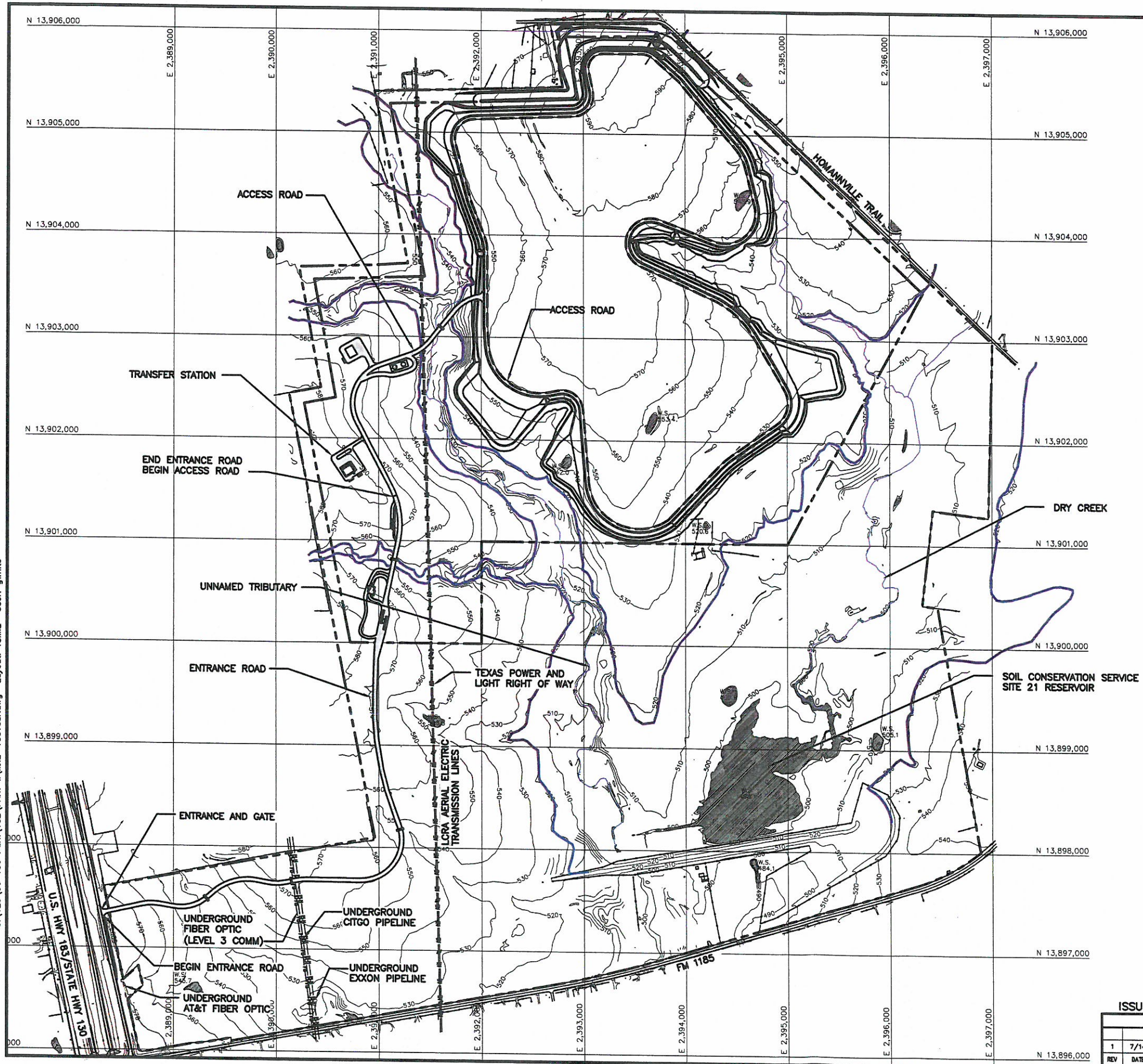


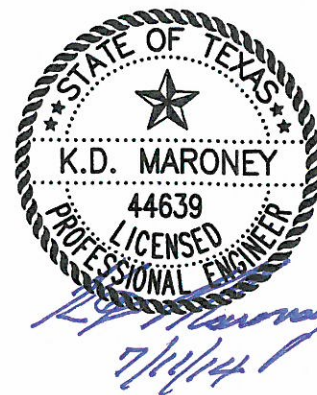
**130 ENVIRONMENTAL PARK**  
**APPENDIX II I**  
**FLOODPLAIN DOCUMENTATION**





