Permit # 20152

601532

GEARHART

COMPENSATED DENSITY COMPENSATED NEUTRON LOG

FILING NO.

COMPANY: ~~ODYSSEY JOINT VENTURE~~ Landmark Production, Inc.

WELL: H. BAILEY NO. 1

FIELD: WILDCAT

COUNTY: CASS STATE: MISSOURI

LOCATION: 1367' FSL & 2475' FWL

OTHER SERVICES: DIL, WEL, X-PLOT

SEC 35 TWP 44N RGE 33W

PERMANENT DATUM: GL ELEV. 882

LOG MEASURED FROM: GL 0 FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM: GL

ELEV.: K.B. -- D.F. -- G.L. 882

Date	3-21-81
Run No.	One
Depth-Driller	610
Depth-Logger	608
Bottom logged interval	607
Top logged interval	50
Type fluid in hole	Formation Fluid
Density / Visc.	-- / --
pH / Fluid Loss	-- / --
Max rec. temp., deg F	-- °F
Source of Sample	--
Rm @ Meas. Temp.	-- @ -- °F
Rmf @ Meas. Temp.	-- @ -- °F
Rmc @ Meas. Temp.	-- @ -- °F
Source Rmf / Source Rmc	-- / --
Time: End Circulation	Air Drilled Hole
Time: Logger on Bottom	1038 Hours
Recorded By	Moffett
Witnessed By	Mr. Natrass

RECEIVED SEP 02 1982 MO. OIL & GAS COUNCIL

Bore Hole Record: Run No.	Bit	From	To	Casing Record: Size	Wgt.	From	To
One	6 1/4	40	610	7	--	Surface	40

EQUIPMENT DATA

Run No.	Logging Unit	Location	Gamma Ray Tool No.	Compensated Density Tool No.	Source No.	Source Type	Source Stg.	Compensated Neutron Tool No.	Source No.	Source Type	Source Stg.
One	7104	Coffeyville	4225	2428	CSV 521	Cs-137	2 Cu.	9256	712A-261	AmBe 241	20 Cu.

CALIBRATION DATA

Run No.	Gamma Ray Bkg cps	Std cps	Magnesium L.S.	Magnesium S.S.	Aluminum L.S.	Aluminum S.S.	Test Block L.S.	Test Block S.S.	Caliper L. Ring	Caliper S. Ring	Neutron Calibrator L.S.	Calibrator S.S.	Caliper L. Ring	Caliper S. Ring
One	35	120	896.3	605.8	196.6	407.2	--	--	6981	3477	--	--	7110	3615

LOGGING DATA

Run No.	Depth From	Depth To	Speed FPM	Gamma Ray TC	API per Log Div	Density T.C.	Matrix Density	Fluid Density	Neutron T.C.	Matrix Type	Const. "K"	Temp Grad	Salinity PPM NaCl	Surf Temp
One	607	50	45	W/A	15	W/A	2.71	1.0	W/A	Lm.	.995	1.1°/100'	--	68°

