy - dry gy, fm - hd, f - v f gr, sbang pred / thn, blk carb strgs and prgs, tt tru, NFSOC.

SS; it-dry gy com off wh, fri - frm, f gr, sbang, w srtd and con, pred sil, tr mic blk mnf incl, tt tru, NFSOC. SH; gy - dk gy, fm - st, plty, dk gy - blk, frm, plty carb.

SS; cont aa, com / dk gy - blk carb strgs, tt tru, NFSOC.

J SS 4,483' (+992')  
SH; it gy, dft, plty, tr carb. SS; it gy, frm - v fri, f gr, sbang, w srtd and con, sil, tt tru, NFSOC. BENT; distinct inc amt, milky wh - it gy, sft, plty, occ mic mica, bg yel mnf flr.

SH; it gy - gy bn, sft, plty, sbfisocc f grty - sly tex, rr carb ip, SS; tr only cont aa, occ pyritic, tt tru.

SH; tan - lt bn - it gy, fm - sft, ss; tr only, off wh, fri, f - v f gr, sbang, w srtd and con, n vis por, NFSOC.

SS; it gy - off wh, frm - fri, f - v f gr, sbang, p - mod w srtd, tr p intrgr por, NFSOC. SH; gy - dk gy - bn, cont aa.

SH; gy - dk gy, frm, pred f sly - sdy, occ sl calc, com grad - arg SS, tt tru.

SH; gy - dry gy - off wh, com grad - arg SS, tr sply wh calc mtb, tt tru.

SH; gy - dk gy - dk bn, fm - sft, plty - sbblky, occ sly - sdy ip, tr scat carb frags, tt.

SH; gy - dk gy, fm - sft, plty, sbfis, tr carb ip, tr sly - sdy.

### Cheyenne 4717' (+758')

SS; tr only, wh - it gy, fri - frm, f gr, sbang - sbrd, mod w srtd and con, tr p intrgr por, NFSOC. SH; cont aa.

SS; 4760 SS; off wh - it gy, fri - frm, f gr, sbang, w srtd and con, cont aa, pred tt / tr p intrgr por, NFSOC. SH; gy - dk gy - blk, fm - sft, plty, tr gy gn, sft, sbwxy, rr carb.

SS; cont aa, tr / pyrite mtb, tt tru, NFSOC. SH; it gy - gy gn, sft, sbwxy, rr carb.

