	<b>State Well Report</b>	For Office Use Only
County: Simpson	Part 1 – Driller's Log	
Permit #: GW 16807	Mississippi Department of Environmental Qualit Office of Land and Water Resources	
Driller: Wesley Dillon	P.O. Box 2309	Well #: <u>D87</u>
Date drilling completed: 1/20/2012	Jackson, MS 39225 (601)961- 5210 (601)961- 5228 (fax)	L. S. Elevation: <u>382</u> E-log #:
State I an equipe that this area	] rt be prepared by the license holder responsible f	
	s within 30 days of completion of drilling of the	
Information on Well ( <i>Landowner if borehole is not f</i>		Borchole Location
Owner Name D'Lo Gas Storage	Latitude: VV 09 9011	3 Longitude: N 32'011
Owner Name_DEO GAS Storage Mailing Address: 1002 E. St. Ma	89-54-	04 32-00443 k one): Conventional Survey
Mailing Address: TOOZ L. Ot. IVIA	USGS quad O Hand-he	d GPS O Survey-grade GPS
	A 70502 5W 4 NW 4 Sec 10	$5 \checkmark _{Twn} 2N \checkmark _{Rng} 4E$
Lafayette L	A 70303	
	ate Zip Code Distance Directio	
Telephone No. (337) 234-2326	Itolul	DEO
	Well / Borcholc Data	<u></u>
11/20/2011	1/20/2012 1902'	9 7/8"
Date drilling started: Date dr	rilling completed: 1/20/2012 Hole depth: 1902'	Hole diameter 0 170
Location of the source of any surface wat Method of dosing and volume of Chlorin	ter used for drilling: Supply Well drilled by T are used in drilling and development: NONE	hompson Brothers
	Electric Gamma Ray Density Sonic Neutro	nOther:
Name of organization running log(s): <u>GR</u>	INER DRILLING SERVICE, INC.	аунания — — — — — — — — — — — — — — — — — — —
Purpose of borehole (check one): Water W	Vell 💽 Geotechnical/Geological Investigation 🔘 Gro	und Source Heat Pump
Seismic	Survey Other (describe)	
If drilling is not related	d to water well construction, skip the remainder of this	s block
Purpose of Well (check one): Home O	Industrial Public Supply Irrigation OFish Cult	1re 🖸 Other:
Purpose of Well (check one): Home O		ure <b>O</b> Other:
If a flowing well, method of flow regulation		
If a flowing well, method of flow regulation Static Water Level: <u>131.42</u> feet a	on: Valve Other (describe)	
If a flowing well, method of flow regulation Static Water Level: <u>131.42</u> feet al Method of Measurement (check one) stee	on: Valve Other (describe) bove O or below O land surface Date measur	<sub>ed</sub> : <u>3/12/2012</u>
If a flowing well, method of flow regulated Static Water Level: <u>131.42</u> feet al Method of Measurement (check one) stee Well depth: <u>1900'</u> Well grouted to a de	on: Valve Other (describe) bove $\bigcirc$ or below $\bigodot$ land surface Date measur el tape $\bigcirc$ electric tape $\bigodot$ air line $\bigcirc$ other: epth of <u>1700'</u> feet Type of grout (check one): Neat Cen	<sub>ed</sub> : <u>3/12/2012</u>
If a flowing well, method of flow regulated Static Water Level: <u>131.42</u> feet al Method of Measurement (check one) stee Well depth: <u>1900'</u> Well grouted to a de Casing length: <u>1700'</u> feet Casi	on: Valve Other (describe) bove O or below O land surface Date measur el tape O electric tape O air line O other: epth of 1700' feet Type of grout (check one): Neat Cerr ng diameter: 6" inches Type of casing	ed: 3/12/2012 nent OBentonite OMix O
If a flowing well, method of flow regulated Static Water Level: <u>131.42</u> feet al Method of Measurement (check one) stee Well depth: <u>1900'</u> Well grouted to a de Casing length: <u>1700'</u> feet Casi	on: Valve Other (describe) bove O or below O land surface Date measur el tape O electric tape O air line O other: epth of 1700' feet Type of grout (check one): Neat Cerr ng diameter: 6" inches Type of casing	ed: 3/12/2012 ment Bentonite Mix Black Steel Pipe Based, S.S. Wire Wrapped
If a flowing well, method of flow regulation Static Water Level: <u>131.42</u> feet at Method of Measurement (check one) stee Well depth: <u>1900'</u> Well grouted to a de Casing length: <u>1700'</u> feet Casi Screen length: <u>100'</u> feet Scree Screen slot size: <u>.010</u> inches	on: Valve Other (describe) bove O or below O land surface Date measur el tape O electric tape O air line O other: epth of <u>1700'</u> feet Type of grout (check one): Neat Cerr ng diameter: <u>6"</u> inches Type of casing cen diameter: <u>4"</u> inches Type of screen	ed: 3/12/2012 hent Bentonite Mix Black Steel Pipe Based, S.S. Wire Wrapped 00'fcet
If a flowing well, method of flow regulation Static Water Level: <u>131.42</u> feet at Method of Measurement (check one) stee Well depth: <u>1900'</u> Well grouted to a de Casing length: <u>1700'</u> feet Casi Screen length: <u>100'</u> feet Scree Screen slot size: <u>.010</u> inches	on: Valve Other (describe) bove O or below O land surface Date measur el tape O electric tape O air line O other: epth of <u>1700'</u> feet Type of grout (check one): Neat Cerr ng diameter: <u>6"</u> inches Type of casing cen diameter: <u>4"</u> inches Type of screen Setting depth: From <u>1700'</u> feet to <u>18</u>	ed: 3/12/2012 hent Bentonite Mix Black Steel Pipe Based, S.S. Wire Wrapped 00' feet
If a flowing well, method of flow regulated Static Water Level: <u>131.42</u> feet at Method of Measurement (check one) stee Well depth: <u>1900'</u> Well grouted to a de Casing length: <u>1700'</u> feet Casi Screen length: <u>100'</u> feet Scree Screen slot size: <u>.010</u> inches Type of completion (check all applicable)	on: Valve Other (describe) bove O or below O land surface Date measur el tape O electric tape O air line O other: epth of <u>1700'</u> feet Type of grout (check one): Neat Cen ng diameter: 6" inches Type of casing cen diameter: 4" inches Type of screen Setting depth: From <u>1700'</u> feet to <u>18</u> : Gravel packed Underreamed Telescope Other (describe):	ed: 3/12/2012 hent Bentonite Mix Black Steel Pipe Based, S.S. Wire Wrapped 00'feet d Open hole

