





STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD

Rotary <u>XXX</u>	Oil
Cable	Gas XXX
Recycling	Comb
Water Flood	
Disposal	
	(Kind)

Company Upland Resources, c/o We-Address 299 Park Ave., NY, NY 100	017	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Farm Stanley Keller					- Cu. II. (3Ks.)
Location (waters) Patterson Creek		Size			
Well No. 1 E		20-16 Const			
The surface of tract is owned in fee by		Cond. XXXXXX 11 3/4	95 '	951	Cement to sur
Stanely Keller		9 5/8	33	93.	
Address 105 Whitmore Pr. Silver S	Spring MD	8 5/8	925'	925'	Cement to sur
Mineral rights are owned by same as ab		7			
Address		5 1/2			
Drilling Commenced July 29, 1981		4 1/2		3230	280 sks 50/50
Drilling Completed August 11, 1981		3			Poz-A
Initial open flow cu. ft	_0 bbls.	2		<u> </u>	
Final production 25 MCFAFcu. ft. per day.		Liners Used			•
Well openhrs. before test	RP.				
Well treatment details:		Attach copy of co	ementing reco		· · ·
Perforated by Har	tsell at	2863'-75'; 10			SMCF
		3212'-27'; 10			,
Fractured by Hal	liburton & R	J. Hughes; Is	t stage 59	HCL Aci	d foam,
		cs, 24/40 sand			
2nd	stage, water	foam, 135 bb	ls, 300 sl	cs, 20/40) sand
Coal was encountered at <u>no coal</u> Fresh water <u>80"</u> Froducing Sand Oriskany Sandstone,	eet Marcellus Sh	Salt W	ater	': 3212'-	27 '
Formation Color Hard or Soft	Top Feet	Bottom Feet		Water	* Remarks
Shale + Sandstone	0	2550'			
Marcellus Shale	25501				a desario
Purcell Member of the	2550'	2728'	Ş		eive
Marcellus Shale	2550		Ş		EIVED
	2728'		Ş	SEF	1 1150!
Lower Marcellus Shale		2728"	Ş	SEF	
Lower Marcellus Shale Tioga Bentonite	2728'	2728° 2830°		SEF	1 1150!
	2728 ' 2830 '	2728° 2830° 2919°	Ş	SEF	1 1150!
Tioga Bentonite	2728' 2830' 2919'	2728' 2830' 2919' 2936'	29.3.	SEF	1 1150!
Tioga Bentonite Needmore Shale	2728' 2830' 2919' 2936'	2728' 2830' 2919' 2936' 3076'	2931 79	SEF OIL AC	1 1150!
Tioga Bentonite Needmore Shale Oriskany Sandstone	2728' 2830' 2919' 2936'	2728' 2830' 2919' 2936' 3076' 3234'	2931 70	SEF	1 1150!
Tioga Bentonite Needmore Shale Oriskany Sandstone	2728' 2830' 2919' 2936'	2728' 2830' 2919' 2936' 3076' 3234'	2931 763 773	SEF OIL AC	1 1150!

Formation Color	Hard or Baft	Top Peet	Bottom Feet	Oil, Gas or Water • Remarks
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	- Paragraphic Control of the Control			
	Pringerschungssedan		N .	
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APPROVED Upland Resources
Geological Consultants, Agent



