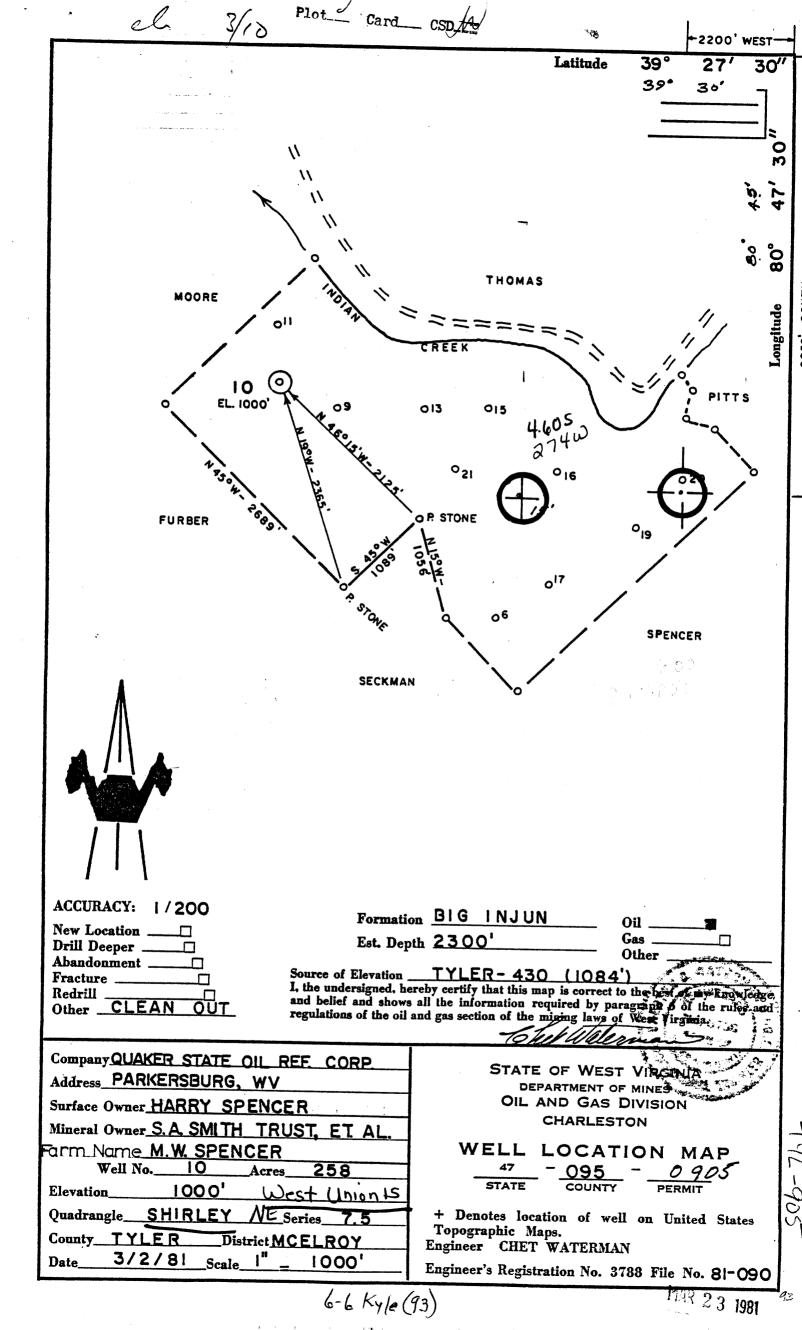
West Virginia Department of Environmental Protection Office of Oil & Gas