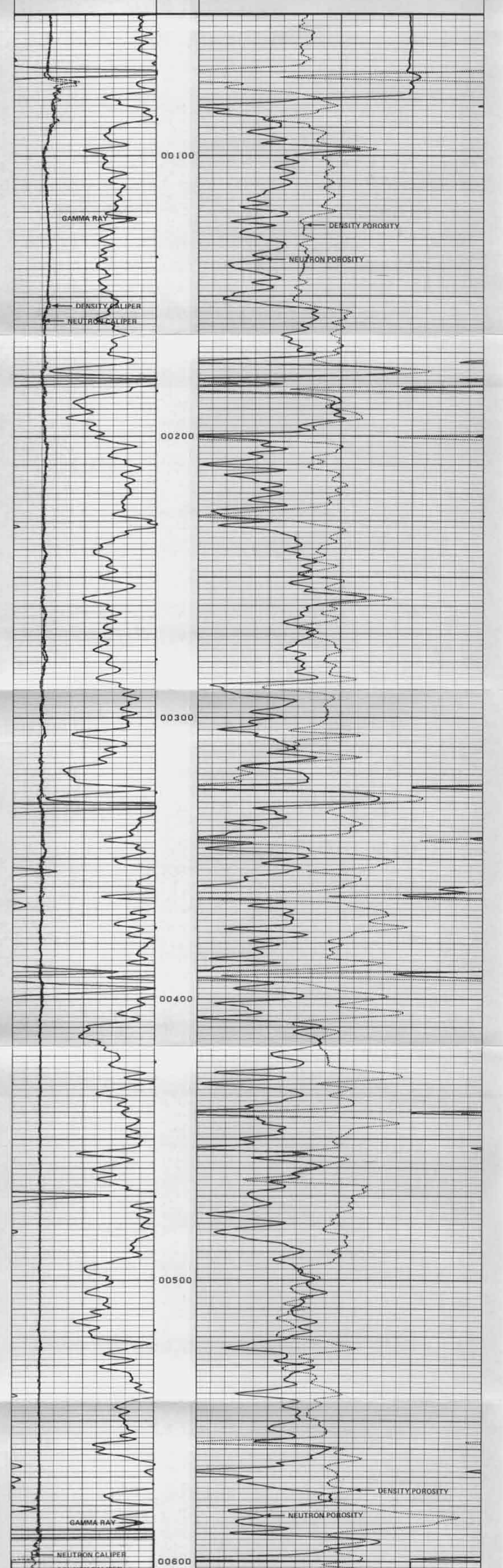
REMARKS: Air Drilled Hole

NOTICE: 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, costs, 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 our General Terms and Conditions as set out in our current Price Schedule.

GEARHART INDUSTRIES, INC.