Well No.	1	
Farm	Stanley Keller	ura.
	057- 0061	_
Date Apri	1 29, 1981	*****

STATE OF WEST VIRGINIA OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas /	
(If "Gas", Production X / Ur	nderground storage / Deep X / Shallow /
LOCATION: Elevation: 797.49 Waters	shed: Patterson Creek
District: Cabin Run County	/: Mineral Quadrangle: Keyser
WELL OPERATOR Upland Resources, Inc.	DESIGNATED AGENT Troy Brady
Address P. O. Box 429 Keyser, W. Va. 26726	Address Box 1016
	Keyser, W. Va. 26726
OIL AND GAS	
ROYALTY OWNER Stanley G. Keller, et al Address 105 Whitmore Terrace	_ COAL OPERATOR No Coal
Silver Springs, Md. 20901	Address
Acreage 197 & 90 Ac Tract	
SURFACE OWNER Stanley G. Keller, et al	COAL OWNER(S) WITH DECLARATION ON RECORD:
Address 105 Whitmore Terrace	NAME No Coal Address
Silver Springs, Md. 20901	Address
Acreage 197 & 90 Ac Tract	NAME
	Address
FIELD SALE (IF MADE) TO:	
Address	COAL LESSEE WITH DECLARATION ON RECORD:
	NAME No Coal
	Address
OIL AND GAS INSPECTOR TO BE NOTIFIED:	
NAME Robert S. Stewart	
Address P. O. Box 345	- WAY - 1 1981
Jane Lew, W. Va. 26378	•
Telephone_304-884-7782	OIL & GAS DIVISION
	DEPT. OF MINES
bove location under a deed / lease of the undersigned well operator from Bill said deed, lease, or other contract has	
ecorded on October 24 , 19 77, in the o	ffice of the Clerk of County Commission of
equested as follows:	207 Book at page 559 . A permit is
PROPOSED WORK: Drill X / Drill Deepe	r/ Redrill/ Fracture or stimulate X /
Plug off old formation	/ Perforate new formation /
Other physical change i	n well (specify)
planned as shown on t	he work order on the reverse side hereof.
he above named coal operator, coal owner(sbjection they wish to make or are required epartment of Mines within fifteen (15) day opies of this Permit Application and the called by registered mail or delivered by leading to the called by registered mail or delivered by leading the called by registered mail or delivered by leading the called by registered mail or delivered by leading the called by registered mail or delivered by leading the called by registered mail or delivered by leading the called by registered mail or delivered by leading the called by registered mail or delivered by leading the called by registered mail or delivered by leading the called by registered make or are required by the called by registered make or are required by leading the called	s), and coal lessee are hereby notified that any d to make by Code \$22-4-3 must be filed with the ys after receipt of this Application by the Dept. enclosed plat and reclamation plan have been hand to the above named coal operator, coal ownay of the mailing or delivery of this Application
LEASE SUBMIT COPIES OF ALL	Upland Resources, Inc.
EOPHYSICAL LOGS DIRECTLY TO:	· · · · · · · · · · · · · · · · · · ·
EST VIRGINIA DIL AND GAS	Well Operator
ONSERVATION COMMISSION	By: Michael Vantuck
613 WASHINGTON ST., E.	Michael Bound
HARLESTON, WV 25311 BLANAT BONDI elephone - 304/348-3092	ts: Michael Partridge Manager of Energy Source Planning
	0