NOTES:

1. CONTOURS AND ELEVATIONS PROVIDED BY DALLAS AERIAL SERVICE FROM AERIAL PHOTOGRAPHY FLOWN MAY 13, 2013. HORIZONTAL DATUM IS TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (NAD 83). ELEVATIONS ARE RELATIVE TO NAVD88 - GEOID 12A.
2. PROPERTY BOUNDARY, FACILITY BOUNDARY, EASEMENT LOCATIONS, AND PERMANENT BENCHMARK PROVIDED BY HODDE & HODDE LAND SURVEYING, INC.
3. REFER TO PART III, ATTACHMENT C2 - FLOOD CONTROL STUDY FOR FLOODPLAIN TO DETERMINE LIMITS OF 100 - YEAR FLOODPLAIN.



ISSUED FOR PERMITTING PURPOSES ONLY

REVISIONS								TBPG FIRM NO. F-256		TBPG FIRM NO. 50222	
1	7/14	N.O.D. NO. 2 RESPONSE	GLW	KDM	KDM	KDM	KDM	DSN.	KDM	DATE : 1/14	DRAWING
REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY	CHK.	DWN.	GLW	SCALE : GRAPHIC	II 1.2
								CHK.	KDM	DWG : IJ.2-100Year.dwg	

100-YEAR FLOODPLAIN

130 ENVIRONMENTAL PARK, LLC  
130 ENVIRONMENTAL PARK  
TYPE V REGISTRATION APPLICATION



BIGGS & MATHEWS  
ENVIRONMENTAL  
CONSULTING ENGINEERS  
MANSFIELD • WICHITA FALLS  
817-563-1144



**130 ENVIRONMENTAL PARK**

**APPENDIX IIJ  
LOCATION RESTRICTION CERTIFICATIONS**

## CONTENTS

---

EASEMENTS AND BUFFER ZONES .....	IIJ-1
FLOODPLAINS .....	IIJ-2
GROUNDWATER .....	IIJ-3
ENDANGERED OR THREATENED SPECIES .....	IIJ-4
WETLANDS .....	IIJ-5



**LOCATION RESTRICTION  
CERTIFICATION OF COMPLIANCE  
EASEMENTS AND BUFFER ZONES**

**General Site Information:**

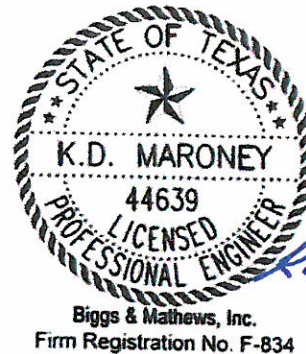
Site: 130 Environmental Park  
Site Location: Caldwell County, Texas  
TCEQ Registration Application No.: MSW-40269

**Statement of Compliance:**

I, Kerry D. Maroney, P.E., certify that the site indicated above will be in compliance with the Easements and Buffer Zones Location Restriction, as stated in 30 TAC §330.543 – Easements and Buffer Zones.

Firm: Biggs & Mathews, Inc.  
Address: 2500 Brook Avenue  
Wichita Falls, TX 76301

Signature,  
Seal, and  
Date



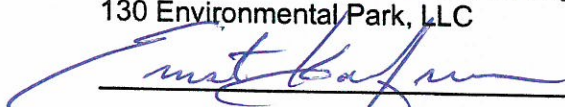
Supporting documentation is provided in Part II, Appendix IIA – Maps and Drawings, Drawing IIA.7 – General Site Plan.

