

1/81 WTO

Recorded by ND  
Date 2-19-85

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

3/85

Well No. D30  
E-Log No. 554  
County KANKIN  
Leesburg Quad

Site ID 3.2.24.25.0.8.9.5.0.1.9.0.2 R=0\* T=A\* 2=W\*

GEN. SITE DATA

Data reliab. 3=C\*<sup>C</sup> Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=121\*  
Lat. Long. 9=3.2.24.25\* 10=0.8.9.5.0.1.9\* Well No. 12=D.0.30\*  
Location 13=SWNE S 36 T 0.7 N R 0.4 E\* Alt. 16=380\* 371  
Hyd. Unit (OWDC) 20= Date 21=00.1.00.1.1984\*  
Well use 23=W\* Water Use 24=N\* Hole depth 27=560\* Well depth 28=560\*  
WL 30=156\* Date 31=00.1.00.1.1984\* Source 33=D\* JN CCKF  
Status 273= Project No. 5=

OWNER

R=158\* T=A\* Date 159#00.1.00.1.1984\* Owner No. EIT CARBON DIOXIDE PLANT  
Owner 161#SHELL WESTERN  
Airgas Carbonic Enterprises

FIELD QV

R=192\* T=A\* Date 193# Temp. 196#00010\* 197=  
R=192\* T=A\* Date 193# Cond. 196#00095\* 197=  
R=192\* T=A\* Date 193# pH 196#00400\* 197=

CONSTR.

R=58\* T=A\* 59# 1\* Date 60=00.1.00.1.1984\* Remarks  
Drlg. 63=1.84\* Name GRINER Method 65=H\* Finish 66=S\*

CASING

R=76\* T=A\* 59# 1\*  
Top csng. 77# 0\* Bot. csng. 78=5.04\* Diam. 79# 6.5\*  
R=76\* T=A\* 59# 1\*  
Top csng. 77# 5.04\* Bot. csng. 78=5.30\* Diam. 79# 4\*

OPENINGS

R=82\* T=A\* 59# 1\* Top 83# 5.30\* Bottom 84# 5.60\*  
Type 85=S\* Diam. 87=A\* Size 88=.008\*  
R=82\* T=A\* 59# 1\* Top 83# Bottom 84#  
Type 85= Diam. 87= Size 88=

YIELD

R=146\* T=A\* 147# 1\* Q 150=1.00\* Q/S 272=

134 flows 146 pumped

R=42\* T= A \* Lift type 43# T\* Intake 44=     \* Power type 45= E\*

LIFT Date 38= 00/100/1984\* H.P. 46= 15.\*

LOGS  
 R=198\* T= A \* Log 199# D\* Top 200=     0.\* Bot 201= 560.\*  
 R=198\* T= A \* Log 199# E\* Top 200= 42.\* Bot 201= 1200.\*  
 R=189\* T= A \* E Log No. 190# 554\* 191= M I S S D I S T \*

ANAL. R=114\* T= A \* Year 115#     \* 117=     \* 120=     \*

AQUIFERS  
 R=90\* T= A \* 256# 1 \* Top 91= 50.8.\* Bot 92= 560.\*  
 Unit ID 93= 124CCKF\* Name of Unit \_\_\_\_\_  
 R=90\* T= A \* 256# 1 \* Top 91=     .\* Bot 92=     .\*  
 Unit ID 93=     \* Name of Unit \_\_\_\_\_

HYDRAULICS  
 R=98\* T= A \* 99# 1 \* Unit tested 100=     \* 103=     \*  
 R=105\* T= A \* 99# 1 \* Test No. 106#     \*  
 107=     \* Transmissivity (gal/d)/ft \_\_\_\_\_  
 108=     \* Hydraul. cond. (gal/d)/ft<sup>2</sup> \_\_\_\_\_  
 110=     \* Storage coeff. Boundaries \_\_\_\_\_

R=121\* T= \* Yr Begin 122#     \* Network 258#     \*

Water Level Data Collection (1)

TOP SOIL	0	2
CLAY	2	230
SAND	270	272
CLAY	272	328
SAND	308	382
CLAY	382	412
SAND	412	450
CLAY + SAND STRATA	450	508
SAND	508	560

RANKIN CO.  
 D30  
 00/00/1984

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES  
 Bureau of Land and Water Resources  
 Southport Mall  
 P.O. Box 10631  
 Jackson, Mississippi 39209  
**WATER WELL DRILLERS LOG**

02

CODED

19 84 GRINER DRILLING SERVICE RANKIN  
 date well completed firm name county well located

LANDOWNER: <u>SHELL WESTERN</u>	description of formations encountered	from	to
<u>E &amp; T - CARBON DIOXIDE PLANT</u>			
<u>NEW ORLEANS, LA.</u> (mailing address)	<u>TOP SOIL</u>	<u>0</u>	<u>2</u>
	<u>CLAY</u>	<u>2</u>	<u>230</u>
	<u>SAND</u>	<u>230</u>	<u>272</u>
	<u>CLAY</u>	<u>272</u>	<u>328</u>
	<u>SAND</u>	<u>328</u>	<u>382</u>
	<u>CLAY</u>	<u>382</u>	<u>412</u>
	<u>SAND</u>	<u>412</u>	<u>450</u>
	<u>CLAY &amp; SAND STREAKS</u>	<u>450</u>	<u>508</u>
	<u>SAND</u>	<u>508</u>	<u>560</u>

