COMPANY: AMAX EXPLORATION INCORPORATED OPERATOR
WELL: 66-8
FIELD: WILDCAT
COUNTY: CHURCHILL STATE: NEVADA

Welex
A Halliburton Company

COMPENSATED DENSITY LOG
NEUTRON

Other Services: DUAL INDUCTION LATEROLOG

Permanent Datum: GROUND LEVEL Elev.: 3,978
Log Measured From: KELLY BUSHING 12 Ft. Above Perm. Datum
Drilling Measured From: KELLY BUSHING

Date	8-14-69	8-14-69	
Run No.	ONE	ONE	
Depth-Driller	2390	2390	
Depth-Logger	2392	2392	
Bottom Logged Interval	2392	2392	
Top Logged Interval	700	700	
Type Fluid in Hole	GEL CHEM	GEL CHEM	
Salinity, PPM Cl			
Density	9.2	9.2	
Level	FULL	FULL	
Max. Rec. Temp. Deg. F.	100	100	
Operating Rig Time	5 HRS	5 HRS	
Recorded By	R. PEERY	R. PEERY	
Witnessed By	CHURCHILL	CHURCHILL	

EQUIPMENT DATA

GAMMA RAY		GAMMA VELOCITY	
Run No.	ONE	Run No.	ONE
Tool Model No.	102-A	Log Type	CONV. TCS
Owner	OWP	Tool Model No.	5-218
Detector Model No.	10-78	Diameter	3 5/8
Type	SCINT.	Detector Model No.	5-21
Length	N/A	Type	SCINT.
Distance to Source	240"	Length	N/A
		Source Model No.	5C
GENERAL		Serial No.	DCS-83
Base Truck No.	8586	Spacing	N/A
Simulator's Truck No.	8586	Type	Ce 137
Base Serial No.	20092	Strength	50 mc
AGL/BG	17/42		
MAN'D. REV.	2000		

LOGGING DATA

GENERAL					GAMMA RAY					GAMMA DENSITY			
Run	Depth		Speed	T.C.	Sens.	Zero	TAPES R Units	T.C.	Sens.	Zero	Dens.
	Depth Log	Depth Tool	F/Min.	Sec.	Setting	Det. Log Off	Det. Log On	Sec.	Setting	Det. Log Off	per cu. ft.
ONE	2392	702	25	1	200	2-1	3C		1.1,65-2.65 93-1		.05

Reference Literature: WELEX SUB 21009

Service Ticket No. 055269 Remarks: TOOL STUCK AT 2390' PULLED OVER 2500 lbs. from 2390 TO 2370 TO GET FREE.

Welex does not guarantee the accuracy of any interpretation of log data, conclusion of log data to physical rock parameters or reservoir conditions which may be given by Welex personnel which may appear on the log or in any other form. Any user of such data, interpretations, conclusions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

2" = 100'

GAMMA
API Gamma Ray Units 40 240

CALIPER
Average Diameter In. 6 14

GAMMA
API Gamma Ray Units 40 240

BULK DENSITY
Grams/cc (when $\frac{Z}{A} = 0.5$)

CORRECTION GMS/CC
+.25 0 -.25

1.65 2.15 2.65

2" = 100'

60 POROSITY (%) DENSITY 0

60 POROSITY (%) NEUTRON 0

NEUTRON POROSITY

CORRECTION CURVE

DENSITY CURVE

NEUTRON POROSITY

CALIPER

GAMMA

DUAL INDUCTION LATEROLOG

700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300

FLUID LEVEL

CALIPER

GAMMA

NEUTRON POROSITY

CORRECTION CURVE

DENSITY CURVE

DUAL INDUCTION LATEROLOG

60 POROSITY (%) NEUTRON 0

60 POROSITY (%) DENSITY 0

CALIPER
Average Diameter In. 6 14

GAMMA
API Gamma Ray Units 40 240

1.65 2.15 2.65

+.25 0 -.25
CORRECTION GMS/CC

BULK DENSITY
Grams/cc (when $\frac{Z}{A} = 0.5$)

CALIPER

AMAX EXPLORATION INCORPORATED OPERATOR
66-8
MCCOY PROPERTY-WILCAT
CHURCHILL COUNTY, NEVADA

T.D. LOGGED 2362
T.D. DRILLER 2510
T.D. WELEX 2390