**Owner / Operator of Site:**

Owner / Operator: 130 Environmental Park, LLC  
Address: 134 Riverstone Terrace, Ste. 203  
Canton, GA 30114-1703  
Official's Name and Title: Ernest Kaufmann, President and Manager of  
130 Environmental Park, LLC

Signature:

Date:

  
7-11-14

**LOCATION RESTRICTION  
CERTIFICATION OF COMPLIANCE  
FLOODPLAINS**

**General Site Information:**

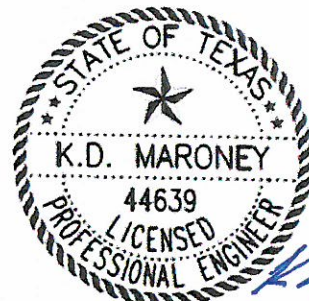
Site: 130 Environmental Park  
Site Location: Caldwell County, Texas  
TCEQ Registration Application No.: MSW-40269

**Statement of Compliance:**

I, Kerry D. Maroney, P.E., certify that the site indicated above will be in compliance with the Floodplains Location Restriction, as stated in 30 TAC §330.547 – Floodplains.

Firm: Biggs & Mathews, Inc.  
Address: 2500 Brook Avenue  
Wichita Falls, TX 76301

Signature,  
Seal, and  
Date



Biggs & Mathews, Inc.  
Firm Registration No. F-834

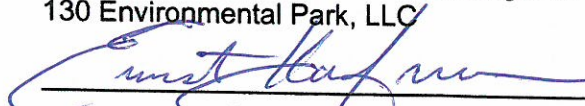
Supporting documentation is provided in Part II, Section 13.1 – Floodplains; and Part II, Appendix IIA – Maps and Drawings, Drawing IIA.9 and Appendix III – Floodplain Documentation, Drawing III.2.

**Owner / Operator of Site:**

Owner / Operator: 130 Environmental Park, LLC  
Address: 134 Riverstone Terrace, Ste. 203  
Canton, GA 30114-1703  
Official's Name and Title: Ernest Kaufmann, President and Manager of  
130 Environmental Park, LLC

Signature:

Date:

  
7-11-14

**LOCATION RESTRICTION  
CERTIFICATION OF COMPLIANCE  
GROUNDWATER**

**General Site Information:**

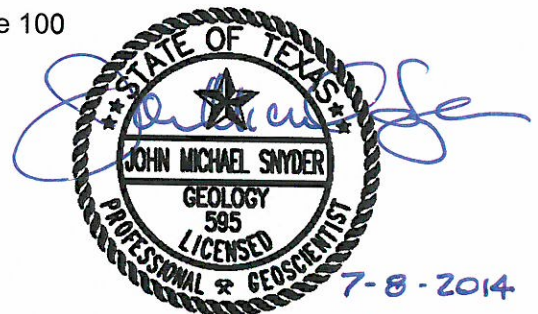
Site: 130 Environmental Park  
Site Location: Caldwell County, Texas  
TCEQ Registration Application No.: MSW-40269

**Statement of Compliance:**

I, John Michael Snyder, P.G., certify that the site indicated above will be in compliance with the Groundwater Location Restriction, as stated in 30 TAC §330.549 – Groundwater.

Firm: Biggs & Mathews Environmental, Inc.  
Address: 1700 Robert Road, Suite 100  
Mansfield, TX 76063

Signature,  
Seal, and  
Date



Biggs & Mathews Environmental, Inc.  
Firm Registration No. 50222

Supporting documentation related to aquifers beneath the facility is provided in Part II, Section 11.1 – Groundwater and Section 11.2 – Regional Aquifers.

**Owner / Operator of Site:**

Owner / Operator: 130 Environmental Park, LLC  
Address: 134 Riverstone Terrace, Ste. 203  
Canton, GA 30114-1703  
Official's Name and Title: Ernest Kaufmann, President and Manager of  
130 Environmental Park, LLC

Signature:

Date:

7-11-14



**LOCATION RESTRICTION  
CERTIFICATION OF COMPLIANCE  
ENDANGERED OR THREATENED SPECIES**

**General Site Information:**


Site: 130 Environmental Park  
Site Location: Caldwell County, Texas  
TCEQ Registration Application No.: MSW-40269

**Statement of Compliance:**

I, Russell Marusak, certify that the site indicated above will be in compliance with the Endangered or Threatened Species Location Restriction, as stated in 30 TAC §330.551 – Endangered or Threatened Species.

