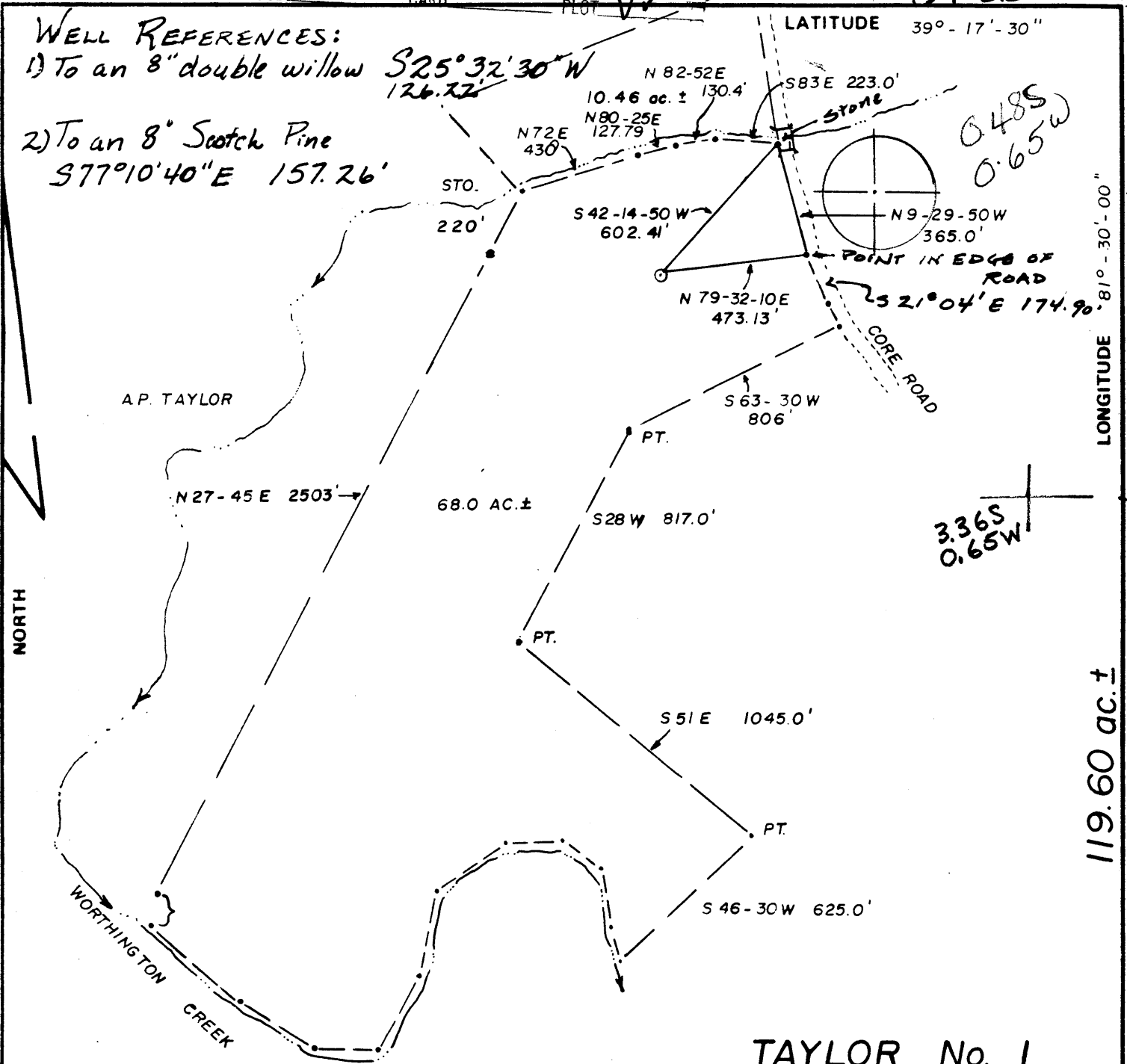


WELL REFERENCES:

- 1) To an 8" double willow S25°32'30" W 126.72'
- 2) To an 8" Scotch Pine S77°10'40"E 157.26'



TAYLOR No. 1

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION AT B.M. 607, AT INTERSECTION OF CORE ROAD

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) _____
 R.P.E. 5112 L.L.S. _____

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE AUGUST 7, 1984
 OPERATOR'S WELL NO. 1 (one)
 API WELL NO. 47-107-1316
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION ELEVATION 605' WATER SHED WORTHINGTON CREEK
 DISTRICT PARKERSBURG 4 COUNTY WOOD
 QUADRANGLE 532, PARKERSBURG 7.509 N 15' SE 9
 SURFACE OWNER A.P. TAYLOR ACREAGE 119.6
 OIL & GAS ROYALTY OWNER A.P. TAYLOR LEASE ACREAGE 119.6
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4500
 WELL OPERATOR WESTERN RESERVE O&G Co. DESIGNATED AGENT D.E. SPENCER
 ADDRESS 7845 EMERSON AVE. ADDRESS SAME
 925 PARKERSBURG WV. 1-1 unnamed (0)

