

Schlumberger

DIRECTIONAL LOG  
COMPUTED

SCHLUMBERGER

REF 6027

SCHLUMBERGER DIRECTIONAL SURVEY

NORTH 15 FEET

0 FEET

SOUTH 15 FEET

SOUTH 30 FEET

SOUTH 45 FEET

SOUTH 60 FEET

SOUTH 75 FEET

SOUTH 90 FEET

SOUTH 105 FEET

105 FEET WEST

UNION OIL OF CALIFORNIA

COVE FORT SULFURDALE 14-29

WILDCAT

MILLARD COUNTY UTAH

RUN NO. 1 1268 - 2062 27-JUN-79 6017

RUN NO. 2 2096 - 2448 7-JUL-79 6027

START OF SURVEY IS CASING AT 1240 FT.

RADIUS OF CURVATURE METHOD

JOB REFERENCE NUMBER 6027

COUNTY MILLARD  
FIELD or LOCATION WILDCAT  
WELL COVE FORT  
SULFURDALE UNIT 14-29  
COMPANY UNION OIL

COMPANY UNION OIL OF CALIFORNIA

WELL COVE FORT SULFURDALE UNIT 14-29

FIELD WILDCAT

COUNTY MILLARD STATE UTAH

LOCATION 2519.44' FSL, 442' FEL OF N.W. CORNER

Other Services:

Sec. 29 Twp. 25S Rge. 6W

Permanent Datum: GL ; Elev.: 6219  
Log Measured From KB 19.8 Ft. Above Perm. Datum  
Drilling Measured From KB

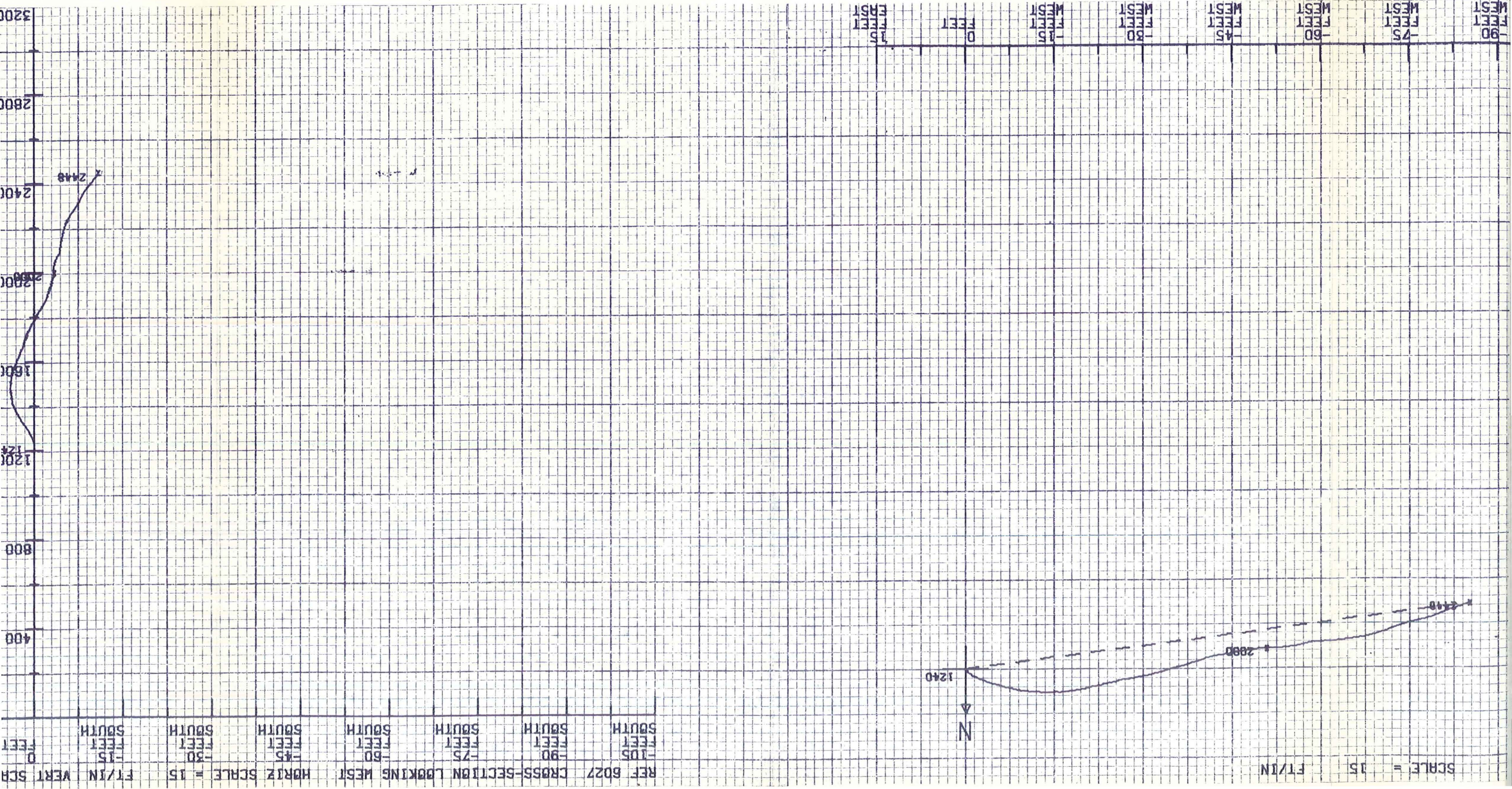
Elev.: K.B. 6238.8  
D.F. ----  
G.L. 6219