Firm: Halff Associates, Inc.  
Address: 1201 North Bowser Road  
Richardson, TX 75081

Signature,  
Seal, and  
Date

  
7-8-2014

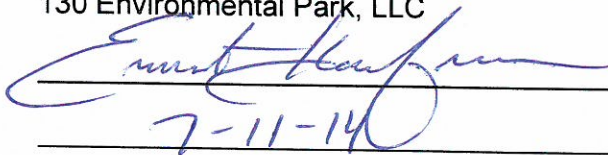
Supporting documentation is provided in Part II, Section 14 – Endangered and Threatened Species; and Part II, Appendix IIE – Endangered or Threatened Species Documentation.

**Owner / Operator of Site:**

Owner / Operator: 130 Environmental Park, LLC  
Address: 134 Riverstone Terrace, Ste. 203  
Canton, GA 30114-1703  
Official's Name and Title: Ernest Kaufmann, President and Manager of  
130 Environmental Park, LLC

Signature:

Date:

  
7-11-14

**LOCATION RESTRICTION  
CERTIFICATION OF COMPLIANCE  
WETLANDS**

**General Site Information:**

Site: 130 Environmental Park  
Site Location: Caldwell County, Texas  
TCEQ Registration Application No.: MSW-40269

**Statement of Compliance:**

I, Russell Marusak, certify that the site indicated above will be in compliance with the Wetlands Location Restriction, as stated in 30 TAC §330.553 – Wetlands.

Firm: Halff Associates, Inc.  
Address: 1201 North Bowser Road  
Richardson, TX 75081

Signature,  
Seal, and  
Date

  
7-8-2014

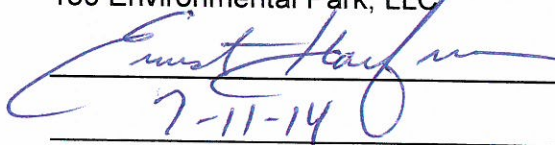
Supporting documentation is provided in Part II, Section 13.2 – Wetlands; and Part II, Appendix IID – Wetlands Documentation.

**Owner / Operator of Site:**

Owner / Operator: 130 Environmental Park, LLC  
Address: 134 Riverstone Terrace, Ste. 203  
Canton, GA 30114-1703  
Official's Name and Title: Ernest Kaufmann, President and Manager of  
130 Environmental Park, LLC

Signature:

Date:

  
7-11-14

**130 ENVIRONMENTAL PARK**

**APPENDIX IIK**  
**RAILROAD COMMISSION RECORDS**



RRC Source: Commission's hardcopy map  
Lat: 29.9623774  
Long: -97.6634965  
Op: M.M. Kinley  
Lse: W.D. Moore, Jr.

26528

**RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION**

Form 1  
Rev. 4/60

**STATE WHETHER THIS IS AN APPLICATION TO DRILL, SURFACE OR PLUG HOLE**  
**CHALLENGE FILED IN DUPLICATE (OR TRIPLICATE IF WELLS ON) WITH DEPUTY COMMISSIONER OF REVENUE WHEN WELLS LOCATED**  
**DATA FURNISHED ON THIS FORM AND ANY ATTACHMENT MUST BE LEGIBLY LEGIBLE.**  
**ANY ILLEGIBLE FORM WILL BE RETURNED WITHOUT COMMISSION ACTION.**  
(Black Ink or Black Typewriter Ribbon Preferred)

**READ CAREFULLY AND  
COMPLY FULLY**

**RLS**

Understand that it may be ascertained whether or not the proposed location covered by this notice conforms to the applicable drilling regulations set down by the Railroad Commission. There are two important footages that must be shown; that is, the nearest distance of proposed location from lease or property line and distance of proposed location from the nearest well on the same lease. Do not begin drilling operations on any location prior to filing Form 1 and until permit granted by the Commission has been received and waiting clause period has terminated.

For the purpose of this determination draw on the back side hereof a neat, accurate sketch, made to scale, of this lease, block, or lot locating thereon the proposed site for this location with reference to the two nearest lease lines. Also show the nearest wells on all sides of this location and the distance from the proposed location to these wells. In addition to the foregoing, well boundary designations must be shown for each producing well on the lease and show the proposed well boundaries for the location herein applied for showing the acreage to be assigned this well. Give names and addresses of adjoining lease or property owners, and designate all property by lease and company name. You may attach a blue print showing this information if you so desire.

