

Datem	February	13	÷	 19	80

Operator's K-305-#1 Well No.

PORM IV-35 (Obverse) WELL OPERATOR'S REPORT (3 108-78

API Wel No. 47 - 017 2542 nir

		DRILL	ING, FRA	CTUR	ING AN	D/OR STIMULA		ICAL CHANGE		
HL TYPE: C	11	/ Ga	s X /	Ľ.	iquid	Injection	/ Waste D	isposal/		
								Deep/ S		/)
CATION: E	levatio	n: 9	051		Wa	tershed:	Tom's Fork			
E)istrict	: <u>Ne</u>	w Milto	n	Co	unty: Dodd	ridge Q	uadrangle: New	Milton 7½	A CONTRACTOR OF THE CONTRACTOR
ELL OPERATOR	J 8	J En	terpris	es,	Inc.	na sylvani 19 ljanii iri jajanja inga arma parijaja popis.	DESIGNATED AG	aur H. L. Barr	ett	gapan apanggan sagar ang
Address	P. 0	. Box	48			da waadaan tuu aheen jaar kuu aan ee ee ka	Address	P. O. Box 48	Material actual () () () () () () () () () (
	Buck	hanno	<u>n, W. I</u>	7a. 2	6201	a in resource and the contract of the contract		Buckhannon, W	7. Va. 26201	I
commen Mar	ov n	אור X	/ Cor	vert	,	Drill deep	ser / Red.	rin Filgitale	Mire on stiff	nulate <u>X</u>
EWHILIED MOI								ion		
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				nerene receivile de la company			nderflommen in de easte helm of deputing period des Premiers reques antimos applying to the communication annimal and		S DIVISION	
ERMIT ISSUE	D ON _	√ovemb	er 19	urius narialistikas sir 1884	_, 19/	I julius and the second	OIL & GAS IN	SPECTOR TOPTTHIS	FOR NE	Outh t
IF APPLICAB	LE: PI	UGGING GRESSI	OF DRY	HOL	E ON LLING	OR	Name Paul (Garrett 271 Roach Str	and the second s	AND THE RESERVE OF THE PARTY OF
REWORKI	NG. VE	RBAL F	EKMISSI,	ON-OI	BTAINE	U .	Addiass	321 Beech Sti	a har har ha	
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								Depth <u>5210</u>		1862
								Cable Tools		
							feet.			
								the area? X		
Work wa	is comme	enced	Januar	<u>ry 9</u>	montos apoten producto Presso	, 1980	, and complete	d <u>January 16</u>	, 199	80
ASING AND	THRING :	PROGRA	M							
ASING OR	li		IFICATIO	nns -		FOOTAGE	INTERVALS	CEMENT FILL-UP	ll PAC	KERS
UBING TYPE	5170	9	.Weicht	E	§		8	OR SACKS (Cubic feet)		
aductor	113/4	1	1	Х		2.8	1	N .	Minds None	e sui
resh water	8 5/8	<u> </u>	23	X		1021		260 sks.	- Commence of the Commence of	
cal	8 5/8	ERW	23	Х		1021	1021	260 sks.	Sizes	ALLEY OF THE STATE
ntermediate	1		-		-	Angles and the state of the sta				
	11, ,	J-55	10.5	Х		5402	5402	270 sks.	Depths set	
ating						A constitution to the state of				
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							100 - 100 -			Bottom
PALLA PER DESCRIPTION OF THE PARTY OF THE PA									5216 4924	5252 4928
and the second s						e personana iran galako distributu daga yang an antari irang pendahan yang distributu an antari irang an antari I			4472	4494
St. 1 a non-specification with history projection on an experimental bibliography	1	<u> </u>	the disconnection of the state	Announce of the second	and the same of the same	Village service (in 1872 minute) yn i Walterlanger endestrinad eigen yn de Mallian eindeter i Verste			gar Salamanga ang ang ang ang ang ang ang ang ang	Marakanda sara situ dari manyi kalabari a situ da da Marakandi (1986) safa
OPEN FLOW DA										
								Fay zone deptl		
								il open flow,		
COMBINED	#7 4 2 - 4	nal op	er flow	. <	23 disease	710173	Final	open flow,	5. to 1. /	3
								sts. 16 hour		
s	tatic r	osk pr	essure,	1200	2	osig (surfac	e measurement)	acter 4 ho	uns chut in	
[If ar	plicabl	e due	to mult	iple	comple	etion]			4472-4494	
Second	produc	ing fo	rmation]	Benson	/Riley	BALLONDON OF THE STREET BALLON OF THE STREET	Pay zone dept	h <u>4924-4928</u>	e fee
G	as: In	itial	open fl	ow,	nyyyysi na kunn dik down — ayan rop a garig ka 1887 -		Otl: Inlets	il open flow,	Ēb. 7	' d
ď	P1	nal op	en flow	э	ndang pagan sakhujinggan (a) ndan	McC/d	Final	open flow,	one of the state o	ra i
		Tim	e of op	en f	low be	tween inicle	l and final te	ests, hour	5	

