

HUSKY OIL NPR OPERATIONS, INC. U.S. GEOLOGICAL SURVEY/ONPRA

LOGGING REPORT

WELL MAR	ELISBU		ING KEPOKI		
	ust 22, 1979		Driller De	nth 6773'	
Elevation	20401		Logger De		
.ogs Ran and	d Intervals				
GR,	/SP/DIL	4509-6744'			Mr i
GR	/CAL/BHC	4509-6738'			
Additional L	ngs to Run				
					<u> </u>
	None				
nass of late	<u>rest</u>	No. E			
Depth	Gross Thickness	Not Feet of Porosity	Lith	Porosity	Probable Fluid Content
	NO ZONES OF IN	TEREST			-
_ -					
· · · · · · · · · · · · · · · · · · ·					
iscu ssion:					
Only about	t 500' of open h	ole are to couc	response s e. Remaind	re of low por er is all gre	cosity from 4-11%. Later than 15" - the
No_identi	fiable formation	tops or correl	Ation_with	other wells.	
				····	
dditional Ev	aluation Plans:				
JORIONAL EL		· ·			
			RAY WERMEYE	IR	
			Well- ARMOUR KANE	site Geologist	
			1	Log Analyst	



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WELL NAME	LISBURNE	#1			
Date	November 23-24,	1979	Driller De	pth80:	161
Elevation	1862' KB		Logger De	epth 80:	301
Logs Ran and I	ntervals				
GR/SP/DIL		450	9-8024'	CST-Sidewalls	6168-8002
GR/CAL/CNL	/FDC	. 450	9-80241	Shot	45, Rec. 30
GR/BHC		450	9-8020'		
HRD-Dipmete	er	450	9-80241		
Birdwell Ve	elocity Survey	- Top: 4500':	Btm: 80001	· · · · · ·	
Additional Log	s to Run				
	NONE			·	. <u>-</u>
Zones of Intere	st				WH. L
Depth	Gross Thickness	Net Feet of Porosity	Lith	Porosity	Probable Fluid Content
No apparent	zones of inte	rest		1	
Lisburne:	Spot CNL/FD	C Cross-plots	ndicate mo:	st porosity is	in the 3-4.5%
	with a few	intervals 6-8%	One inter	val, 7928-7938	', shows 13%+
	_			· 	······································
	•				
19" indicat		ter is more tha	an 19". In	some places bu	s are saturated at lk density reads
Log Tops & Cor	rrelations:		<u> </u>		
Possible to	p_Shublik	6945'			
Lisburne		74081			
Tops from 1	logs - no corre	lative wells a	vailable.		
Additional Eval	uation Plans;				
•					
					
			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
		·			
		• 1	DAVE YOUNG		······································
		<u> </u>	We	llsite Geologist	
			ARMOUR KANE	Log Analyst	
				~~6 /ulalyst	



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None. CST Sidewalls were not run due to hard hole condition.	
DIL/GR/SP 8005-13,645' GR to 7730' BHCS/GR/TTI 8005-13,642' GR to 7770' CNL/FDC/GR/CAL 8010-13,650' GR to 7710' HDT-Dipmeter 8005-13,650' Stienat Legs to Run None. CST Sidewalls were not run due to hard hole condition.	
DIL/GR/SP 8005-13,645' GR to 7730' BHCS/GR/TTI 8005-13,642' GR to 7770' CNL/FDC/GR/CAL 8010-13,650' GR to 7710' HDT-Dipmeter 8005-13,650' Citaté Legs to Run None. CST Sidewalls were not run due to hard hole condition.	
BHCS/GR/TTI 8005-13,642' GR to 7770' CNL/FDC/GR/CAL 8010-13,650' GR to 7710' HDT-Dipmeter 8005-13,650' Stignal Legs to Run None. CST Sidewalls were not run due to hard hole condition.	
CNL/FDC/GR/CAL 8010-13,650' GR to 7710' HDT-Dipmeter 8005-13,650' Stienut Logs to Run None. CST Sidewalls were not run due to hard hole condition.	
HDT-Dipmeter 8005-13,650' Stimus Logs to Run None. CST Sidewalls were not run due to hard hole condition.	
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None. CST Sidewalls were not run due to hard hole condition.	
_s - Laterest	
Nat East	, <u> </u>
1 1 1 Porosity Pro	bable Content
	(?)
i,672-678' 6' Ls/Doi 6Z ' Gas	(?)
,827-842 15 15 Ls/Dol 6-9% Gas	(?)
	
scussion)	
Water saturation could not be calculated for above intervals due to saturate	d Re
adings across entire carbonate intervals on DTL log	
g Tops & Correlations:	
Shublik/Base 1st Lisburne Thrust 8590'	
Top 2nd Lisburne Thrust 9670'	
Yault 7/Base 2nd Lisburne Thrust 10,900' Top 3rd Lisburne Thrust 11,630'	
Top Endicott/Kayak Shale 13,370'	
43,370	
7/	
. Circuit Electron Plans	
	.1 - 4 -
None at present time; may consider test of potential gas horizons after complog analysis.	TECE
 	
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HARRY HAYWOOD/RAY WERMEYER	
Wellsite Geologist	
Log Analyst	



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	y 19-23, 1980		. Driller Depti		6,982'	
evation18	62' K.B.		Logger Dept	h	0,302	
ogs Ran and It	ntervals	·				<u></u>
Temperature	Log (2)	100-16,955'			6500-1	
DLL/GR_		13,650-16,965'		Velocity	Survey:	top 4500'; b
BHCS/GR		13,650-16,966'				
CNL/FDC/GR/	CAL	13,650-16,980'				
HRD-DIPMETE	R	13,645-16,979'		<u> </u>		
dditional Log	s to Run					
	<u> </u>	·	<u> </u>			
ones of Intere	et	<u> </u>		· <u>-</u> .		
Over of Pittere		Net Feet			<u> </u>	Probable
Depth	Gross Thickness	of Porosity	Lith	Porosity		Fluid Conten
WO 70	NES OF INTERES	r #				
NO ZO	NES OF INTERES				-	
			<u>-</u>			
<u> </u>						
•				·		
zones ran Log Tops & Co	orrelations:	Limestone to 80	ange of 0-3 K Dolomite,	20% Lime	e intervient	at and thures
*FDC/CNL C sones ran Log Tops & Co	orrelations:	Limestone to 80	ange of 0-3 % Dolomite,	Over the	e interv	at and thurse
*FDC/CNL C sones ran Log Tops & Co	orrelations:	Limestone to 80	ange of 0-3	20% Lime	e interv	at and thurce
*FDC/CNL C zones ran og Tops & Co	orrelations:	Limestone to 80	volomita,	20% Lime	e interv	at and thurse
*FDC/CNL C zones ran Log Tops & Co Top Top	orrelations: 4th Liaburne 5th Liaburne	13,736 15,398'	, volonita,	20%		al and indica
*FDC/CNL C zones ran og Tops & Co Top Top Additional Eva	orrelations: 4th Lisburne 5th Lisburne aluation Plans:	13,736 15,398'	, volonita,	20%		at and thate-
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*FDC/CNL C zones ran Log Tops & Co Top Top Additional Eva	orrelations: 4th Lisburne 5th Lisburne aluation Plans:	13,736 15,398'	bave Young	ire sched	uled	at and thate-