**DO NOT CONFUSE SURVEY LINE WITH LEASE LINE.**  
**IF THE SURVEY OR LEASE LINE WINDS ABOUT A SECTION, BLOCK, OR LOT OUT OF YOUR LEASE, DEMONSTRATE SAME AS BEING ONLY THAT PART OF THE LEASE.**

When the side of the tract will permit, use scale of one inch equaling 200 feet. If less than 2 acres use scale of one inch equaling 100 feet. DEMONSTRATE SCALE TO WHICH PLAT OR SECTION IS DRAWN. ALSO DEMONSTRATE NEARBY SECTION ON THE SKETCH OR PLAT.

**FILL IN BELOW IN THE SPACES PROVIDED FOR THIS PURPOSE THE FOOTINGS ASKED FOR**

Nearest distance from proposed location to property or lease line 200 feet.

Distance from proposed location to nearest drilling, completed, or applied for well on same lease 0 feet.

IF THE PROPOSED WELL IS TO BE LOCATED PARTIALLY OUTSIDE OF ANY SECTION, BLOCK, OR LOT OUT OF YOUR LEASE, DEMONSTRATE SAME AS BEING ONLY THAT PART OF THE LEASE.

Date May 26, 1964

Name of company or operator

Name M. M. Kinley

Address Box 900

City Lockhart, Texas

Description of form or lease:

Name of Lessee W. D. Moore, Jr.

Number of Acres 2000 943 Well No. 1

Number of wells on lease None

Elevation (ft. above sea level) Section No.        Block No.       

Survey James Jackson

Zone or Reservoir Chalk-Edwards

To be Located in Section 10 Field       

(If different from above, give name, location and location from nearest Survey Lines.) Section 10, Block 1, Range 12N, E 1E, T29S

Lockhart County       

0 Miles NE Direction from

Lockhart, Texas nearest post office or town.

Rotary or Cable Tool Rotary

Date well will start drilling When Permitted

Depth to which you propose to drill 2500 feet.

Date well will start deepening       

IF LEASE FURNISHED WITH ONE OR MORE WELLS DRILLED, PLUGGED OR FURNISHED?

Yes       

**RECEIVED  
SAN ANTONIO, TEXAS**

MAY 27 1964

**SEAL DIVISION OF THE  
RAILROAD COMMISSION OF TEXAS**

**OK**  
**Dr**

**READ INSTRUCTIONS AND MAKE CORRECTIONS ON REVERSE SIDE**



RECEIVED  
SAN ANTONIO, TEXAS  
MAY 29 1964  
U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ISSAC JACKSON SURVEY

W.D. MOORE JR.