SEP 4 1984

IV-35 (Rev 8-81)

RECEIVED APR 16 1985



Date December 6, 1984 Operator's Well No. #1 Farm Taylor API No. 47-107-1316

RECEIVED APR 29 1985

OIL & GAS DIVISION State of West Virginia DEPT. OF MINES Department of Mines Oil and Gas Division

WELL OPERATOR'S REPORT OF

OIL & GAS DIVISION DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

DEPT. OF MINES

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas," Production / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 605 Watershed Worthington Creek District: Parkersburg County Wood Quadrangle Parkersburg 7.5'

COMPANY Western Reserve Oil & Gas Co. Ltd. ADDRESS 7845 Emerson Ave. Parkersburg, WV. DESIGNATED AGENT Donna E. Spencer ADDRESS 7845 Emerson Ave. Parkersburg, WV. SURFACE OWNER A. P. Taylor ADDRESS 3108 Fairveiw Ave. Parkersburg, WV. MINERAL RIGHTS OWNER A. P. Taylor ADDRESS 3108 Fairveiw Ave. Parkersburg, W.V. OIL AND GAS INSPECTOR FOR THIS WORK Glen Robinson ADDRESS Minerwells PERMIT ISSUED AUG. 16, 1984 DRILLING COMMENCED Aug. 27, 1984 DRILLING COMPLETED Sept. 6, 1984 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2 and Liners used.

GEOLOGICAL TARGET FORMATION Devonian Shell Depth feet Depth of completed well 3725 feet Rotary X / Cable Tools Water strata depth: Fresh feet; Salt feet Coal seam depths: n/a Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Devonian Shell^{a e} Pay zone depth 2740-3464 feet Gas: Initial open flow 750 Mcf/d Oil: Initial open flow Bbl/d Final open flow 250 Mcf/d Oil: Final open flow Bbl/d Time of open flow between initial and final tests 6 hours Static rock pressure 250 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

MAY 13 1985

Second producing formation Pay zone depth Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d Final open flow Mcf/d Oil: Final open flow Bbl/d Time of open flow between initial and final tests hours Static rock pressure psig (surface measurement) after hours shut in

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

Stage 1	Huron ←	Stage 2 Huron	Stage 3 Up. Dev.
<u>3464-3690</u>		<u>2790-3690</u>	<u>2740-2790</u>
1,000,000		1,000,000	1,000,000
200 Gal. 15% HLL		550 Gal. 15% HLL	100 Gal. 15% HLL

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale Pocono Shale			0 1750	1750 1946	
Berea			1946	1948	
Gantz			2042	2046	
Thirty - Foot			2147	2153	
Gordon			2250	2264	
Devonian Shale			2264	3723TD	all exploratory 3723' Huron @ TD 3723 603 --- 3118

(Attach separate sheets as necessary)

Western Reserve Oil & Gas Co. Ltd.

Well Operator

By: Donna Spencer

Date: December 12, 1984

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 coal, encountered in the drilling of a well."



1) Date: August 16, 19 84
 2) Operator's Well No. Taylor # 1
 3) API Well No. 47 - 107 - 1316
 State 47 County Wood Permit 1316

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil X / Gas X
 B (If "Gas", Production X / Underground storage / Deep / Shallow X)
- 5) LOCATION: Elevation: 605 Watershed: Worthington Creek LK 2
 District: Parkersburg County: Wood Quadrangle: Parkerburg 7.5
- 6) WELL OPERATOR Western Reserve Oil & Gas Limited DESIGNATED AGENT DONNA E. Spenser
 Address 7845 Emerson Avenue Address 7845 Emerson Avenue
Parkersburg, WV 26101 Parkersburg, WV 26101
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Glen Robinson
 Address Mineralwells, WV
- 9) DRILLING CONTRACTOR: Name Gene Stalaker, Inc
 Address Glenville, WV
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 12) Estimated depth of completed well, 4500 feet
- 13) Approximate tratra depths: Fresh, 75' feet; salt, 1700' feet.
- 14) Approximate coal seam depths: NIA Is coal being mined in the area? Yes X

RECEIVED
 AUG 27 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling		
Conductor	11 3/4		42#	X		40	0	Kinds <u>Slurry 61</u> Sizes <u>15.30</u>
Fresh water	8 5/8		23#	X		755	755	
Coal								Sizes <u>OR 95 per by 1</u> Depth set <u>15.30</u>
Intermediate								
Production	4 1/2		10.5	X		4500	4500	400sks
Tubing								

Liners Western Reserve may use Slurry 61 to cement fresh water casing on this well
Waiting time will be 8 hours. A weight measurement will be made on-site to assure
that the slurry meets minimum weight specifications of 15.3 lb/gal. A sample
will be collected and after 8 hours if the cement is not set up additional
time will be required. Also, a copy of the cement ticket will be left with the
State Oil & Gas Inspector or be available at the rig. mwj

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1316 Date August 27, 19 84

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.
 Permit expires August 27, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>170</u> BLANKET	Agent: <u>LD</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>420</u>
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Margaret J. Hassie
 Administrator, Office of Oil and Gas