Static rock pressure, _____ psig (surface measurement) after ____ hours shut in MAR 5 1980 [08-78]

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

Alexander- Perforations: 5216-5222 (8 holes), 5232-5234 (2 holes), 5248-5252 (4 Holes). Fracturing: 500 gal. Acid; 30,000 lbs. Sand 80/100 wire mesh; 30,000 lbs.

Sand 20/40 wire mesh; 630 Bbls. Fluid.

Benson/Riley- Perforations: 4924-4928 (14 holes), 4472-4476(8 holes), 4490-4494 (6 holes). Fracturing: 1000 gal. Acid; 25,000 lbs. Sand 80/100 wire mesh; 49,000 lbs. Sand 20/40 wire mesh; 750 Bbls. Fluid.

WELL LOG

	g .	A STATE OF THE PARTY OF THE PAR	E CONTRACTOR CONTRACTO	the property of the state of th	
FORMATION	Color	Hard or Soft	/3 Top Feet	Bottom Feet	Remarks Including indication of all free
Clay					and sait water, coal, oil and a
Shale .			0	1.5	
Red Rock			. 15	90	1" Stream water 47'
Sand			90	110	Table Park
Red Rock			110	180	
Sandy Shale			180	200	
Red Rock & Shale			200	245	
and	eriena i e.		245	270	2" stream water 270'
Shale		control (c)	270	300	
and			300	570	
hale			570	620	
hale & Red Rock			620	735	
hale		TL0000-6	735	990	
and	witchzzy-ey.	Books	990	1430	en e
nale	-	Security Sec	1430	1490	Hole Damp 1470'
iite Sand	- deg.	·	1490	1670	m mounty 2 de 1 ()
nale	L-METOMOTOM I		1670	1755	
lme	e de la companya de l		1755	1960	
g Injun	*er/commute		- 1960	2045	
ale	WithCourt	· ·	2045	2160	
ir		conditioner.	2160	2260	
ale	NE ENTERNAL DE		2260	2340	
nd	politica	200	2340	2435	
ale	The State of the S		2435	2495	
ndy Shale		- Jg	2495	3490	
nd s		ped page	3490	3935	
ale	Stocker Communication of the C	Chargoston .	3935	4020	
ley		. Carrier	4020	4480	
nd & Shale		00/27/00/mgg)	4480	4497	
ale		townsening	4497	4665	
ison	Statement		4665	4922	
ile	Strollenden	-	4922	4929	
xander	-Emelops	8	4929		a a construction of the co
Administration rates rat		i i		5285 Ga	s @5036 40/10-1½" with water
116	Newson News News News News News News News News	2		5496	
	diagonal dia	1			
	89-in-	Pr. crystoles		J470 G	as @5496' 40/10-1½" with water
	Propagation	of School	·		
	ì	6	4	ž.	

(Attach separate sheets to complete 28 necessiry;

	J& J ENTERPRISE	S. INC.		
3/4	ell Operator	Set a later experience of the first		White and the second second second second
	M State			
Sy	PETER RATELES	- K		
V /	FELER BATTLES			
Tr.s	Address of the state of the sta	GEOLOGIST	prophil age to processing processing agents	

Regulation 2.02(i) provides as follows:

The term 'log' or 'well log' shall mean a systematio, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

