

2/15/85 PERC



Sinds of Mest Mirginian DEPARTMENT OF ENERGY

Bil und Gas Zivision

Date 11/2	29/85	
Operator	¹s	
Well No.		
Farm Sta	lnakar	
API No.	47 - 021	- 4374

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

CATION: Elevation: 781' Watershed_	Little Kanasha	Fiver		
District: DeKalb County Gilm	er (Quadrangle	Tanner	7.5
MPANY WACO OIL & GAS CO., INC.			T - 54	Cement
DRESS PO Box 397, Glenville, W 26351	Casing	Used in		fill up
SIGNATED AGENT Stephen E. Holloway		Drilling	in well	Cu. 1c.
DRESS PO Box 397, Glenville, W 26351	Size 20-16			
RFACE OWNER C.F. Stalnaker, Jr.	Cond.			
DRESS Glenville, W 26351	13-10"		211	Surf
NERAL RIGHIS OWNER C.F. Stalnaker, Jr.	9 5/8			
DRESS Glenville, W' 26351	8 5/8	1661	1661	90 sks
IL AND GAS INSPECIOR FOR THIS WORK Dec	7			
ace ADDRESS Sandridge, W	5 1/2			
ERMIT ISSUED August 8, 1985	4 1/2			
RILLING COMMENCED November 17, 1985	3			
RILLING COMPLETED November 19, 1985	2			
F APPLICABLE: PLUGGING OF DRY HOLE ON DWITINUOUS PROGRESSION FROM DRILLING OR DEWORKING. VERBAL PERMISSION OBTAINED	Liners used			
N.	And the second s	Der	oth 6800	feet
FOLOGICAL TARGET FORMATION Oriskanv	- Dolova	_		
Depth of completed well 6400 feet	Rotary	$\frac{\chi}{\chi}$ foot	- -	
Water strata depth: Fresh 30' 48' feet	t; Salt_85.	3	e ood in th	ne area? NO
Coal seam depths: None	IS COAL	L ben's wo		
OPEN FLOW DATA				
oriskany	Pa	ay zone de	pth see ti	reatment feet
Mcf/	d Oil: I	nitial ope	u itom	السلط
Final open flow (375) Mcf/	d F	inal open	I TOM Z PUX	
mime of open flow between i	nitial and :	final test	s	hours
Static rock pressure 1875 psig(sur	face measur	ement) aft	er_48_h	ours shut is
irs liachla due to multiple complet	:ion)			
is approximate and to make	P	ay zone de	epth	fee
samed avaducing formation			n flow	Bbl/
Second producing formation Mcf.	/d 011: 1	muar ob		
Second producing formation Gas: Initial open flow Mcf, Final open flow Mcf,	/d 011: 1	muar ob	flow	Bb1/

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

6240-6180 - Oriskany 500 Gal 15% Hcl, 12500# 20/40 534 BBl Diesel 40 ton 00₂

WELL LOG

			REMARKS Including indication of all fresh		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	and salt water, coal, oil and gas		
Soil	0	5			
Sand & Shale	5	113	30', 48' Fresh H ₂ O		
Sand Shale RR	113	599			
Sand, Shale	599	1591	853' Salt H ₂ O		
Little Lime	1591	1622	· interest of the state of the		
Blue Monday	1622	1652			
Big Lime	1652	1724	-		
Big Injum	1724	1775			
Sand & Shale	1775	2082			
Berea	2082	2085			
Sand & Shale	2085	2977	* · · · · · · · · · · · · · · · · · · ·		
Speechly Section	2977	3384			
Balltown Section	3384	3936			
Riley Section	3936	4350			
Shale	4350	4390			
Benson	4390	4400			
Shale	4400	4642			
Alexander	4642	4690			
Shale	4690	4818			
Elk Section	4818	5056			
Shale	5056	5928			
Marcellus	5928	5966			
Onondaga	5966	6008			
Huntersville Chert	6008	6178			
Oriskany SS	6178	6278	1.000		
Heldersburg LS	6278	6352	TD Colored Col		
Tributana ang pangana ang	(Attach se	parate sneets	as necessary)		

WACO OIL & CAS CO., INC.
Well Operator

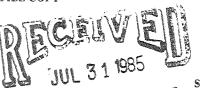
By: Daniel R. Chapman, Geologist

Date: November 29, 1985

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 the drilling of a well."

