COMPANY PHILLIPS PETROLEUM COMPANY
WELL "Cox" I-1
FIELD Steamboat Springs
LOCATION Sec. 32, T18N-R20E, MDB&M
1900' WEL, 2400' NSL
COUNTY Washoe STATE Nevada
ELEVATION 5045' (KB) 5023' (GL)
API WELL INDEX NO.
SPUD DATE 4/1/81 TIME 3 pm
LOG DATES 4/1/81 TO 5/7/81
LOG DEPTHS 60' TO 3471'
LOGGING GEOLOGISTS Darby K Vickery, John Reay, Gary Netzley, Jon Mulder, Bill Schwessinger
ENERGYLOG UNIT Blackfoot
CO. GEOLOGIST Bill Desormier
CO. ENGINEER
CO. PUSHER Sheldon Hopkins
DRILLING CO. H & W Drilling
RIG No. 1 PUSHER Virgil Welch/Dan Fields
MUD COMPANY Professional Drilling Company
MUD ENGINEER Jerry Bewick
MUD TYPE Cypan/Benex

HOLE SIZE	26"	TO	383'
	17 1/2"	TO	1822'
	12 1/4"	TO	3162'
	8 3/4"	TO	3471'
CASING SIZE	20"	TO	383'
	13 3/8"	TO	1787'
		TO	

PUMPS: No. 1 Oilwell PT-850 6"x 9"
No. 2 Oilwell PT-850 7"x 9"

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ENERGY WELL LOGGING SERVICE

LITHOLOGY SYMBOLS

CHERT, VOLCANICS, INTRUSIVE, LIMESTONE, DOLOMITE, GYPSUM AND ANHYDRITE, SALT, COAL AND LIGNITE, CLAY, SHALE, SILTSTONE, SANDY SILTST, SAND, CMTD SS, CONGLOMERATE

Siliceous Sinter, Meta-sediments

MUD DATA

W	WEIGHT
V	VISCOSITY
F	FILTRATE
FC	FILTER CAKE
Sd	SAND % VOL
S	SALINITY ppm Cl⁻
Sol	SOLIDS % VOL
T	TEMPERATURE ° Fahrenheit
Rm	RESISTIVITY OF MUD
Rf	RESISTIVITY OF FILTRATE

OTHER DATA

TG	TRIP GAS
STG	SHORT TRIP GAS
CG	CONNECTION GAS
CR	CIRCULATED RETURNS
NR	NO RETURNS
LAT	LOGGED AFTER TRIP
C	CARBIDE
DST	DRILL STEM TEST
]	DST INTERVAL
[	CORE INTERVAL
◢	CASING POINT

DRILLING DATA

NB	NEW BIT
RRB	RERUN BIT
CB	CORE BIT
WOB	WEIGHT ON BIT (lbs.)
RPM	ROTARY REVS/MIN
Pp	PUMP PRESSURE (psi)

OIL based on live oil in unwashed cuttings, mud, and % staining of washed cuttings.
GAS detector calibration records 100 units with a mixture of 2% by volume methane in air.
DEPTHS derived from drillers pipe measurements.

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GEOTHERMAL
DRILL RATE (FT/HR) AND DATA

LITH | DEPTH | DRILLING FLUID PROPERTIES: PHYSICAL CHARACTERISTICS (FLUID: MUD ☒ AIR ☐; TEMP (OUT); TEMP (IN) ☒ PRESS (IN) ☐ 50 100 150; RM (OUT) ☒ MOIST (OUT) ☐ Rm (in) 0 2.0 4.0 6.0) | GAS ANALYSIS (CO₂ PPM 0 100 1000 10M; H₂S PPM 0 100 1000 10M; DITCH GAS 0 (units) 100 1000 10M) | PETROGRAPHY AND REMARKS

PHILLIPS PETROLEUM COMPANY : "Cox" I-1 Steamboat Springs: Sec. 32, T18N,R20E; MDB&M; Washoe County, Nevada.

GEOTHERMAL