03-21-81 11:10 49.5 150752 0047-22 0 4

0 GR API 150
4 CALIPER X 14 | 30 ø(CDL) -10
4 CALIPER Y 14 | 30 ø(CNS) -10

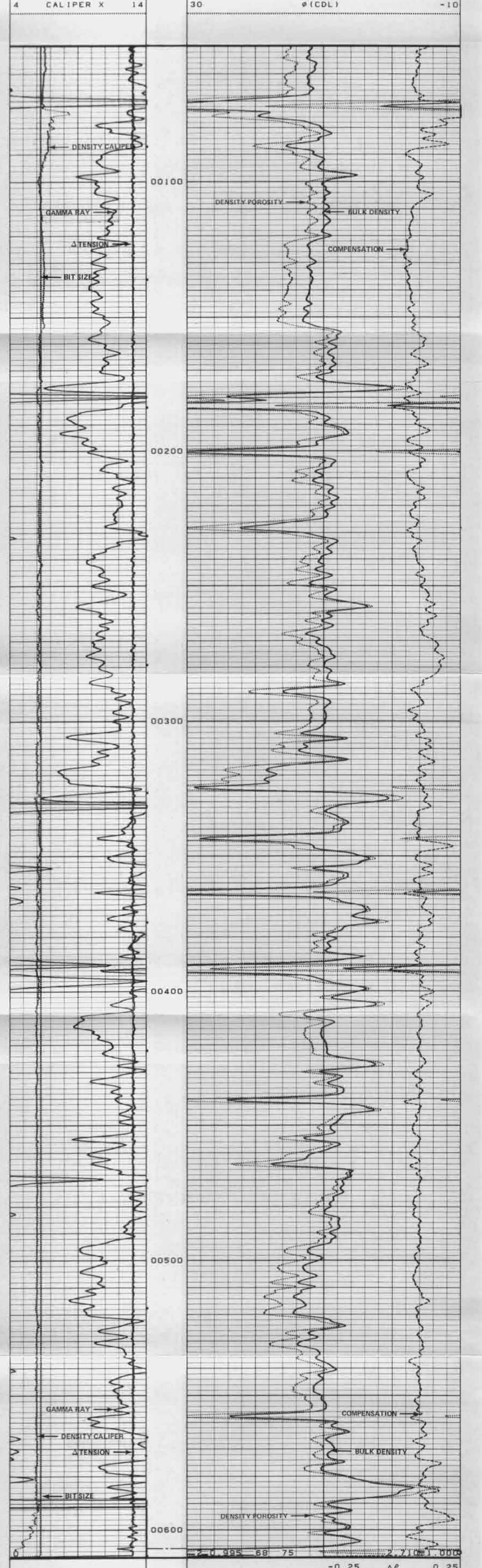


0 GR API 150
4 CALIPER X 14 | 30 ø(CDL) -10
4 CALIPER Y 14 | 30 ø(CNS) -10

03-21-81 11:01 610.0 150752 0047-22 0 4

03-21-81 11:10 49.5 150752 0047-22 0 4

-0.25 Δρ 0.25
0 GR API 150 | 2.00 ρ(B) 3.00
4 CALIPER X 14 | 30 ø(CDL) -10



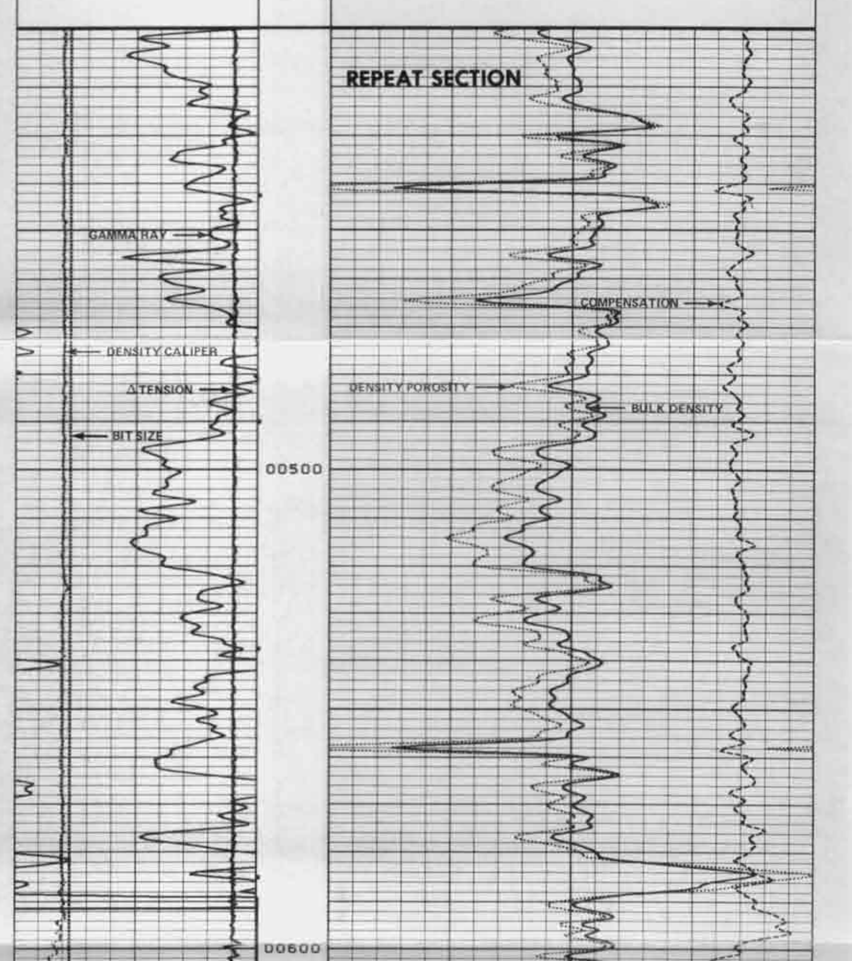
-0.25 Δρ 0.25
0 GR API 150 | 2.00 ρ(B) 3.00
4 CALIPER X 14 | 30 ø(CDL) -10

03-21-81 11:02 610.0 150752 0047-22 0 4

Company	ODYSSEY JOINT VENTURE
Well	H. BAILEY NO. 1
Field	WILDCAT
County	CASS State MISSOURI
GO FR	607
GO TD	608
DRLR TD	610
Elev: KB	--
DF	--
GL	882

