

**CHARLES SCHMALTZ**  
CONSULTING GEOLOGIST  
WICHITA, KANSAS

REPORT  
LOC

COMPANY: **MURKIN DRILLING CO.**  
WELL: **CULWELL #1-15**  
FIELD: **JONES CANYON SOUTHEAST**  
LOCATION: **660' ENL 1900' ENL**

PRODUCTION:  
ELEVATION: **3141'**  
SEC: **15** TWP: **15** RGE: **37W**  
COUNTY: **CHEYENNE**  
STATE: **KANSAS**

DATE OF WORK: **APR 15-22-24-17**  
DRILLING: **KIRKMAN DRILLING CO. #20**  
LOGGING: **TRIMBLE TESTING, INC.**  
LOGGERS: **TRIMBLE TESTING, INC.**  
SUPERVISOR: **TRIMBLE TESTING, INC.**  
COURSE RECORD: **TRIMBLE TESTING, INC.**  
DATE: **APR 22**

FORMATION TOPS & STRUCTURAL POSITION  
ANHYDRITE-TOP: **3085**  
ANHYDRITE-BASE: **3117**  
NEVA: **3529**

FORMATION: **ANHYDRITE-TOP**  
FORMATION: **ANHYDRITE-BASE**  
FORMATION: **NEVA**

SHAPE TOP: **3085**  
SHAPE POSITION: **3117**  
SHAPE DEPTH: **3529**

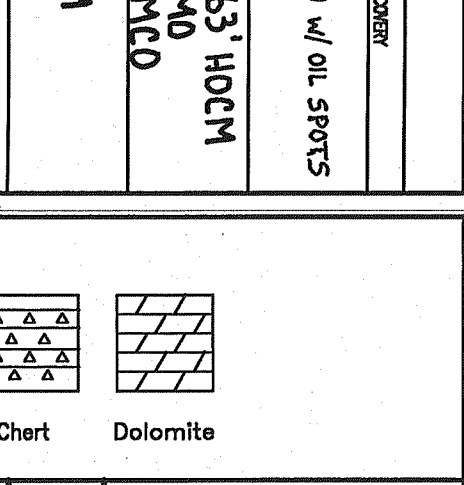
STRAIGHTENED DEPTH: **3085**  
STRAIGHTENED DEPTH: **3117**  
STRAIGHTENED DEPTH: **3529**

FORMATION: **FORAKER**  
FORMATION: **OREMO**  
FORMATION: **LANSHING**  
FORMATION: **STARK**  
FORMATION: **BKCL**  
FORMATION: **PAWNEE**  
FORMATION: **CHEROKEE**  
FORMATION: **LTD DEPTH**

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1	12/4	HTC	TELCP	225	2 1/2		
2	7/6	HTC	D5506	3400	3 1/2		
3	7/6	HTC	GA22	4670	12 1/2		

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