943 ACRE LEASE

CALDWELL COUNTY TEXAS

WEST LINE OF ISSAC JACKSON SURVEY

183

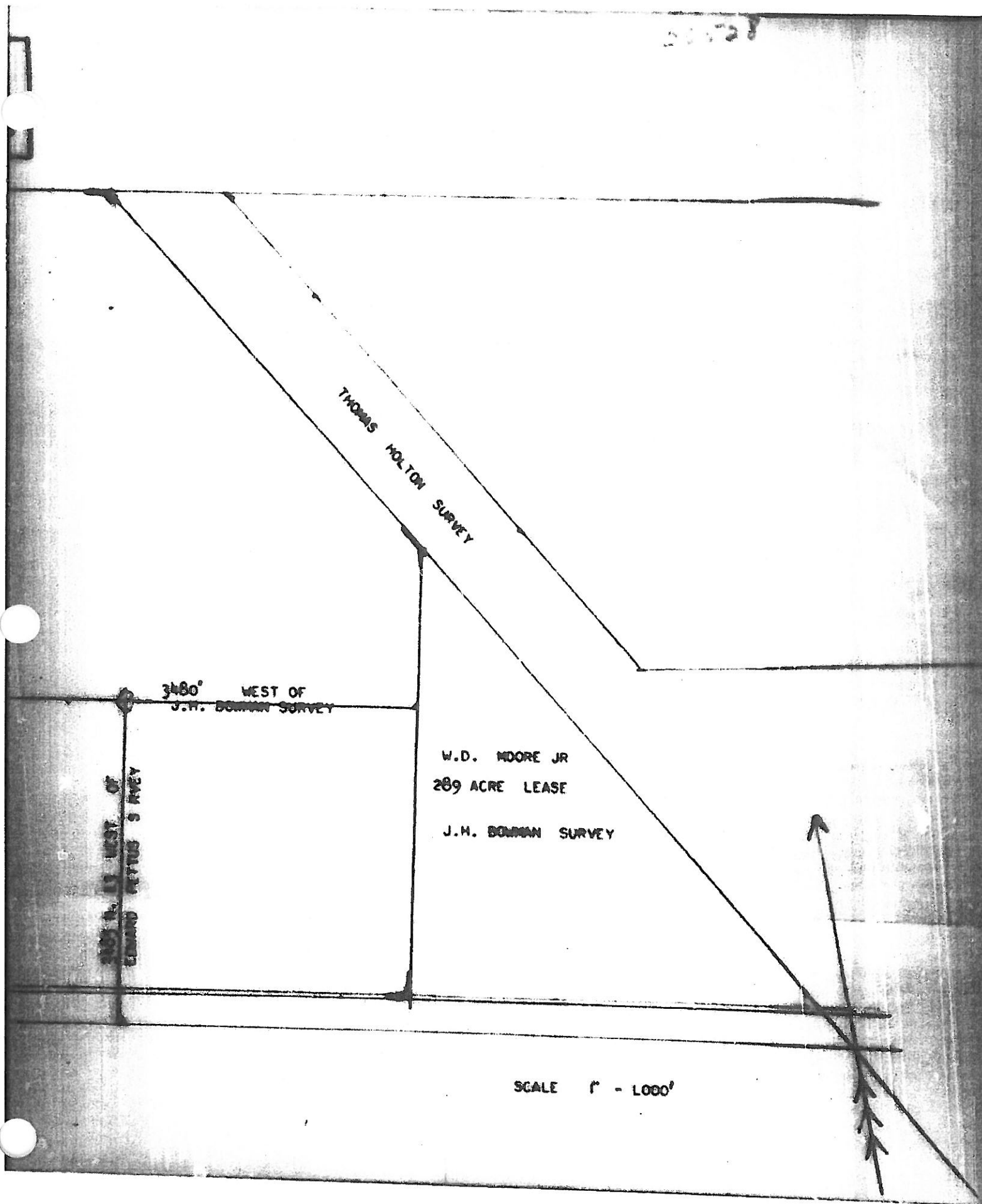
U. S. HIGHWAY

7450' 77° EAST OF U.S. HIGHWAY 183

FARM ROAD 145'

EDWARD PETTUS SURVEY

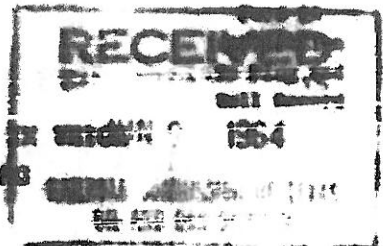




26528

Form 1-54  
to 9-10-54

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION



FILE IN DUPLICATE WITH DEPUTY SUPERVISOR OF DISTRICT IN WHICH  
WELL IS LOCATED FIVE FULL DAYS PRIOR TO PLUGGING

Owner M.M. Kinley Address Box 990 Lockhart, Texas  
Sec. No. \_\_\_\_\_ Block No. \_\_\_\_\_ Survey Isaac Jackson County Calhoun  
Well No. 1 Name of Lease W.D. Moore Jr No. of Acres 9.3 Elev. \_\_\_\_\_  
Name of Field in which well is located Mildent  
Located 8 Miles N.E. Direction from Lockhart, Texas (Nearest P. O. or Town)  
Form 1, "Notice of Intention to Drill," was filed in name of M.M. Kinley  
Drilling Commenced 5-31 19 64 Drilling Completed 6-6 19 64  
Has this well ever produced Oil? Dry or Gas? Dry  
Character of Well (Oil, Gas or Dry) Dry Total Depth 1260  
Date you wish to Plug 6-6 19 64  
Name of Party Plugging Well Halliburton Cementing Address Galveston, Texas  
Correspondence regarding this well should be sent to: Name E.F. Edwards  
Address P.O. Box 990, Lockhart, Texas  
Initial Production of Gas: Volume (MCF) \_\_\_\_\_ 24 hrs. Pressure \_\_\_\_\_ lbs. per square inch  
Initial Production of Oil: Barrels None (Dry Hole)

Give notice before Plugging to all available Lease Owners, as required by Rule (10).