Date	7-7-79				
Run No.	TWO				
Depth-Driller	2620				
Depth-Logger	2467				
Btm. Log Interval	2466				
Top Log Interval	2088				
Depth intervals between shots -	100'				
Casing-Driller	9-5/8@ 2078 @ @ @				
Casing-Logger	----				
Bit Size	8-3/4				
Type Fluid in Hole	FRESH WATER				
Dens.	----				
Visc.	--				
pH	----				
Fluid Loss	-- ml				
Source of Sample	MUD TANK				
Rmf @ Meas. Temp.	1.22 @ 64 °F @ °F @ °F @ °F				
Rm @ BHT	---- @ -- °F @ °F @ °F @ °F				
Time Since Circ.	NA				
Max. Rec. Temp.	---- °F °F °F °F				
Equip. Location	7674 VERNAL				
Recorded By	VALENTI-ENYEART				
Witnessed By	IRVINE				

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

REMARKS: All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

6101055-DOC 7



REF 6027 CROSS-SECTION LOOKING WEST HORIZ SCALE = 15 FT/IN VERT SCR SCALE = 15 FT/IN

0 FEET SOUTH  
 -15 FEET SOUTH  
 -30 FEET SOUTH  
 -45 FEET SOUTH  
 -60 FEET SOUTH  
 -75 FEET SOUTH  
 -90 FEET SOUTH  
 -105 FEET SOUTH

