SHELL OIL CO.

FORMATION & HYDROCARBON LOGGING RECORD

NOTED SEP 2 4 1965 FACKLER

COMPANY SHELL OIL CO.
WEL. OCS-P 087-JET ELD WILMART AREA
COUNTY VERMILION STAT LOUISIANA
ELEV GL 46' (MSL) 385' FROM OCEAN FLOOR
LOCATION SURF. 7th TIER PEN. & RANGE 35S, 34W, SM
LOGGING ENGINEERS PM, MG, EL, LO
TYPE UNIT MCO-4

LEGEND

ABBREVIATIONS

NB	NEW BIT	W	WEIGHT OF MUD
NCB	NEW CORE BIT	CK	FILTER CAKE
CO	CIRCULATED OUT	V	VISCOSITY, API SECONDS
DST	DRILL STEM TEST	F	FILTRATE, API CC'S
LAT	LOGGED AFTER TRIP	S	SALINITY, ppmCl
TG	TRIP GAS		RESISTIVITY, OHM-METER
CG	CONNECTION GAS	Rm	MUD
PR	POOR RETURNS	Rmc	MUD CAKE
NR	NO RETURNS	Rmf	MUD FILTRATE

LITHOLOGY

SHALE, CLAY		LIMESTONE	
SILTY SHALE		DOLOMITE	
SILTSTONE		GYPSUM or ANHYDRITE	
SDY SILTST		SALT	
SAND		COAL	
CHERT		GRANITE	
CONGLOMERATE		VOLCANICS	

BIT DATA	DRILLING RATE	DEPTH	LITH.	OIL AND GAS ANALYSIS	REMARKS
	FT/HR		OIL SAND % CURVE	MUD GAS: DITCH TOT. ——— DITCH PET. VAP. ····· CUTTINGS GAS: UNWASHED TOT ——— UNWASHED PET. VAP ··· SOLVENT CUT + -	DESCRIPTIONS TEST RESULTS MUD DATA SURVEYS

9-5-65

9-10-65

WOB: 5-15,000#

WOB: 10-20,000#

WOB: 0-18,000

WOB: 10-34,000

WOB: 15-35,000

9-11-65

W.O.B. 10-20,000

WOB 18-20,000

Clay - soft, gray.

SD: lt gy, cgr, abund glauc.

Silt - brn, frm.

Abund. shell hash.

R_m @ 71° & 76°F

Lith as above

Clay - soft, gy - brn.

R_m @ 76°F
Mud: 63-67

Mostly - grey, firm

SD: vf to f, pred. clear, gtz, w/ sub. to sp. grains, sub. r. subwd, tr. pyrite to siltstone inclusions. Abd fine grained.

Siltstn: as obs. Hard to w. Hash.

SD: as above. Mod. firm, dk. to lt. brn. mud. surf. stn.

Mostly - f.g. - med. calc. frag. mic. cale., hard, brittle, sharp.

Mostly - brn, hard

Siltstn - lt. gy, frm. to glauc.

SD: f-med. f-m. ang.

Mostly - as above

Lith as above

Mud: 68-45

Ls: gy, vf. xln. (fos)

Siltstn: dk. gy. brn, hard.
Abnd to 25% Dkbrn.
Mostly: Yel. brn, hard, sandy.

Clay - grey, soft.

SD: f-m.g. frosted.

Mostly - as above

Lith a.a. w/ inc. in clay

Mud: 69-45

Dolomite - pale, hard.

R_m @ 76°F

Ls: as obs. Silty, fossl.

Mostly: Yel. pale, hard.

Siltstn: as above w/ Lamination to Sltstn.

Siltstn: as above w/ Lamination to Sltstn.

Clay - soft, grey.

Chert - gy. brn.

Mud: 69-48

Siltstn: as above, hard.

Lss: brn, chert.

Mostly - tan - pale, hard.

Siltstn: mic. as above, as above.

R_m @ 76°F

R_m 1.9 @ 72°F

S/stone, hard, tan to dk. (Choc.) brown, slightly calc; rare shell material

S/stone as above - pred. choc. brown

R_m 1.9 @ 71°F

Mud - 68-45
S/stone, med. br. - tan (rare gray) mod. indurated, some glauc, rare shell material, chan. br. - 90%, tan-grey - 10%, br. non-calc, grey-tan calc.

Siltstn as above, grey-brown, soft - 5% grey-brn, hard, calcareous. One pyrite.