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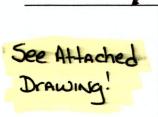
MAR 2 1 2012

BY: OLWR

D87

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)	To (depth)
	Ground Level	
SEE ATTACHED DRILLERS LOG		
	1	

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.

SEE Attached Picture and directions.

Landowner Name: D'LO Gas Storage

Form: OLWR-SWR-1A (04/08)

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 laws.

Date

Charles H. Griner

03/20/2012

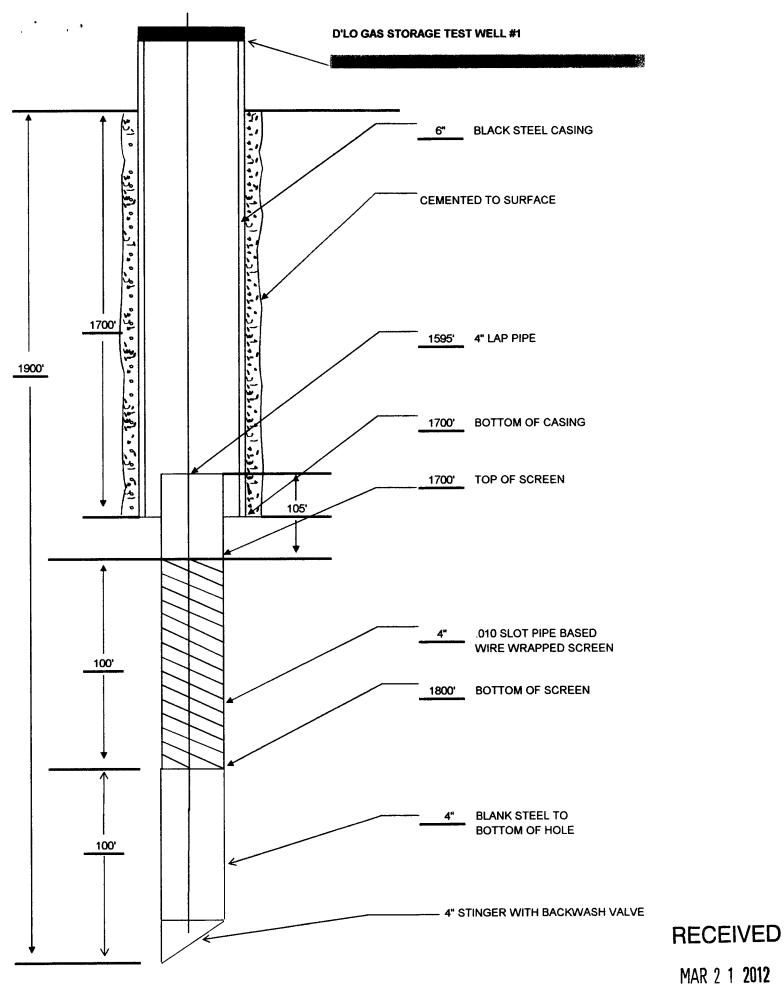
Charle H. Isun

Print Name of Responsible Licensee and License No.