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

OIL	AND	CAD	WELL	PERMIT	APPLICATION

Operator's Well No. K-305-#1 API Well No. 47 -017

Date: November 15 , 1979

	O1L	THE CIRCO STEEL C.		API Well	No. $\frac{47}{\text{State}} = \frac{017}{\text{County}}$	- 2542
WELL TYPE:	Oil/ Gas _ X /				State County	Permit
	(If "Gas", Production X	/ Undergrou	nd storage	/ Deep/	Shallow X /)	•
LOCATION:	Elevation: 905					*.
	District: New Milton				w Milton 7½	
WELL OPERAT	OR J& J Enterprises, I	nc.	DESIGNATED	AGENT H. L.	Barnett	
Addres	s <u>P. O. Box 48</u>		Addres	s <u>P. O. Box 4</u>	8	•
	Buckhannon, W. Va. 262	01		Buckhannon,	W. Va. 26201	
OIL & GAS			• • • • • • • • • • • • • • • • • • •	. *		
ROYALTY OWN	Ernest & Thelma Hinte	r		COR Virginia		
Addres	s Route 1, Box 80		Addres	Union Center	West	
	New Milton, W. Va. 26				W. Va. 26301	
	re <u>'136</u>	** .		(S) WITH DECLARA		
	NER Ernest Hinter	•				
Addres	Route 1, Box 80		Addres	SS		*
	New Milton, W. Va. 26	,411				
	e 136		, , , , , , , , , , , , , , , , , , , ,			***************************************
	(1F MADE) TO:		Addres	ss		-
		•	COM LESSE	E WITH DECLARATI	UN ON PECARD.	
Addre	3.3			E WITH DECENTAL		
	THE DECEMBER THE NOTE IN			ss		
	INSPECTOR TO BE NOTIFIED		Addres	 	20.70 Case	
	ul Garrett ss <u>321 Beech Street</u>			<u> </u>		•
Add1 e	Clarksburg, W. Va. 2			QIL & CAS	eivisiOf)	
	The undersigned well opera		d to operate fo	Printed Section Section 2	: MINET	ve
location u	ndor a deed/ lease	X / other	contract/	dated <u>Septemb</u>	oer 11, 19 78,	to the
undersigne	d well operator from Er	nest & Thelma	Hinter			
[If said d	eed, lease, or other contr	act has been r	ecorded:]			
Rocorded o	n <u>October 23</u> , 19 <u>78</u>	. in the offic	e of the Clerk	of the County Co	omnission of Dodd	lridge_
	st Virginia, inO <u>il & Gas</u>					ollumu:
PROFO	DED WORK: Drill X / Pri					
				formation	/	
	Output thysical	or ringe in well	(specify)			
	erabalandos	on a manual and a manual manua				
		-4		reverse side he		
	The above which a colopies					
	they wish to hake or amed					
of Tires.	.jrn.in (15) days (15)					
	Distes of this Fermit App					
	ered mail of delivered by large the far of the mailing					
		or derivery in	e più a carrage ni		•	
	n, West Virginia.				No.	
ELEACE SYSTEM	EMIT COPIES OF ALL ALL LOSS DIRECTLY TO:		J&JE	INTERPRISES, IN	C.	

QUANCET BOND

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

Well Operator

By PETER BATTLES GEOLOGIST

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CON	TRACTO	R (IF	KNOWN)	S.	W. Ja	ck Drillin	g Company		
Address P. O. Box 48									
					Bu	ekhannon,	W. Va. 26201	•	
GEOLOGICAL T	ARGET :	FORMAT:	ION, A	lexa:	nder				• • • • • • • • • • • • • • • • • • • •
	-					150	feet	Rotary <u>X</u> /	Cable tools /
•								, 1600 feet.	;
									↑ Yes/ No_X
CASING AND T	UBING :	PROGRAI	VI						· · · · · · · · · · · · · · · · · · ·
CASING OR			IFICATI	ONS	H	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERST
TUBING TYPE			Weight per ft		Used	•	1	OR SACKS (Cubic feet)	-
Conductor	11 3/4	H-40	42	X		. 30	0	0 sks.	Kinds None
Fresh water	8 5/8	ERW	23	Х		1600	1600	300 sks.	Andreas Andreas
Coal	8 5/8	ERW	23	X		1600	1600	300 sks.	Sizes
Intermediate		-							
Production	4½	J-55	10.5	Х		5125	5125	250 sks.	Depths set
Tubing									
Liners			<u> </u>						Perforations:
								er control	Top Botton.
	H	1	<u> </u>		11		•	В	Ш
Form by Rc there appli previ	NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (n) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or deelling within 200 feet of the proposed well.								
where is no.	fracti	aring c	or stim:	alati:	កែខ ខែ ខ	to be part o	quired for fra of the work fo nection therew	acturing or stim or which a permi with.	ulating a well t is sought and
All pof th	rovisions e W. Y	being a. Code	in accord	dance stion is	with Ch hereby	apter 22, approved		•	
for _	dril	ling	4	This po	rmit sha	ll expire if			
open	alions he	YESO!	commence	id by_	8-4-	-80			
• ,	7/10-80	77	-UB					tor and by any c	
y	22.6		1207 Full	5 9 1	10.27	u seclarait	ne roal ejera on under Code receipt ther	- 1 22-4-20 if t	the permit
		•				RAINE			
ltoation the well location the work bro	r exami n, inc more		Dromitr Dromitr Drome at	n bas n has this	well i Leen Clocht	ocation.] added to th lion. provid	If a mine map we mine map. Nod. the well	exists which con	coal under this well vers the area of the has no objection to mplied with all
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