WELL LOCATION FORM: GPS

			WELL NO:	10
API:	47-095-00654 - P	· · · · · · · · · · · · · · · · · · ·	WELL NO:	
FARM NAME:	M.W. Spencer		•	
RESPONSIBLE PARTY	NAME: R.L. Wha	rton, LTD		
•	Tyler		DISTRICT:	McElroy
COUNTY:	Shirley 7.5'			
QUADRANGLE:				
SURFACE OWNER:	Spencer Heirs	, C/O Janice Sper	icer	
ROYALTY OWNER:	Spencer Heirs	/Assigns		
UTM GPS NORTHING:	4,364,638	(NAD 27)	-	
UTM GPS EASTING:	517,242	(NAD 27)	GPS ELEVATION:	314 m. (1,029')
height al 2. Accurac 3. Data Co Survey Grad Mapping Gr	NAD 1983, Zone:17 Northbove mean sea level (MSL by to Datum - 3.05 meters of the control of the	ed Differential Differential Sed Differential Differential Differential	X X my knowledge and	RECEIVED Office of Oil & Gas Permitting SEP 18 2002 WV Department of Environmental Protectio
belief and shows all the prescribed by the Office	ce of Oil and Gas.			•
R-S WS	^	ton	President	
Signature O	1/10/02		Title	
Date			•	
			1	
	•		utm coord:	s. converted to
		\$ **:	7,5'loc	39°27′30″
	· .		: 1,75 mi. S.	39°27′30″

0,43 mi. W 80°47'30"



80 4730

8/16 102 DO BIELD

Topo Location

7.5' Loc. 1.775 15' Loc. 4.655 0.44W (celc.) 2.67W

Company Qualinstate

Farm MWSpercy 10

15' Quad West Union ne (sec.)

7.5' Quad Shuley

District Mc Alnoy

WELL LOCATION PLAT

County 095 Permit 654

6-6

(093)

[If applicable due to multiple completion--]

Gas: Initial open flow, ___

Final open flow,

Second producing formation

Time of open flow between initial and final tests, _____ hours

Static rock pressure, _____ psig (surface measurement) after _____ hours shifting

Final open flow,

Mcf/d Oil: Initial open flow,

Mcf/d

Bb1/d
Bb1/d JUN 4

Pay zone depth

[08-78]

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

Shot with 30 qt. nitroglycerine on 4/7/81

WELL LOG

FORMATION	Color	llard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
	· · · · · · ·	i I			coat, oil and gas
Big Lime Big Injun Shale Big Injun			1924 2009 2044 2046	2009 2044 2046 2108	
Shale			2108	2118	
T.D			2118		
	•				
•					
			•	•	
• *					
•					
معقور بينا	1. ·				
			et same		•
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· · · · · · · · · · · · · · · · · · ·					
		•		•	
•					
			,	·	•
•				•	

(Attach separate sheets to complete as necessary)

QUAKER STATE OIL REFINING CORPORATION
Well Operator

min min a a

ts <u>Michael C. Brannock - Sr. Geologist</u>

NOTE: Regulation 2.02(i) provides as follous:

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

FORM IV- (Obverše	2) .	STATE O DEPARTMENT OF MI	F WEST VIRGI	NIA	Date: March	h 6,	108
[08-78]	•		a.		Operator's M.V	J Spencer #	-, -, 10
		OIL AND GAS W	HELL PERMIT A	PPLICATION			
WELL TYPE:	Oil XX/ Gas				API Well No.	State County	- 0905 Perm
	(If "Gas", Produc	tion/ Unde	rground stor	age /	Deep/ Sha		
LOCATION:	Elevation: 10	000 Water	shed:	Indian (Creek	110W/)	
	District: McEl	roy Count	y: Tyler	Qu	adrangle: Shirl		
WELL OPERATO	or QUAKER STATE				-	•	
Addres	s P.O. Box 1327,	OIL KEIG. CORP.	DES		Carl J. Ca	·	
	Parkersburg, W				P.O. Box 1327		·
•	-8,			· -	Parkersburg, W	26101	-
OIL & GAS ROYALTY OWN!	ER S.A. Smith Tr	ust stal					
	S Union National			•	None		
•		Bank		Address _		•	
Acreage	258			-			·
	ER Harry Spenc	er			WITH DECLARATION	ON RECORD:	
	Middlebourn			2			
				Address _	1000	TWE	
Acrenço	258		No.	· · · · · · · · · · · ·		301	·
	(IF MADE) TO:			Add	(set s=3	0 1001	
Name				. Address		<u> </u>	
Address			COAL	- TESSES SES	Ol & GA	S DIVISION	
•	and the second s		Name	, maser at	TH DECLARATION OF	JEMINE!	•
OIL & GAS IN	ISPECTOR TO BE NOT	IFIED					
	hillip L. Tracey	•	•	Nadress		:	 -
Address	Rt. #3			<u> </u>			
	Alma, WV 26	5320 .	•				
mı		•	•				
location and	e undersigned well	l operator is ent:	itled to oper	rate for oi	l or gas purnoses	at the above	
undered and	er a deed/.	lease XX / oti	her contract	/ date	ed <u>May 11, 189</u>	4, XXX	e the
[If said don	well operator from	M.W. Spence	er to Victor	0i1 & Gas	s (assigned to	Quaker State)
	d, lease, or other						
County None	Oct. 5, 1894, X	in the of	ffice of the	Clerk of th	he County Commiss	ion of Tyl	er
PROPOSE	Virginia, in De	eed Book	24 at pag	: 68 & 69	A permit is req	นอดากปัจเต ถือไ	Joas:
Well drille	D WORK: Drill	_/ Drill deeper_	/ Redrill	/ Frac	cture or stimulate		
1917		old formation	/ Perfora	te new form	nation/		. •
	ocher pny	sical charge in v	vell (spectfy	Pull 4	3/4" (974') and	run 4 1/2"	
•		1920' with packe					
The	intumed	l as shown on the	work order o	n the rever	rse side hereof.		
Objection the	e above named coal	operator, coal c	owner(s), and	coal less	e are hereby not:	ified that an	y -
of Mines with	ey wish to make or	are required to	make by Code	§ 22-4-3 r	rust be filed with	i the Departme	ent
Cor	hin fifteen (15) d	mys after the rec	cipt of this	Application	on by the Departme	ent.	
by remistored	ples of this Permi	t Application and	the enclose	d plat and	reclamation plan	have been ma:	ileá
on or before	I mail or delivered	d by hand to the	above named	coal operat	or, coal owner(s)), and coal 10	ess e. .
Charleston b	the day of the ma	illing or delivery	of this Per	mit Applies	ation to the Depar	stment of Min	es a•
	ecan virginiti.		•	•		·	
PLEASE SUBMIT	COPIES OF ALL LOSS DIRECTLY TO:			•		•	٠
	VOIL AND GAS		O UA	KER STATE	OIL REFINING COM	SPORATION ·	
CONSERVAT	TION COMMISSION TON STREET EAST		· ·		Well Openator	TOTALLON	
CHARLESTON, 1	W 25311			Carl J, Ca	rlson		
TELEPHONE: ((304) 345-3092		Ву	Upr	4 / John		
The second of the second	en e		Its	Asst. Dist	rict Production	Manager · · ·	

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

									•	
ORILLING CON	CRACTO	R (IF I	(NOWN)		<u>C</u>	ompany Tools	, 3			
			A	ddres	ss	·				
•	į									
SEDIOCICAL M	ADOEM 1	PODMAM:	.	-	D	· ·				
SEOLOGICAL T.			-						•	
								Rotary/	Cable tools	<u>XX</u> /
								lt, <u>NA</u> feet.		
Approxi	mate c	oal sea	am depth	ns: _		NA · Is	coal being	mined in the are:	a? Yes	/ No XX
CASING AND T	UBING	PROGRAI	બ				. •			• •
CASING OR	1		IFICATIO		1	FOOTAGE	INTERVALS	CEMENT FILL-U	P PA	CYFR 3
TUBING TYPE	Size	Grade	Weight per ft	New	Used	For drilling	Left in w	OR SACKS ell (Cubic feet)	11	•,
Conductor	13"	1				12	12		Kinds	
Fresh water	10")				275	. 0			
Coal	B 1/4') IN	HOLE			1150	0		Sizes	
Intermediate	6 5/8')				1924	1924		01203	
Production	4 3/4')				974	974		Depths set	
Tubing									T STOCKS SEL	
Liners									Perforation	
	I	ulled	4 3/4"	and	run	4 1/2" to 19	920'			
		with	packer	on b	otton	of 4 1/2"			Top	Bottom
		، بدور				·		•	1	
where IslS:d	fracti fracti tamins	separa uring a Asuloh B	nte Form or stimu In ADSTE	IV-1 Clatin	· 2 shall 1.g is 1. THE)	11 not he nec	uired for	any water well or fracturing or stifor which a perm rewith.		
for	drilli	ng	Th	is peri	mit sha	expire if				* .
operati	ons hav	e noi co	mmenged	by.	11-	17-81				
	ون کم)65 <i>zzz</i>		A	0				
			il & Gas			1596		•		
						impleted by 11 la declaration (15) days of		erator and by any ode § 22-4-20, if hereof:	coal owner the permit	•
						WAIVE	<u>R</u>		•	
well location has the work pro	exami n, the posed	ned the well to be	done at	osed n has	well been	location. I added to the	f a mine map.	essee / of the ap exists which ear the undersigned one rator has coming regulations.	evers the ar	ea of the
		•				4		•		• : •
						• • • •			in the state of	
te:			, 19							
•			. •			•	Bv	· · · · ·	• • • • • • • • • • • • • • • • • • • •	