0-184

Signature of Licensee

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BY: OLWR

## GRINER DRILLING SERVICE, INC.

## **Drillers** Log

Owner:D'Lo WaterWell Number:Test Well No. 1

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Date: 1/20/2012

Sand & Clay 0   Clay 132   Clay & Sand 162   Clay & Sand 162   Clay & Rock 350   Clay, Rock & Sand 380   Sand & Clay 442   Sand, Clay & Rock 472	132 162 290 350 380 442 472 504 536
Clay & Sand 162   Clay 290   Clay & Rock 350   Clay, Rock & Sand 380   Sand & Clay 442	290 350 380 442 472 504
Clay 290   Clay & Rock 350   Clay, Rock & Sand 380   Sand & Clay 442	350 380 442 472 504
Clay & Rock 350   Clay, Rock & Sand 380   Sand & Clay 442	380 442 472 504
Clay, Rock & Sand380Sand & Clay442	442 472 504
Sand & Clay 442	472 504
	504
Sand Clay & Rock 472	
	536
Rock & Clay 504	000
Clay 536	598
Sand & Clay 598	660
Clay 660	690
Clay & Sand 690	754
Rock, Clay & Sand 754	786
Sand & Clay 786	880
Clay & Rock 880	910
Rock, Clay & Sand 910	942
Sand & Clay 942	974
Sand 974	1036
Clay 1036	1068
Rock & Clay 1068	1098
Sand 1098	1162
Sand & Clay 1162	1194
Sand 1194	1224
Sand & Clay 1224	1256
Clay, Sand & Rock 1256	1348
Clay & Rock 1348	1412
Clay 1412	1442
Clay & Rock 1442	1504
Sand, Clay & Rock 1504	1536
Rock & Clay 1536	1630
Sand, Clay & Rock 1630	1682
Clay & Sand 1682	1700
Sand 1700	1800
Clay & Sand 1800	1818
Sand 1818	1832
Clay & Sand 1832	1880
Clay, Rock & Sand 1880	1902

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MAR 2 1 2012

BY: OLWR

County: SIMPSON		LL REPORT	For Office Use Only:
		art 2 Completion Report	Aquifer:
Permit #: <u>GW16807</u>	Mississippi Department	t of Environmental Qua	lity
Driller:		nd Water Resources Box 2309	Well #:
Date completed: 03/16/2012		MS 39225	
Copy information from block on Part 1		961-5210 1-5228 (fax)	Elevation:
This part of the report must be completed by	<b>a licensed water well</b> c	ontractor or a licensed	pump installer. A copy of Part 1 of the
report must be attached and both parts filed Well Owner Information		the above address wit	hin 30 days of well completion. Well Location
Owner Name: D'LO Gas Storage,		Latitude: W 89'9	0113 Longitude: N 32'01184
Mailing Address: 1002 E. St. Mary			check one): Conventional Survey O,
		USGS quad O. Ha	and-held GPS O, Survey-grade GPS
Lafayette LA	70503		4 Sec 16 T 2N R 4E
City State Telephone No. (337) 234-2326	Zip Code	Distance Dir	ection Nearest Town RTH_of_D'LO
	·····		· · · · · · · · · · · · · · · · · · ·
Pump Type Check one Air Lift O Jet O S	Submersible 💿	Diesel Engine 🕥	Power Type Check one Gasoline Engine Natural Gas
	urbine O	Electric Motor	Hand O Tractor PTO O
Centrifugal O Rotary O H	Flowing Well 🔿	Windmill O	Trailer Mounted Generator
Other (specify):	II on 3/16/2012	Horse Power Rating of	of Motor: 40
Date Pump Installed: 03/7/2012		Setting Depth: 911	feet
Rated Pump Capacity:G	allons Per Minute	Number of Stages: 2	2
Pump Test Data		Metho	d of Measuring Water Level
Date Well Tested: March 12 & 13, 2012		Air Line O Elec	Check one tric Measuring Line O Steel Tape O
Static Water Level (A): <u>131.42</u> Feet Be	low Land Surface		
Pumping Water Level (B): 753.65 Feet Be	low Land Surface	Guier (specify).	
Drawdown [(B) - (A)]: <u>622.23</u> Feet Be	low Land Surface	-	sured shut in head:feet
Test Pumping Rate: 196 to 155 Ga	allons Per Minute	Well yielded 155	GPM with a drawdown of
Duration of Pump Test (minimum 4 hours): 2	5 hours	622.23 tcc	t after 25 hours of pumping
This is for (check one): New Well	Replacement of Exis	ting Pump O R	epair of Existing Pump O
	· · · · · · · · · · · · · · · · · · ·		
I HEREBY CERTIFY that the above statemen	ts are true to the best of	my knowledge.	1 1 91
Charles H. Griner 0-18			ark H. Drive
Print Name of Pump Installer and License No.	(if applicable)	Signature of	Pump Installer Form: OLWR-SWR-1C (07-09)
			MAR

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