When Plugging completed, file final Plugging Report, duly signed and sworn to. All necessary forms will be furnished by the Deputy Supervisor of district in which well is located.

NOTE: If no log available, so state and give all information that can be obtained to as total depth, whether or not cemented, producing formation, water sands, and as near as possible date well was drilled.

General Remarks: No showing of Oil, Gas, or Water, All formation dry.

WITNESSES  
"O" "O"

JUN 11 1964

FILE ONE INFORMATION AND AFFIDAVIT ON REVERSE SIDE  
PLUGGED

# FORMATION RECORD

Show All Formations, Especially All Sand and Gravel and Contents Thereof

FORMATION	TOP	BOTTOM	REMARKS
Surface formation	0	107	Set 1 1/2' of 8 5/8 casing and cemented with 100 sacks of cement by Halliburton Cementing Co
Sand & Gravel	107	7-5	
Sand	7-5	8-5	
Sand	8-5	13-5	
Sand	13-5	20-5	
Sand	20-5	25-5	
Sand	25-5	30-5	
Sand	30-5	35-5	
Sand	35-5	40-5	
Sand	40-5	45-5	
Sand	45-5	50-5	
Sand	50-5	55-5	
Sand	55-5	60-5	
Sand	60-5	65-5	
Sand	65-5	70-5	
Sand	70-5	75-5	
Sand	75-5	80-5	
Sand	80-5	85-5	
Sand	85-5	90-5	
Sand	90-5	95-5	
Sand	95-5	100-5	
Sand	100-5	105-5	
Sand	105-5	110-5	
Sand	110-5	115-5	
Sand	115-5	120-5	
Sand	120-5	125-5	
Sand	125-5	130-5	
Sand	130-5	135-5	
Sand	135-5	140-5	
Sand	140-5	145-5	
Sand	145-5	150-5	
Sand	150-5	155-5	
Sand	155-5	160-5	
Sand	160-5	165-5	
Sand	165-5	170-5	
Sand	170-5	175-5	
Sand	175-5	180-5	
Sand	180-5	185-5	
Sand	185-5	190-5	
Sand	190-5	195-5	
Sand	195-5	200-5	
Sand	200-5	205-5	
Sand	205-5	210-5	
Sand	210-5	215-5	
Sand	215-5	220-5	
Sand	220-5	225-5	
Sand	225-5	230-5	
Sand	230-5	235-5	
Sand	235-5	240-5	
Sand	240-5	245-5	
Sand	245-5	250-5	
Sand	250-5	255-5	
Sand	255-5	260-5	
Sand	260-5	265-5	
Sand	265-5	270-5	
Sand	270-5	275-5	
Sand	275-5	280-5	
Sand	280-5	285-5	
Sand	285-5	290-5	
Sand	290-5	295-5	
Sand	295-5	300-5	
Sand	300-5	305-5	
Sand	305-5	310-5	
Sand	310-5	315-5	
Sand	315-5	320-5	
Sand	320-5	325-5	
Sand	325-5	330-5	
Sand	330-5	335-5	
Sand	335-5	340-5	
Sand	340-5	345-5	
Sand	345-5	350-5	
Sand	350-5	355-5	
Sand	355-5	360-5	
Sand	360-5	365-5	
Sand	365-5	370-5	
Sand	370-5	375-5	
Sand	375-5	380-5	
Sand	380-5	385-5	
Sand	385-5	390-5	
Sand	390-5	395-5	
Sand	395-5	400-5	
Sand	400-5	405-5	
Sand	405-5	410-5	
Sand	410-5	415-5	
Sand	415-5	420-5	
Sand	420-5	425-5	
Sand	425-5	430-5	
Sand	430-5	435-5	
Sand	435-5	440-5	
Sand	440-5	445-5	
Sand	445-5	450-5	
Sand	450-5	455-5	
Sand	455-5	460-5	
Sand	460-5	465-5	
Sand	465-5	470-5	
Sand	470-5	475-5	
Sand	475-5	480-5	
Sand	480-5	485-5	
Sand	485-5	490-5	
Sand	490-5	495-5	
Sand	495-5	500-5	
Sand	500-5	505-5	
Sand	505-5	510-5	
Sand	510-5	515-5	
Sand	515-5	520-5	