DRILLER'S RECORD

Previously Requested, but NOT AVAILABLE

DATE: _____

MW Spencer #10

095 654 COUNTY PERMIT

WVGES 0%G Data System Listing:	2/25/1991		NO	TE: All well	derths mea	sured i	n feet.	from surf	antch anc'
ID: CDUNTY: 095 (TYLER) PE	RMIT: 654	SFX: O (New	Location)	REASSIGNE	D ID #: (rium Juli	ore goldm
COMPLETION INFO: ELEVATION: ELEVATION TYPE: (Groun	G d Lv1)	COMP REC FLAG: F	(not@DOE/OGIS) (IG TYPE: 0 (unknown)	* LOCATIO * INFO: *	N TAX DST:	DE IDF:	GREES 00	MINUTES 00.0	MILES 0.009
CLASSIFICATION: INITIAL: (unclassified)	DATES: M SPUD:	H/DD/YYYY / / WF	il TYPF: n	* * *	LONGITI QUADRAN	JDE: ile:	00	00.0	0.001
CLASSIFICATION: INITIAL: (unclassified) FINAL: (unclassified) FIELD: 000 (Unnamed)	COMP: BATCH: YEAR RPTD:	/ / CH	(Unknown) PL METH: 0 (unknown)	* *	15' LATITU LONGITU QUADRANG	IDE: GLE:	00 00	00 00	0.009 0.000
OPEN GAS-BEFORE TREATMENT: FLOW: GAS-AFTER TREATMENT:	(MCFPD) OI (MCFPD) OI	L-BEFORE TREATM L-AFTER TREATME	IENT: (BOPI NT: (BOPD	i) *) * utm	5′ SE EASTING:		N	ORTHING:	
ROCK NATURAL (PSI): 0 PRESSURE: TREATED (PSI): 0	TIME (NA	TURAL, IN HOURS	0:0	* *	COOF	RDINATE :	DIGITIŽ	D (Y/N):	
	IIME (IK NEW FTG: 0	TURAL, IN HOURS EATED, IN HOURS EXPL TESTED: ()); () FTC+ A	* OWNER * INFO:	STATUS: C	(Cmplto	d) MWSi	DATE: Pencer 10	/ /
	HE# FID+ V	EXFL TECTED+	riu; V	*	OIL&GAS COMPANY	OWNER:			
DEEPEST FM: AT TOTAL DEPTH:		()		* *	OPERATOR	: 0721	(Quake)	· State)	
MECHANICAL LOG INFO: S LOGS AVAI	TATUS: LABLE: GR,*	RANGE OF	INTERVALS:	0- 2116 I MICROFII	EEPEST FM M ROLL NUM	LOGGED: BER(S):	88		
PRODUCTION INFO: GAS_(VOLUMES IN MCF);									
YEAR REPORTING OPER STS JA	N FEB N	AR APR MA	UL MUL Y	L AUG SI	P OCT	NOV	DEC	A 3 1 3 11 1 A 4	PRESSURES: FLOW SHUT
1981 Quaker State									
	0 0	0 0	0 0	0 0	0 0	0	0	0	1 0
OIL (VOLUMES IN BBL); YEAR REPORTING OPER STS JA	V V V FFR M	O O ΔR ΔPR MΔ	0 () V 111a 111	O O	0 0	0	0 DEC	0 Annual	==== ====
OIL (VOLUMES IN BBL):	V V V FEB M = ===== ===	O O ΔR ΔPR MΔ	0 0 Y JUN JU = ====	0 0 L aug se = ===== ====	0 0	0	0	0 Annual	==== ====
OIL (VOLUMES IN BBL): YEAR REPORTING OPER STS JA ==== ===============================	V FEB M/ = ===== ==== 3 62 7	0 0 AR APR MA == ===== 70 61 6:	0 0 Y JUN JUI = ==== ==== 3 71 7:	0 0 L AUG SE = ===== 6 77 7	0 0 P 0CT = ===== 3 77	0 NOV ===== = 75	0 DEC ==== = 77	0 ANNUAL ===== 843	==== ====
OIL (VOLUMES IN BBL): YEAR REPORTING OPER STS JA ==== ===============================	N FEB M/ 3 62 ;	0 0 AR APR MA == ===== 70 61 6:	0 0 Y JUN JUI = ==== ==== 3 71 7 Y JUN JUI = ===== ====	0 0 L AUG SE	0 0 P 0CT 3 77 P 0CT	0 NOV ===== = 75	0 DEC ==== = 77	0 ANNUAL ===== 843	==== ====

