DW 57

		ell Report	For Office Use Only:
CHOCTAW	Part I – D Mississippi Department	oriller's Log t of Environmental Quality	Aquifer:
ermit #:	Office of Land a	nd Water Resources	Well #: <b>D-</b> 131
Driller: (RANDY SALES		30x 10631 18 39289-0631	L. S. Elevation:
Date drilling completed: 1-9-07		961-5210	
,		4-6938 (fax)	E-log #:
State Law requires that this repartment at the above address	ort be prepared by the lic is within 30 days of comp	pletion of ariting of the wea	or porentote.
Information on Well	Owner	Well or B	orenole Location
(Landowner if borehole is not		Latitude: 33 . 23 . 10	" Longitude: <u>89 ° 13 , 50 "</u>
Owner Name 1915 Lignite Min	ning CD.	Method of Lat/Long (circle c	ne): Conventional Survey,
Mailing Address: 1000 M Int	be Rd		
Ackernen,			d GPS, Survey-grade GPS
Action		NE 1/4 NE 1/4 Sec_ 34	Twn 18N Rng 10E
City S	tate Zip Code	Distance Direction 2.5 Miles NW	Nearest Town
Iclephone No. (10(2) 387 - 5	5200		
		ehole Data	
Date drilling started: 9-13-07 Date	drilling completed: $1 - 9 - 9$	.07 Hole depth: 185	Hole diameter: <u>4 3/4</u>
Location of the source of any surface w Method of dosing and volume of Chlo	vater used for drilling: rine used in drilling and dev	LITTLE BYWY C	LEACHTOBOO GALWAT
Logs run (circle all applicable): No log Name of organization running log(s):	run Electric Gamma Ra CENTURY G	Ty Density Sonic Neutron	Other:
Purpose of borehole (check one): Water	r Well X Geotechnical/Ge	ological Investigation Grou	nd Source Heat Pump
	nic SurveyOther (descri		
Seisn If drilling is not rela	nted to water well construct	tion, skip the remainder of this	block
Seism If drilling is not rela Purpose of Well (check one): Home	nted to water well construct	tion, skip the remainder of this	
If drilling is not relu	Industrial Public Sup	<u>tion, skip the remainder of this</u> ply Irrigation Fish Cultu	
If drilling is not related by the second sec	Industrial Public Sup lation: Valve et above or below crircle on	t <u>ion, skip the remainder of this</u> ply Irrigation Fish Cultu Other (describe) e) land surface Date measure	re Other:
If drilling is not related by the second sec	Industrial Public Sup lation: Valve et above or below crircle on	t <u>ion, skip the remainder of this</u> ply Irrigation Fish Cultu Other (describe) e) land surface Date measure	re Other:
If drilling is not related   Purpose of Well (check one): Home If   If a flowing well, method of flow regul Static Water Level: $ OD $ feat   Method of Measurement (circle one) Well depth: $ B5 $ Well grouted to	Industrial Public Sup lation: Valve et above or below crircle on steel tape electric tz a depth of 145 feet T	tion, skip the remainder of this ply Irrigation Fish Cultu Other (describe) e) land surface Date measure air line other: ype of grout (circle one): Neat C	re Other: d: <u>3-5-07</u> Cement Rentonite Mix
If drilling is not related   Purpose of Well (check one): Home If   If a flowing well, method of flow regul Static Water Level: $ DD $ feed   Method of Measurement (circle one) Well depth: $ B5 $ Well grouted to   Casing length: $ CB $ feet Image: Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"	Industrial Public Sup lation: Valve et above or below crircle on steel tape electric tz a depth of 145 feet Tr Casing diameter:	tion, skip the remainder of this ply Irrigation Fish Cultu Other (describe) e) land surface Date measure air line other: ype of grout (circle one): Neat C inches Type of casing	re Other: d: <u>3-5-07</u> Cement Rentonite Mix
If drilling is not related   Purpose of Well (check one): Home If   If a flowing well, method of flow regul Static Water Level: $ DD $ feed   Method of Measurement (circle one) Mell depth: $ B5 $ Well grouted to   Casing length: $(58)$ feet General cols   Screen length: $3P$ feet General cols	Industrial Public Sup Industrial Public Sup Industrial Public Sup et above or below cricle on steel tape electric tz a depth of 145 feet T Casing diameter: Screen diameter:	tion, skip the remainder of this ply Irrigation Fish Cultur Other (describe) e) land surface Date measure pe air line other: ype of grout (circle orie): Neat C inches Type of casing inches Type of screen	re Other: d: 3-5-07 Cement Bentonite Mix PVC PVC
If drilling is not related   Purpose of Well (check one): Home If   If a flowing well, method of flow regul Static Water Level: $ DD $ feet   Method of Measurement (circle one) Well depth: $ B5 $ Well grouted to   Casing length: $ CS $ feet O   Screen length: $3D$ feet O   Screen slot size: $O \cdot O$ inclusion Inclusion	Industrial Public Sup Industrial Public Sup Industrial Public Sup et above or below cricle on steel tape electric te a depth of 145 feet T Casing diameter: 4 Screen diameter: 4 hes Setting depth: From	tion, skip the remainder of this ply Irrigation Fish Cultur Other (describe) e) land surface Date measure air line other: ype of grout (circle one): Neat C inches Type of casing inches Type of screen mfeet to	re Other: d: 3-5-07 Cement Bentonite Mix PVC PVC 180 feet
If drilling is not related   Purpose of Well (check one): Home If   If a flowing well, method of flow regul Static Water Level: $ DD $ feed   Method of Measurement (circle one) Mell depth: $ B5 $ Well grouted to   Casing length: $(58)$ feet General cols   Screen length: $3P$ feet General cols	Industrial Public Sup Industrial Public Sup Industrial Public Sup et above or below cricle on steel tape electric te a depth of 145 feet T Casing diameter: 4 Screen diameter: 4 hes Setting depth: From	tion, skip the remainder of this ply Irrigation Fish Cultur Other (describe) e) land surface Date measure air line other: ype of grout (circle one): Neat C inches Type of casing inches Type of screen mfeet to	re Other: d: 3-5-07 Cement Bentonite Mix PVC PVC 180 feet
If drilling is not related   Purpose of Well (check one): Home If   If a flowing well, method of flow regul Static Water Level: $ DD $ feet   Method of Measurement (circle one) Well depth: $ B5 $ Well grouted to   Casing length: $ CS $ feet O   Screen length: $3D$ feet O   Screen slot size: $O \cdot O$ inclusion Inclusion	Industrial Public Supplication:   Industrial Public Supplication:   Iation: Valve   et above or below circle on   steel tape electric tz   a depth of 145 feet T   Casing diameter: 4   Screen diameter: 4   hes Setting depth:   ble): Gravel packed Units	tion, skip the remainder of this ply Irrigation Fish Cultur Other (describe) e) land surface Date measure air line other: ype of grout (circle one): Neat C inches Type of casing inches Type of screen mfeet to	re Other: d: <u>3-5-07</u> Cement Bentonite Mix <u>PVC</u> <u>PVC</u> <u>180</u> feet pen hole Natural Development