FILE COPY





July 8 l) Date:_

2) Operator's Waco 403-Stalnaker IA

3)

API Well No.	47 —	021 - 4374	
	State	County	Permit

STATE OF WEST VIRGINIA

DIVISION OF OIL DEPARTMENT OF EXPERIMENT OF EXPE

USING TYPE Size Grade Perft New Used For drilling Left in well Cabic feet) Kinds	4) WELL TY						/ IIndonescund	of annual	/ B	*
District: Dekalb Country WELL OPERATOR WARD OTL & GAS OD., INC. 1930 Address PO Brx 397 Glemrille, W. 26351 OIL & GAS INSPECTOR TO BE NOTIFIED Name Den Mace Address Rt. 1, 1807.5 Sendridge, W. 25274 PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X GEOLOGICAL TARGET FORMATION, Oriskarry Redrill Stimulate X GEOLOGICAL TARGET FORMATION, Oriskarry Redrill Stimulate Redril	5) IOCATIO			i roduction	' 781'	/	Watershad.	Tittle Poor		A Shallow/)
WELL OPERATOR WACH OIL & CAS CO., INC. Address PO. Rox. 397 Clerwille, W. 26351 OIL & CAS INSPECTOR TO BE NOTIFIED Name Den Mace Address Pt. 1, Rox. 5 Senderidge, W. 25274 PROPOSED WELL WORK: Drill & Drill Geeper Redrill Plus off old formation. Plus off old formation. Perforate new formation. Perforate new formation. Perforate new formation. Other physical charge in well, (specify) GEOLOGICAL TARGET FORMATION. OT. 15 Stardy (1-7) CASING AND TUBING PROFORM 13 Approximate retail depth: Roxe Is coal being mined in the area? Yes No. X CASING AND TUBING PROFORM Law law weigh a coal being mined in the area? Yes No. X COMENT TYPE No. SECRETICATIONS SECRETICATIONS) LOCATIO					· · · · · · · · · · · · · · · · · · ·				Tarror 7 51
Address BO Rox 997 Clemville, W 26351 Clevrille, W 26351 PROPOSED WELL WORK: Drill	6) WELLOP					mar (9	1 -			
Glemville, W 26351 OIL & GAS INSPECTOR TO BE NOTIFIED Name Den Mace Address Rt. 1, Box 5 Sandridge, W 25274 PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X Plug off old formation Perforate new formation OEOLOGICAL TARGET FORMATION, Ort. Skarry (Trick) 12 Estimated depth of completed well, 8000 feet: salt, None feet 13) Approximate trast depths: Fresh, 200 feet: salt, None feet 14) Approximate toals seam depths: None to coal being mined in the area? Yes No X CASINO AND TUBING PROGRAM SECURICATIONS SEE Grade Per R. New Doed For defiling Left to red 10 Standard Red Red Red Red Red Red Red Red Red Re					ن وماللات	West	3 - '			
ORL & GAS INSPECTOR TO BE NOTIFIED Name	Addi ess				4251		51800	Adaress		
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PROPOSED WELL WORK: Plug off old formation Plug off old formation Other physical change in well (specify) GEOLOGICAL TARGET FORMATION, OTISKARY 12) Estimated depth of completed well. 3000 feet: salt: None feet. 13) Approximate road sepths: None Is coal being mined in the area? Yes No X CASING AND TUBING PROGRAM ASING OR SPECIFICATIONS CRIENT TIPE Size Grade weight New Used For defiling Left in well (Cashir feet) Cashing Left in well (Cashir feet) Cashing Left in well (Cashir feet) Asing Cashing Cashir feet (Cashir feet) Cashing Left in well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal trements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer S.) Prior to the construction of roads, locations and pits for any permitted work in a diction, the well operator or his contractor shall notify the prefixed of any gas inspector 24 hours before actual permitted work has commenced.) Performation Stimulate X. Alegust 8, 1987 Unless well work is commenced prior to take date and prosecuted with due diliger materials. Alegust 8, 1987 Unless well work is commenced prior to take date and prosecuted with due diliger materials. Alegust 8, 1987 Unless well work is commenced prior to take date and prosecuted with due diliger. Alegust 8, 1987 Unless well work is commenced prior to take date and prosecuted with due diliger. Alegust 8, 1987 Unless well work is commenced prior to take date and prosecuted with due diliger. Alegust 8, 1987 Unless well work is commenced prior to take date and prosecuted with due diliger. Alegust 8, 1987 Unless well work is commenced prior to take date and prosecuted with due diliger.	Address			_				Address		
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