12/19/02

API#

00654 47-095-00905

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

DEC 28 2002

AFFIDAVIT OF PLUGGING AND FILLING WELL

www.committees or conjugate or conjugate annual conjugate or conjugate AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

	narry Spencer		Operator Well No.:	Spencer #10	
	Elevation:1000				
	District: McElro	V	Quadrangle: Sh: County:Ty1e	~ *	
	_atitude: 9250	Feet South o	of 80 Deg. 47 Min	n. 30 Sec.	
	Longitude: 2200	Feet West o	of 80 Deg. 47 Min of 39 Deg. 27	Min. 30 Sec.	
Well Type: C	IL GAS	<u>x</u>			
Company: _	Ross & Wharton Rt. 5, Box 29 Buckhannon, WV		Coal Operator NA or Owner		_
Agent: Rot	ert L. Wharton		Coal Operatoror Owner		
Permit Issued	Date: 10/04/02	2			<u>.</u>
			AFFIDAVIT		
	WEST VIRGINIA,				
County of	Upshur s	SS:			
Robert	L. Wharton	andDon	Elmer	being first duly swo	rn according to
iaw depose a	nd say mat mey an	e experienced in	i the work of plugging a	and filling oil and gas v	wells and were
employed by	ne above named w	'ell operator, and	l participated in the work a	of plugging and filling	the ahove well
work was co	mmenced on the	Oil and	Gas Inspector represe	enting the Director, s	say that said
and filled in t	he following manner	r. <u>11 </u>	ay of <u>November</u> 2	002, and that the well	ll was plugged
		•			
TYPE	FROM	ТО	PIPE REMOVED	LEF	
TYPE Ge1	FROM 2118	TO 0	PIPE REMOVED	LEFT	Γ
TYPE Gel Cement	FROM 2118 2100	TO 0 1900		LEF	Γ
TYPE Gel Cement Cement	FROM 2118 2100 1250	TO 0 1900 1100	1200' of 43 6 5/8	1900	Γ
TYPE Gel Cement Cement Cement	FROM 2118 2100 1250 850	TO 0 1900 1100 700	1200' of 4} 6 5/8 Cut holes in 6 5/	1900 '8 from 1200-0	
TYPE Gel Cement Cement Cement	FROM 2118 2100 1250 850 300	TO 0 1900 1100 700 125	1200' of 4} 6 5/8 Cut holes in 6 5/	1900	
TYPE Gel Cement Cement Cement	FROM 2118 2100 1250 850	TO 0 1900 1100 700	1200' of 4} 6 5/8 Cut holes in 6 5/	1900 '8 from 1200-0	
TYPE Gel Cement Cement Cement	FROM 2118 2100 1250 850 300	TO 0 1900 1100 700 125	1200' of 4} 6 5/8 Cut holes in 6 5/	1900 '8 from 1200-0	ound site
TYPE Gel Cement Cement Cement	FROM 2118 2100 1250 850 300	TO 0 1900 1100 700 125	1200' of 4} 6 5/8 Cut holes in 6 5/	1900 '8 from 1200-0	
TYPE Gel Cement Cement Cement Cement Cement Description	FROM 2118 2100 1250 850 300 50 of monument:	TO 0 1900 1100 700 125 0	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6	1900 /8 from 1200-0 5/8 hill slid ard	ound site
TYPE Gel Cement Cement Cement Cement Cement Description	FROM 2118 2100 1250 850 300 50 of monument:	TO 0 1900 1100 700 125 0	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6	1900 /8 from 1200-0 5/8 hill slid ard	ound site
TYPE Gel Cement Cement Cement Cement Cement Description plugging and for	FROM 2118 2100 1250 850 300 50 of monument: illing said well was c	TO 0 1900 1100 700 125 0 6" pipe 54" hompleted on the	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6	1900 /8 from 1200-0 5/8 hill slid ard	ound site