03-21-81 10:48 407.5 150752 0047-22 0 2

-0.25 Δρ 0.25
0 GR API 150 | 2.00 ρ(B) 3.00
4 CALIPER X 14 | 30 ø(CDL) -10

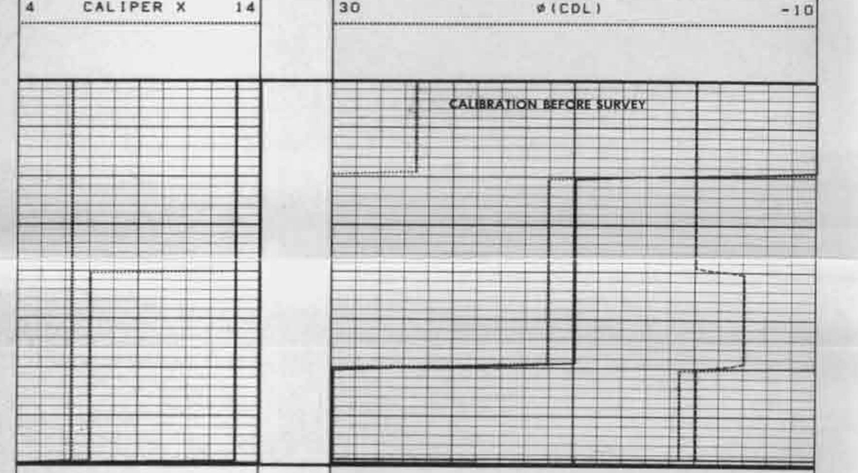


-0.25 Δρ 0.25
0 GR API 150 | 2.00 ρ(B) 3.00
4 CALIPER X 14 | 30 ø(CDL) -10

03-21-81 10:47 610.0 150752 0047-22 0 2

03-21-81 10:43 610.0 150752 0047-22 0 0

-0.25 Δρ 0.25
0 GR API 150 | 2.00 ρ(B) 3.00
4 CALIPER X 14 | 30 ø(CDL) -10

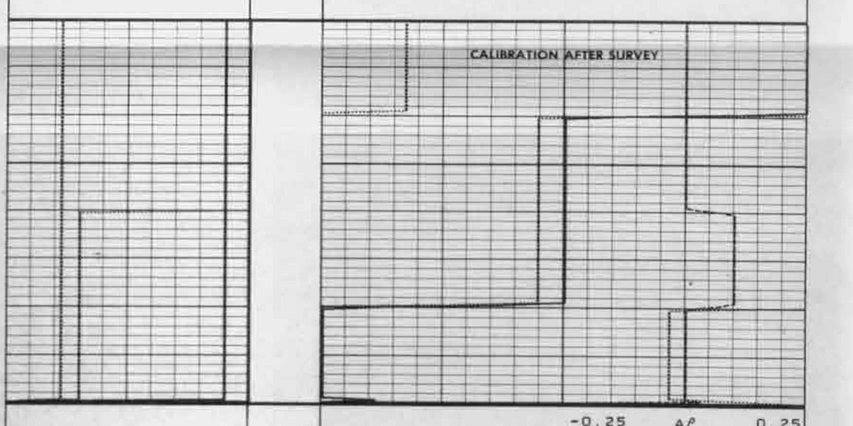


-0.25 Δρ 0.25
0 GR API 150 | 2.00 ρ(B) 3.00
4 CALIPER X 14 | 30 ø(CDL) -10

03-21-81 10:43 610.0 150752 0047-22 0 0

03-21-81 11:12 50.0 150752 0047-22 0 4

-0.25 Δρ 0.25
0 GR API 150 | 2.00 ρ(B) 3.00
4 CALIPER X 14 | 30 ø(CDL) -10



-0.25 Δρ 0.25
0 GR API 150 | 2.00 ρ(B) 3.00
4 CALIPER X 14 | 30 ø(CDL) -10

03-21-81 11:12 50.0 150752 0047-22 0 4