WELL LOCATION: NE 1/4 S 1/4 NE 1/4  
 sec. 36 T. 2 S. R. 4 E.  
 (distance) miles (direction) of (nearest town)

WELL PURPOSE:  
 (home, irrigation, municipal, Industrial)

WELL COMPLETION DATA:

- (1) diameter (inches) 6 5/8
- (2) total depth (feet) 560 ft.
- (3) static water level (feet) 156 below top of ground.
- (4) casing Steel, 504 ft.  
 (material) (depth)  
6 5/8" if telescope see back.  
 (size)
- (5) screen 30 @ 530  
 (length) (depth to top)  
4 1008 304 S.S.  
 (size) (material)
- (6) pump 15 100  
 (HP) (yield gpm)  
Elet. (440 V.)  
 (type power)
- (7) electric log Yes  
 (yes or no)  
Miss. Geol. Survey  
 (organization running log)
- (8) how well bottom plugged BACK WAS  
WAVE & 5 1/2" stringer

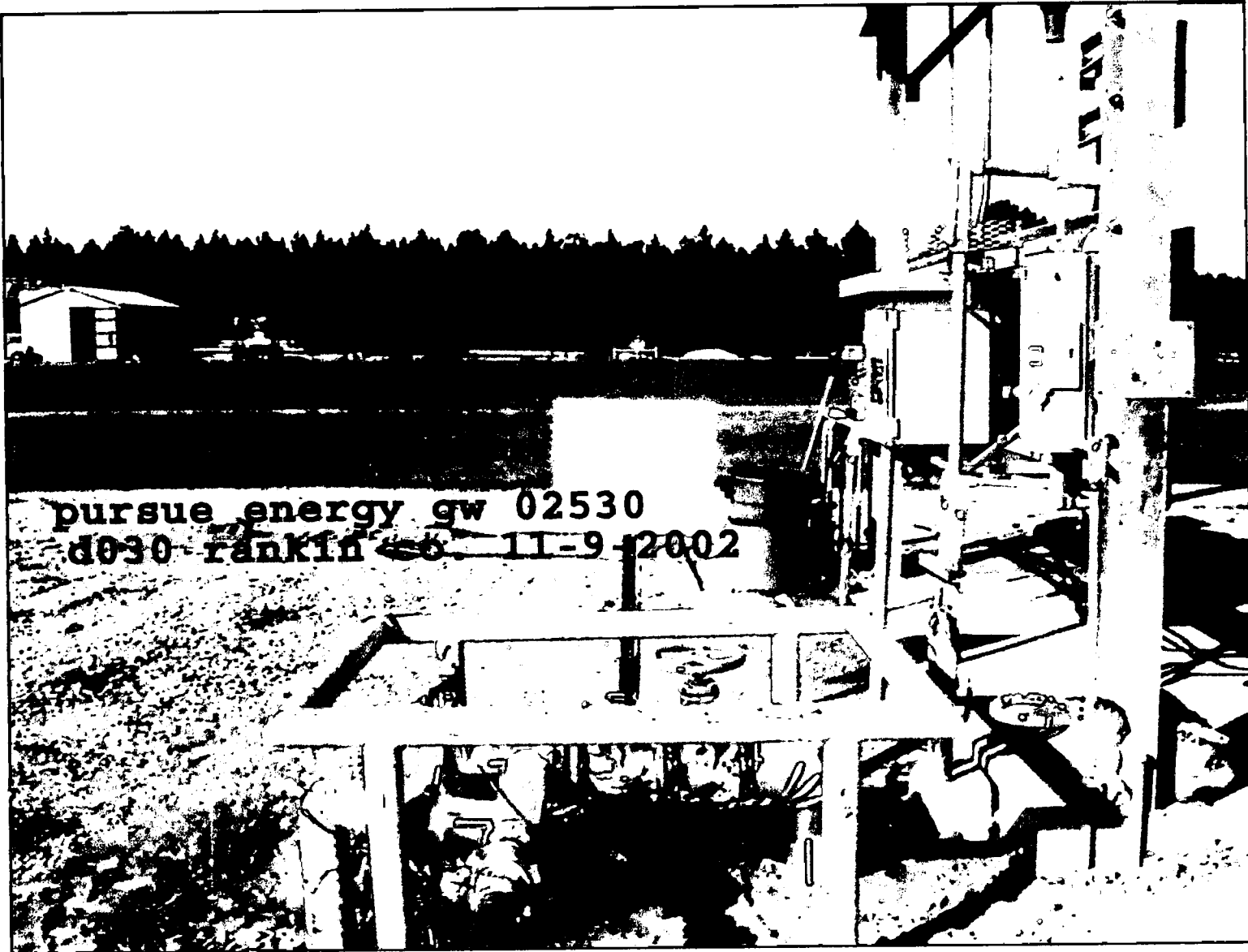
RECEIVED

FEB 8 1985

DRILLERS REMARKS:

Department of Natural Resources  
 Bureau of Land & Water Resources





pursue energy gw 02530  
d030-rankin 6-11-9-2002



Target is 32° 24' 21"N. 89° 50' 25"W - LEESBURG quad [Quad Info]

