

O. W. O. HARMAN NO. 49 WELL.

No. 65 O.F.-Tyler.

McElroy
..... District, Tyler County, W. Va.
E. H. Jennings & Bros.
Completed in 1897.
6-5/8" casing, 2055'.

70316

No location Found

(on centerpoint
7'1/2'

	Top.	Bottom.
Pittsburgh Coal		762
Top of Big Injun Sand		2052
Pay gas and oil		2156
Pay sand to		2165
Total depth		2196

GO ELECTRONIC SURVEYS, Inc.

Box 1527 Parkersburg, W. Va.

NUCLEAR LOG

<p><i>20555</i></p> <p><i>No Location Found</i></p>	COMPANY <u>MURPHY OIL CO. OF PA.</u>						
	WELL <u>O. W. HARDMAN # 49</u>						
	FIELD <u>SHIRLEY</u>						
	COUNTY <u>TYLER</u> STATE <u>PA.</u>						
LOCATION: <u>Shirley Quad?</u>		OTHER SERVICES: COLLAR LOCATOR					
DIST. _____		ELEVATIONS:					
SEC. _____ TWP. _____ RGE. _____		KB. _____					
PERMANENT DATUM <u>ground level</u> ELEV. _____		DF. _____					
LOG MEASURED FROM <u>r.f. (1' a.g.l.)</u> FT. ABOVE PERM-DATUM		GL. _____					
DRILLING MEASURED FROM <u>rig floor (1' a.g.l.)</u>							
DATE	<u>7/21/60</u>	<u>7/21/60</u>	<u>7/21/60</u>				
RUN NO.	<u>1</u>	<u>1</u>	<u>1</u>				
TYPE LOG	<u>GAMMA RAY</u>	<u>CALIPER</u>	<u>TEMP.</u>				
DEPTH — DRILLER	<u>2196'0"</u>	<u>2196'0"</u>	<u>2196'0"</u>				
DEPTH — LOGGER	<u>2190'0"</u>	<u>2190'0"</u>	<u>2190'0"</u>				
BOTTOM LOGGED INTERVAL	<u>2181'0"</u>	<u>2188'0"</u>	<u>2190'0"</u>				
TOP LOGGED INTERVAL	<u>1800'0"</u>	<u>2010'0"</u>	<u>2000'0"</u>				
TYPE FLUID IN HOLE	<u>OIL</u>	<u>OIL</u>	<u>OIL</u>				
SALINITY PPM CL.							
DENSITY LB./GAL.							
LEVEL	<u>2169'0"</u>	<u>2169'0"</u>	<u>2169'0"</u>				
MAX. REC. TEMP. — DEG. F							
OPR. RIG TIME							
RECORDED BY	<u>ALLEN</u>	<u>ALLEN</u>	<u>ALLEN</u>				
WITNESSED BY	<u>DROPPELMAN</u>	<u>DROPPELMAN</u>	<u>DROPPELMAN</u>				
RUN NO.	BORE HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				<u>7"</u>		<u>0</u>	<u>2042'</u>

ID: COUNTY: 095 (TYLER) PERMIT: 70535 SFX: W (Worked Over)

REASSIGNED ID #: ()

COMPLETION INFO: ELEVATION: COMP REC FLAG: (from E-LOG)
 ELEVATION TYPE: G RIG TYPE:
 (Ground Lvl) (???)

* LOCATION TAX DST:
 * INFO: DEGREES MINUTES MILES
 * 7.5' LATITUDE: 00 00.0 0.005
 * LONGITUDE: 00 00.0 0.00W
 * QUADRANGLE:
 * 15' LATITUDE: 00 00 0.00S
 * LONGITUDE: 00 00 0.00W
 * QUADRANGLE:
 * 5' SECT:

CLASSIFICATION: DATES: MM/DD/YYYY
 INITIAL: (unclassified) SPUD: / / WELL TYPE: 0
 FINAL: (unclassified) COMP: / /1960 (Unknown)
 FIELD: (?Never assigned) BATCH: / / CMLP METH:
 YEAR RPTD: ()

OPEN GAS-BEFORE TREATMENT: (MCFPD) OIL-BEFORE TREATMENT: (BOPD)
 FLOW: GAS-AFTER TREATMENT: (MCFPD) OIL-AFTER TREATMENT: (BOPD)

* UTM: EASTING: NORTHING:
 * COORDINATE DIGITIZED (Y/N):

ROCK NATURAL (PSI): 0 TIME (NATURAL, IN HOURS): 0
 PRESSURE: TREATED (PSI): 0 TIME (TREATED, IN HOURS): 0

* OWNER STATUS: C (Cmplt'd) DATE: / /1960
 * INFO: SURFACE OWNER: Hardman, O W 49
 * OIL&GAS OWNER:
 * COMPANY NUMBER:
 * OPERATOR: 2814 (Murphy Oil, PA)
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DEPTHS: TOTAL FTG: 2196 NEW FTG: 0 EXPL FTG: 0

DEEPEST FM: AT TOTAL DEPTH: 999 TESTED: 999
 (undetermined unit) (undetermined unit)

MECHANICAL LOG INFO:

STATUS: RANGE OF INTERVALS: 1800- 2181 DEEPEST FM LOGGED:
 LOGS AVAILABLE: GR MICROFILM ROLL NUMBER(S): 158
 COMMENT: on #158 as Hardman 49

LOG TYPES: GR-gamma ray; D-density; T-temperature; I-induction; N-neutron; S-sonic; *Other types not noted