TYPE Gel Cement Cement Cement Cement Cement Description plugging and for	FROM 2118 2100 1250 850 300 50 of monument:	TO 0 1900 1100 700 125 0 6" pipe 54" hompleted on the	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6	1900 /8 from 1200-0 5/8 hill slid ard	ound site
TYPE Gel Cement Cement Cement Cement Cement Description plugging and for	FROM 2118 2100 1250 850 300 50 of monument: illing said well was c	TO 0 1900 1100 700 125 0 6" pipe 54" hompleted on the	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6	1900 /8 from 1200-0 5/8 hill slid ard and that the 2002	e work of
TYPE Gel Cement Cement Cement Cement Cement And furthur	FROM 2118 2100 1250 850 300 50 of monument: illing said well was condended to the condend	TO 0 1900 1100 700 125 0 6" pipe 54" hompleted on the	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6 Digh 10th day of December Whent	1900 /8 from 1200-0 5/8 hill slid ard and that the 2002.	e work of
TYPE Gel Cement Cement Cement Cement Cement Description plugging and the And furthur Sworn and	FROM 2118 2100 1250 850 300 50 of monument: illing said well was contained and the said was co	TO 0 1900 1100 700 125 0 6" pipe 54" hompleted on the extreme this 23°2 day	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6 Digh 10th day of December Whent	1900 /8 from 1200-0 5/8 hill slid ard and that the 2002	e work of
TYPE Gel Cement Cement Cement Cement Cement Description plugging and the And furthur Sworn and	FROM 2118 2100 1250 850 300 50 of monument: illing said well was condended to the condend	TO 0 1900 1100 700 125 0 6" pipe 54" hompleted on the extreme this 23°2 day	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6 Digh 10th day of December Whent	1900 /8 from 1200-0 5/8 hill slid ard and that the 2002.	e work of
TYPE Gel Cement Cement Cement Cement Cement Description plugging and the And furthur Sworn and	FROM 2118 2100 1250 850 300 50 of monument: illing said well was contained and the said was co	TO 0 1900 1100 700 125 0 6" pipe 54" hompleted on the extreme this 23°2 day	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6 Digh 10th day of December Whent	1900 /8 from 1200-0 5/8 hill slid ard and that the 2002.	Ound site Ound site Ound site Official seal NOTARY PUBLIC STATE OF WEST VIRGINIA RENE MURRAY 13 EAGLE 0T. BUCCHARLON, WY 22205
TYPE Gel Cement Cement Cement Cement Cement And furthur Sworn and My commis	FROM 2118 2100 1250 850 300 50 of monument: illing said well was contained and the said was co	TO 0 1900 1100 700 125 0 6" pipe 54" tompleted on the time of time of time of the time of time of time of time of the time of tim	1200' of 43 6 5/8 Cut holes in 6 5/ Could not pull 6 Digh 10th day of December Whent	1900 /8 from 1200-0 5/8 hill slid ard and that the 2002.	e work of OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA ILENE MURRAY 13 EAGLE ST. BUCHANNON, WY 28201