

CG 34-31-65 + RD 1



**DUAL INDUCTION
LATEROLOG
COMPENSATED SONIC
LOG**

TVD LOG TVD

COMPANY: INDIANA & WYOMING ENERGY COMPANY
 WELL: BUCKEYE #34-31-65 (RD 1)
 FIELD: MISSOURI
 COUNTY: COLOMBIA
 STATE: MISSOURI
 Location: 2047.19' WEST & 661.60' NORTH
 OR: 118E SOUTH/EAST CORNER OF: C21/D25N/4E P193
 Sec: 31 Twp: 6N Rge: 5W
 Permanent Datum: CGS
 Log Measured From: 10' Ft Above Perm Datum
 Date: 8-22-91
 Run No: 085
 Depth-Driller: 1894' MD
 Btm Log Meter: 1892' MD
 Top Log Meter: 1809' TVD
 Casing-Driller: 8.63 @ 502' MD @
 Casing-Logger: 7.87' MD @ 503' TVD
 Bit Size: 7.875"
 Type Fluid in Hole: GEL-FOAM/SEWER
 Date 11/15/91: 10.11.49 ml
 Date 11/15/91: 10.01.5.6 ml
 Date 11/15/91: 1.8 @ 68' F
 Date 11/15/91: 2.0 @ 66' F
 Date 11/15/91: 1.6 @ 66' F
 Date 11/15/91: 1.5 @ 85' F
 Time Since Circ: 20:22
 Time On Bottom: 3:25 HOURS
 Main Pipe Temp: 85' F @
 Equip. Location: 1674.1 BHT
 1674.1 BHT
 Witnessed By: J. WAGGAMAN, D. HICKS, B. JINCHI

Part Number 26000

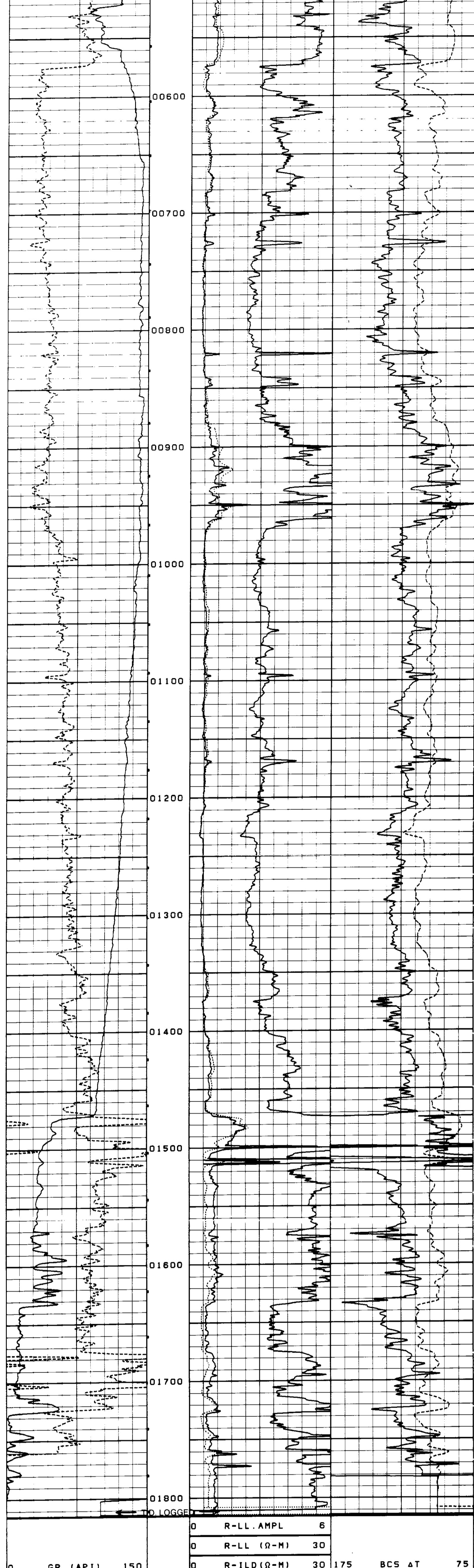
Service Ticket No.:	API Serial No.:	PGM Version:
Change in Mud Type or Additional Samples	RESISTIVITY/RWA SCALE CHANGES	COMPUTED FROM
Date	Type Log	Depth
Depth-Driller	Scale Up Hole	Scale Down Hole
Type Fluid in Hole		
Dens	Visc	
ph	Fluid Loss	
Source of Sample		
R _w @ Meas Temp	R _w @ Meas Temp	R _w @ Meas Temp
R _w @ Meas Temp	R _w @ Meas Temp	R _w @ Meas Temp
Source R _w	R _w	
R _w @ BHT	R _w @ BHT	R _w @ BHT
R _w @ BHT	R _w @ BHT	R _w @ BHT
R _w @ BHT	R _w @ BHT	R _w @ BHT

EQUIPMENT DATA			
GAMMA	ACOUSTIC	DENSITY	NEUTRON
Run No: ONE	Run No: ONE	Run No:	Run No:
Serial No: G-3231	Serial No: G-313	Serial No:	Serial No:
Model No: BA	Model No: BA	Model No:	Model No:
Diameter: 3.38"	No. of Cent: TWO	Diameter:	Diameter:
Detector Model No: NA	Spacing: TOP	Log Type:	Log Type:
Type: SCINI	BOTTOM	Source Type:	Source Type:
Length: 4.5'	LSA: <input type="checkbox"/> Yes <input type="checkbox"/> No	Serial No:	Serial No:
Distance to Source: NA	FWDA: <input type="checkbox"/> Yes <input type="checkbox"/> No	Strength:	Strength:

LOGGING DATA													
GENERAL			GAMMA				ACOUSTIC			DENSITY		NEUTRON	
Run No	From	To	Speed	Scale		Scale		Scale		Scale			
ONE	TD	CSC	45	L	R	L	R	Matrix	L	R	Matrix		
				0	150	175	275	55.6					

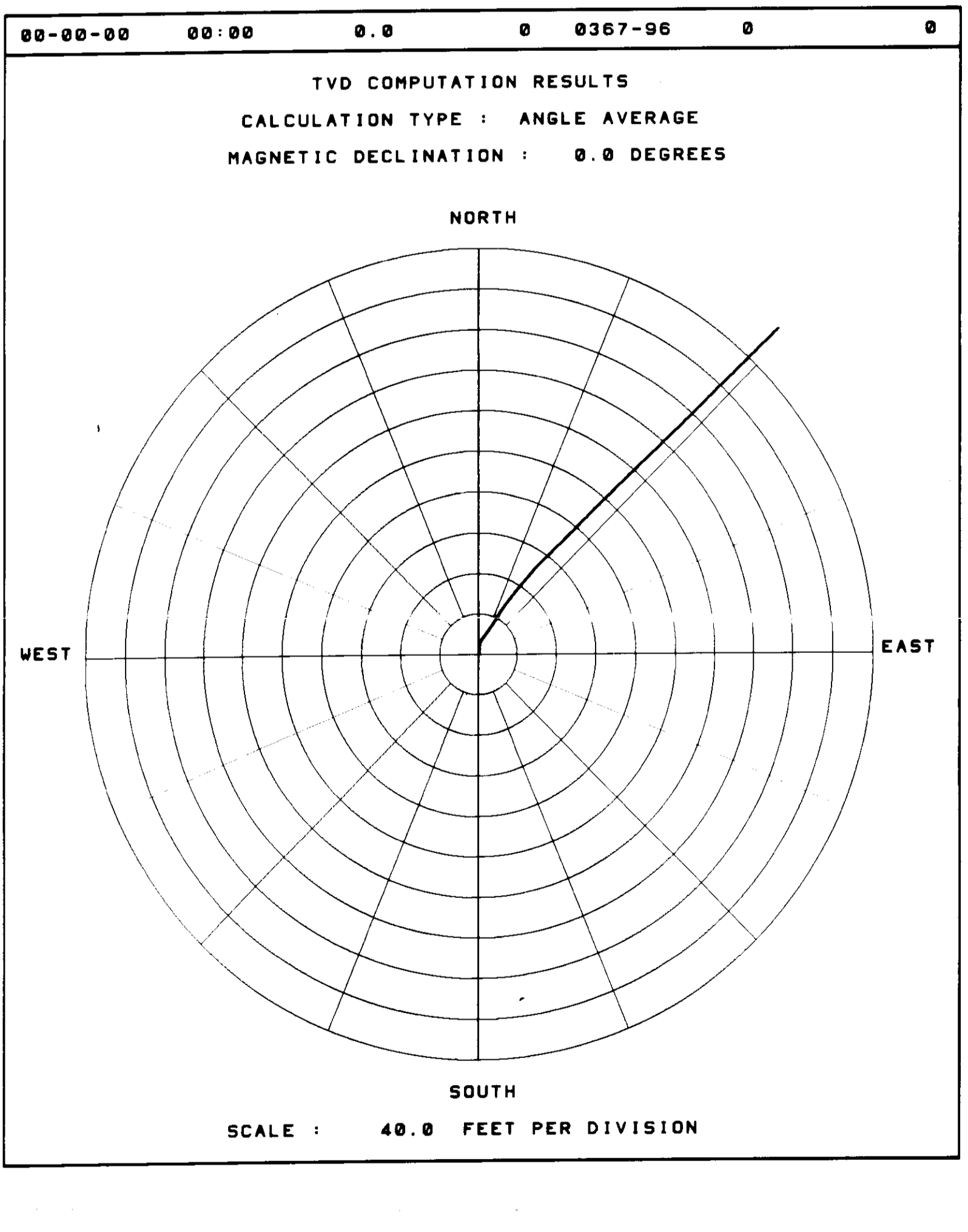
REMARKS: TAYLOR DRILLING

08-22-91 21:03 491.4 68247 0367-96 0 1



08-22-91 20:31 1814.4 68247 0308-99 0 1

00-00-00 00:00 0.0 0 0367-96 0 0



00-00-00 00:00 0.0 0 0367-96 0 0

TVD COMPUTATION RESULTS
 CALCULATION TYPE: ANGLE AVERAGE
 MAGNETIC DECLINATION: 0.0 DEGREES

STATION #	MEAS DEPTH FEET	TVD DEPTH FEET	INCLIN DEG	AZIMUTH DEG	NS FEET	EW FEET	DOGLEG SEVERITY /100 FT	CLOSURE FEET
1	0.0	0.0	0.00	0	0.0	0.0	0.00	0.0
2	567.0	566.9	2.00	2	9.8	0.3	0.35	9.9
3	626.0	625.8	3.75	35	12.6	1.2	3.97	12.6
4	780.0	778.7	9.50	37	26.9	11.6	3.73	29.3
5	843.0	840.6	11.00	31	36.1	17.8	2.92	40.3
6	906.0	902.0	14.50	35	47.7	25.3	5.73	54.0
7	1062.0	1049.7	23.00	46	85.8	57.8	5.88	103.5
8	1277.0	1247.6	23.00	47	143.6	118.7	0.18	186.3
9	1902.0	1817.4	25.50	46	320.2	304.9	0.40	442.2

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