N

1240

2890

2418

2418

0 FEET  
 -15 FEET  
 -30 FEET  
 -45 FEET  
 -60 FEET  
 -75 FEET  
 -90 FEET  
 -105 FEET

2800

2400

2000

1600

1200

800

400

0

3200

E = 400 FT/IN

15 FEET NORTH

REF 6027

CROSS-SECTION LOOKING NORTH

HORIZ SCALE = 15

FT/IN VERT SCALE = 400

15 FEET EAST

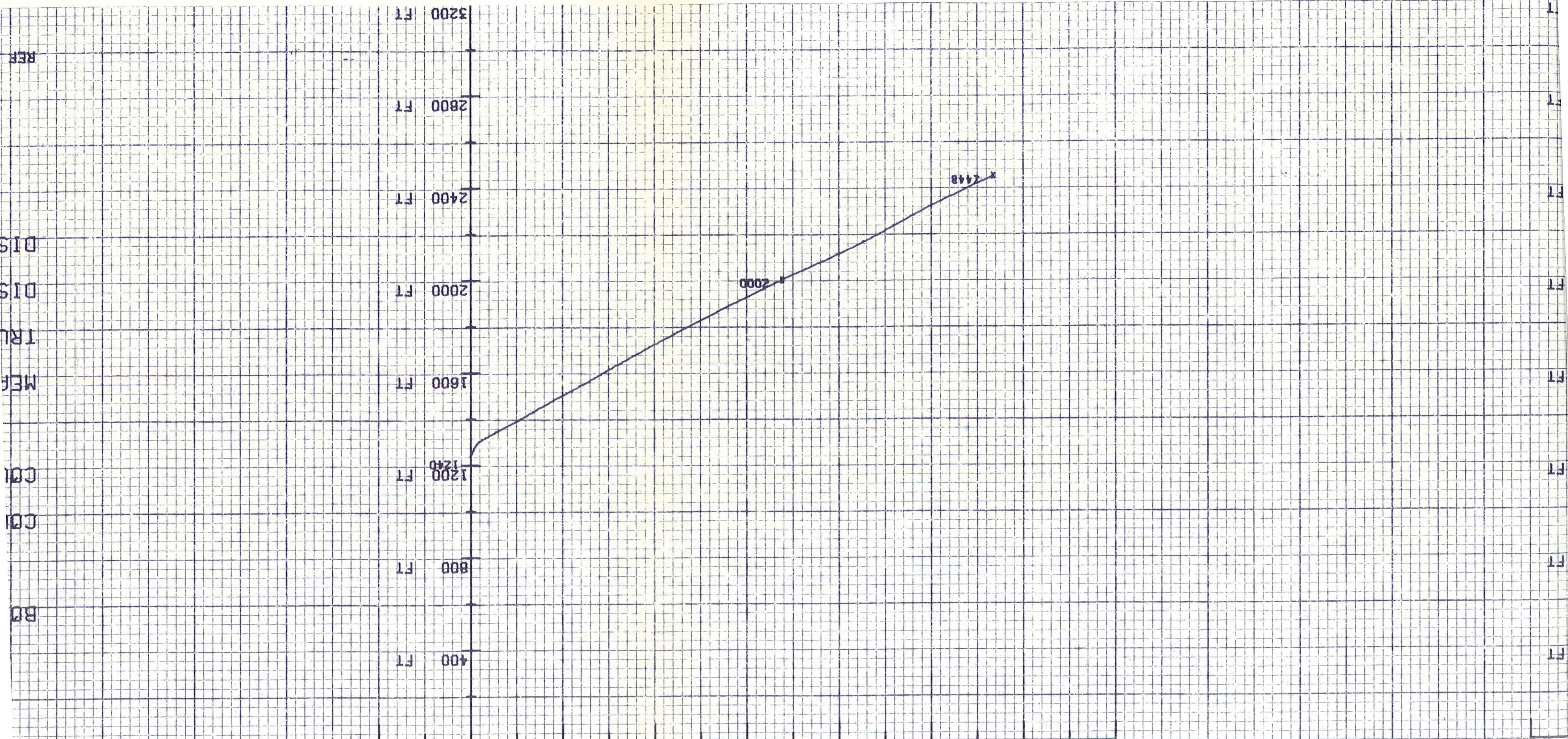
FT/IN

3200 FT  
2800 FT  
2400 FT  
2000 FT  
1600 FT  
1200 FT  
800 FT  
400 FT

DIS  
DIS  
TRU  
MEF  
COI  
COI  
BD  
EX

REF

EX



EXACT RADIUS OF CURVATURE METHOD

BOTTOM HOLE LOCATION

COURSE LENGTH 85.8 FEET  
 COURSE AZIMUTH 262.8 DEG.  
 MEASURED DEPTH 2448.0 FEET  
 TRUE VERTICAL DEPTH 2444.7 FEET  
 DISTANCE SOUTH 10.8 FEET  
 DISTANCE WEST 85.1 FEET

REF 6027

COMPANY	UNION OIL OF CALIFORNIA	SCHL. FR	2466
WELL	COVE FORT SULFURDALE UNIT 14-29	SCHL. TD	2467
FIELD	WILDCAT	DRLR. TD	2620
COUNTY	MILLARD	STATE	UTAH
		Elev: KB	6238.8
		DF	---
		GL	6219