



IV-35 (Rev 8-81)

on a exe division

DEPT. or MINES



State of Mest Nirginia

Bepartment of Mines
Oil and Gas Bivision

Date	October 31.	1984			
Date October 31, 1984 Operator's					
Well No	· #23				
Pa					
Farm	M.W. Spence	r			
ADT No	/7 - 005	- 1070			

WELL OPERATOR'S REPORT

OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE:	Oil XX / Gas / Liquid Ir	njection / Waste I	Disposal /	
	(If "Gas," Production / Un)

LOCATION: Elevation: 780.8' Watershed	Indian Cree	k of Middl	e Island	Creek
	Tyler			
COMPANY QUAKER STATE OIL REFINING CORPORATION				
ADDRESS P.O. Box 1327; Parkersburg, WV 26101	Casing	Used in	Left	Cement
DESIGNATED AGENT Carl J. Carlson	Tubing	Drilling		fill up Cu. ft.
ADDRESS P.O. Box 1327; Parkersburg, WV 26101	Size			
SURFACE OWNER Alva D. Spencer Est., et al	20-16 Cond.			
ADDRESS c/o Dennis G. Spencer, Box 59; Alma, WV	12-10"			
MINERAL RIGHTS OWNER M.W. Spencer Heirs c/o	9 5/8			
ADDRESS John Kern; P.O. Box 2330; Clarksburg, W	V 8 5/8	453'	453'	130 ex
OIL AND GAS INSPECTOR FOR THIS WORK	7	1 4.11	433	130 88
Robert Lowther ADDRESS General Delivery; Middle	bourne /2			
PERMIT ISSUED June 4, 1984 WV 26	4 1/2	1722'	1722'	100 sx
DRILLING COMMENCED July 30, 1984	3			
DRILLING COMPLETED August 17, 1984	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used			
ON				
GEOLOGICAL TARGET FORMATION Big I	njun	Dep	th <u> 1756-</u>	1893 feet
Depth of completed well 1906' feet	Rotary XX	/ Cable	e Tools_	XX
Water strata depth: Fresh N/A feet;	Salt <u>N/</u>	A feet		
Coal seam depths: N/A	_ Is coal	being min	ed in the	area? No
OPEN FLOW DATA				
Producing formation Big Injun	Pay	y zone dep	th ₁₇₅₈₋	1846 feet
Gas: Initial open flow Mcf/d				Bbl/d
Final open flowMcf/d	Fir	nal open f	low 2	Bbl/d
Time of open flow between ini	tial and f	inal tests	hc	ours
Static rock pressure Vacuum psig(surfa	ce measure	ment) afte	r hou	ırs shut in
(If applicable due to multiple completion	n)			
Second producing formation	Pay	y zone dep	th	feet
Gas: Initial open flowMcf/d				
Final open flow Mcf/d				
Time of open flow between ini		· ·		
Static rock pressurepsig(surface		•		
	NOV 261	984 (Conti	rue on re	verse side,

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Shot with 120 qts. nitroglycerine from 1800-1845'

WELL LOG

	W	ELL LOG	
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresand salt water, coal, oil and ga
Sandstone	0	542	
Shale and siltstoe	542	968	
Sandstone and shale	968	1422	
Sandstone	1422	1465	
Shale	1465	1633	
Little Lime	1633	1646	
Pencil Cave	1646	1664	
Big Lime	1664	1756	
Big Injun	1756	1893	
Shale	1893	1906 ,	T.D.
			·
	1	•	

(Attach separate sheets as necessary)

QUAKER STATE OIL REFINING CORPORATION ichael C. Brannock

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including and, encountered in the drilling of a well."

1)	Date: M	ay	15,	1984
2)	Operator's			
	Well NoM	W.	SPENCER #2	3
3)	API Well No.	47		1078
		State	County	Darmit

File

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT WELL TYPE: A Oil X / Gas _ B (If "Gas", Production Underground storage Deep Shallow 780.8 LOCATION: Elevation: _ Watershed: INDIAN CREEK OF MIDDLE ISLAND CREEK McELROY District: County: ___ TYLER Quadrangle: SHTRLEY 7.5! WELL OPERATOR OUAKER STATE OIL REF. CORP.7) DESIGNATED AGENT CARL J. CARLSON P.O. BOX 1327 Address P.O. BOX 1327 PARKERSBURG, WV PARKERSBURG WV 26101 OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR: Name ROBERT LOWTHER Name _ UNKNOWN GENERAL DELIVERY Address Address 26149 (304) MIDDLEBOURNE, WV 758-4764 10) PROPOSED WELL WORK: Drill X / Drill deeper_ / Redrill Stimulate Plug off old formation Perforate new formation MAY 2 4 1984 Other physical change in well (specify)_ 11) GEOLOGICAL TARGET FORMATION, BIG INJUN CIL & GAS DIVISION 1959' 12) Estimated depth of completed well, ___ 100' DEPT. OF MINES 13) Approximate trata depths: Fresh, _feet; 988' salt. feet. 14) Approximate coal seam depths: 428' - 430' Is coal being mined in the area? Yes_ 15) CASING AND TUBING PROGRAM CASING OR TUBING TYPE FOOTAGE INTERVALS CEMENT FILL-UP PACKERS OR SACKS (Cubic feet) Grade per ft. Left in well Conductor Kinds Fresh water 5/8 H-40 20 460' 460' Coal Sizes Intermediate Production 1703' 1703' Depths set 7651 Tubing 4.5 J 1809' Liners Perforations: Bottom OFFICE USE ONLY **DRILLING PERMIT** 47-095-1078 June 4, 19 84 Date This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.) The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof. June 4, 1986 Permit expires unless well work is commenced prior to that date and prosecuted with due diligence. BLANKE Plat. Agent: Casing Fee

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.