1

÷

BY: OLWR

## -131

## The sketch below only required for water wells

If well telescopes, show depths on sketch. Ground Level

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	
Sard	Ground Level	22
Clas	22	72
Lissa: te	72	76
	76	88
clas Wenite	89	91
Clay	<b>A1</b>	110
Limite	110	112
ela	112	145
Linite	145	150
ala	150	147
<u>ci aj</u>	(107	176
Ca. d	(70	176
. Clas	1710	.700
. Chai		

If more than one screen, show location of each on sketch

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) a north arrow. Mining Haul Rood ¥56 Ash Road Ash Road Mine Offices 22 21 V54 sh Road 19 Landowner Name: MS Liquite Minin ¥53 W52 Form: OLWR-SWR-1A

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state

Date

laws. SALERS MS Lic 0779 GM 6-21-07 KANdy

Kandy Salen

Print Name of Responsible Licensee and License No.

Signature of Licensee

BY: OLWE

		LL REPORT		
County: CHOCTAW		art 2	For Office Use	Only:
Permit #:	Pump Installer's Mississippi Department	<b>Completion Report</b> t of Environmental Quality	Aquifer:	
Driller: RANDY SALERS	Office of Land a	nd Water Resources		101
		Box 10631 IS 39289-0631	Well#:	131
Date completed: 1-9-07	(601)	961-5210	Elevation:	
Copy information from block on Part 1		4-6938 (fax)		
This part of the report must be completed b	y a licensed water well o	contractor or a licensed pump i	installer. A copy of Pa	rt 1 of the
report must be attached and both parts file. Well Owner Informatic		t the above dataress within 50 a	ll Location	•
Owner Name: <u>MS Lignite Mining Lo.</u>		Latitude: 33°23'10 "	Longitude: <u>39°1</u>	3'50"
Mailing Address: 1000 METALine Rd		Method of Lat/Long (check one): Conventional Survey,		
Ackerman, ms	31735	USGS quad, Hand-held		
City State Zip Code		NE 1/4 NE 1/4 Sec 3	<u>4 T 18NR 10</u>	E
		Distance Direction Nearest Town		
elephone No. (462) 387-5200		2.5 Miles NW of CHESTER		
Pump Type			ower Type	
Circle one	Submersible		Circle one ine Engine N	atural Gas
Air Lift Jet (	Turbine	Electric Motor Hand		actor PTO
Bucket Piston	Flowing Well		r (specify):	
Centrifugal Rotary	rlowing wen	Horse Power Rating of Moto		
Other (specify):				
Date Pump Installed:		Setting Depth: 148	feet	
Rated Pump Capacity: 7.5	Gallons Per Minute	Number of Stages:		
Pump Test Data			leasuring Water Leve	1
Date Well Tested: 3-6-07			Circle one	
	Below Land Surface	Air Line Electric M	easuring Line St	eel Tape
110	Below Land Surface	Other (specify):		
.10	Below Land Surface	For flowing well, measured	shut in head.	feet
Test Pumping Rate:		Well yielded		
Duration of Pump Test (minimum 4 hours)		4B feet after	11	of pumping
I hurstion of Pump Leet (minimum 4 hours)	:			or pamping