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTO	OR (IF	KNOWN)		Troy	Brady			
	A	.ddress	N. William (Miller et) hashquilarine in miller de de	Вох	1016			
		Mar agroup				26726	ndergenongstade registere (s). Her seen states at endorsessational times of	
GEOLOGICAL TARGET	FORMAT	100		Oris	kany			
Estimated depth Approximate was Approximate coal Is coal being r	n of co ter str al seam	mpleted ata dept depths:	No	one	6	et。 Rotal feet; s	y / Cab salt,	le tools X / feet.
CASING AND TUBING			ONE		IFOOTACE	LUTEDUALC	CENEUT ELL	DACKEDO
CASING OR TUBING TYPE Size		CIFICATI Weight Iper ft		*	For Dril	- Left in	CEMENT FILL UP OR SACKS Cubic ft.	
Conductor								Kinds
Fresh water 8-5/8 Coal	A	24.7	X	 	400	400	cement to surface	· · · · · · · · · · · · · · · · · · ·
Intermed.			-	 	<u> </u>	 	Surrace	Sizes
Production 4-1/2 Tubing	A	10.5	X		2200	2200	cement to	Depths set
Liners				 			Surrace	Perforations:
								Top Bottom
								:
required by 883-4-8a fro posed well. A separate I	nd Regu Code 8 com the Form IV uring of s note Cocordo the locati The	lation 2 22-4-12a owner of -2 shall r stimul d as suc D AT THE unce with (on is hereb is permit sh	and any and not ating h on WELL Chapter y appro	v) unity (v) to water be red is to the Fo	less previf application well or quired for the part	iously partable, the dwelling was fracture of the wo	d on the sa consent req within 200 f ing or stimu ork for whic	me well, the fee uired by Code eet of the pro- lating a well h a permit is
The following on coal less in to be issued to be included to be in	see who sued wi al oper ned this scation to complie	has rec thin fif ator_ s propos , the we o the wo d with a	orded teen / own ed we 11 lo	a dec (15) d <u>W A I</u> er 11 location oposed	elaration lays of r V E R / lessee cation. n has bee d to be c	under Codeceipt the	de \$22-4-20, creof: the coal und map exists of the mine mine mine mine mine mine mine min	which covers the map. The under- provided the
Date:	, 19							en e
				В	γ:			

WR-38 24-Oct-95

STATE OF WEST VIRGINIA FEB 2 (1996 DIVISION OF ENVIRONMENTAL PROTECTION SECTION OF OIL AND GAS

Permitting Affidavit of plugging and filling well

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

				cor ac enerr
KELLER, ST.	ANLEY	Operator	Well No.:STAN	KELLER #1
District:	CABIN RUN	South of 39	ounty: MINERAL Deg. 25 Min. 0	Sec.
OIL	GAS x			
Upland Resour 299 Park Aven NY, NY 10017	ces	Coal O or Own	perator N.A.	
Ralph Webb				
ued: 10/23/9	5	OI OWI		
	_	AFFIDAVIT		
named well ng the above	operator, well, and	and participus Phillip Transport Phillip Transport Director.	pated in the wor acy sav that sa	of plugging Oil and id work was
YPE	FROM	TO 3134	PIPE REMOVEL	LEFT
YPE ent	FROM 3234 3134	TO 3134 1615		LEFT
YPE ent ent	FROM 3234 3134 1615 1515	3134 1615 1515 450	1615 of 4½	LEFT
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YPE ent ent	FROM 3234 3134 1615 1515 450 350	3134 1615 1515 450 350	1615 of 4½	LEFT
	Elevation: District: Latitude: Longitude OIL Upland Resour 299 Park Aven NY, NY 10017 Ralph Webb ued: 10/23/9 EST VIRGINIA Upshur Robert Wharton sworn accor rk of plugginamed well ng the above	Elevation: 797.00 Q District: CABIN RUN Latitude: 280 Feet Longitude 270 Feet OIL GAS x Upland Resources 299 Park Avenue NY, NY 10017 Ralph Webb Led: 10/23/95 EST VIRGINIA, Upshur Ss: Robert Wharton Sworn according to law rk of plugging and fill: named well operator, ng the above well, and ctor representing the	Elevation: 797.00 Quadrangle: K District: CABIN RUN C Latitude: 280 Feet South of 39 Longitude 270 Feet West of 78 OIL GAS x Upland Resources Coal O 299 Park Avenue or Own NY, NY 10017 Ralph Webb Coal O or Own ued: 10/23/95 AFFIDAVIT EST VIRGINIA, Upshur Ss: Robert Wharton and sworn according to law depose and rk of plugging and filling oil and on amed well operator, and particing	Upland Resources 299 Park Avenue NY, NY 10017 Ralph Webb Coal Operator or Owner ued: 10/23/95 AFFIDAVIT EST VIRGINIA, Upshur ss: Robert Wharton sworn according to law depose and say that they are rk of plugging and filling oil and gas wells and we named well operator, and participated in the worn g the above well, and Phillip Tracy ctor representing the Director, say that sa