Sand	520-5	525-5	
Sand	525-5	530-5	
Sand	530-5	535-5	
Sand	535-5	540-5	
Sand	540-5	545-5	
Sand	545-5	550-5	
Sand	550-5	555-5	
Sand	555-5	560-5	
Sand	560-5	565-5	
Sand	565-5	570-5	
Sand	570-5	575-5	
Sand	575-5	580-5	
Sand	580-5	585-5	
Sand	585-5	590-5	
Sand	590-5	595-5	
Sand	595-5	600-5	
Sand	600-5	605-5	
Sand	605-5	610-5	
Sand	610-5	615-5	
Sand	615-5	620-5	
Sand	620-5	625-5	
Sand	625-5	630-5	
Sand	630-5	635-5	
Sand	635-5	640-5	
Sand	640-5	645-5	
Sand	645-5	650-5	
Sand	650-5	655-5	
Sand	655-5	660-5	
Sand	660-5	665-5	
Sand	665-5	670-5	
Sand	670-5	675-5	
Sand	675-5	680-5	
Sand	680-5	685-5	
Sand	685-5	690-5	
Sand	690-5	695-5	
Sand	695-5	700-5	
Sand	700-5	705-5	
Sand	705-5	710-5	
Sand	710-5	715-5	
Sand	715-5	720-5	
Sand	720-5	725-5	
Sand	725-5	730-5	
Sand	730-5	735-5	
Sand	735-5	740-5	
Sand	740-5	745-5	
Sand	745-5	750-5	
Sand	750-5	755-5	
Sand	755-5	760-5	
Sand	760-5	765-5	
Sand	765-5	770-5	
Sand	770-5	775-5	
Sand	775-5	780-5	
Sand	780-5	785-5	
Sand	785-5	790-5	
Sand	790-5	795-5	
Sand	795-5	800-5	
Sand	800-5	805-5	
Sand	805-5	810-5	
Sand	810-5	815-5	
Sand	815-5	820-5	
Sand	820-5	825-5	
Sand	825-5	830-5	
Sand	830-5	835-5	
Sand	835-5	840-5	
Sand	840-5	845-5	
Sand	845-5	850-5	
Sand	850-5	855-5	
Sand	855-5	860-5	
Sand	860-5	865-5	
Sand	865-5	870-5	
Sand	870-5	875-5	
Sand	875-5	880-5	
Sand	880-5	885-5	
Sand	885-5	890-5	
Sand	890-5	895-5	
Sand	895-5	900-5	
Sand	900-5	905-5	
Sand	905-5	910-5	
Sand	910-5	915-5	
Sand	915-5	920-5	
Sand	920-5	925-5	
Sand	925-5	930-5	
Sand	930-5	935-5	
Sand	935-5	940-5	
Sand	940-5	945-5	
Sand	945-5	950-5	
Sand	950-5	955-5	
Sand	955-5	960-5	
Sand	960-5	965-5	
Sand	965-5	970-5	
Sand	970-5	975-5	
Sand	975-5	980-5	
Sand	980-5	985-5	
Sand	985-5	990-5	
Sand	990-5	995-5	
Sand	995-5	1000-5	

Hard & Dry

Hard & Dry  
Total Depth

1960

Method of shutting off water **Dry Hole**

Is water completely shut off?  
per cent.

Amount of water with oil

1. **R.F. Edwards**

being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

Subscribed and sworn to before me this 9 day of June

Representative of Company.

**Marie Burton**

1960

**Edmund**

Notary Public  
County, Texas



26528

AFFIDAVIT OF FACT TO ABANDON WELL

RECEIVED

SIX MONTHS

JUN 9 1964

STATE OF TEXAS

COUNTY OF Caldwell

SS

CS-053033

I, J.A. Manger, being of legal age and having

full knowledge of the facts hereinbelow set out, do state:

That I am an employee of Halliburton Company, of Duncan, Oklahoma, employed as a "Cementer", and as such employee am engaged in the operation of the Halliburton Company's equipment employed in the cementing of wells being drilled for oil and/or gas;

That on the 6th day of June, 1964, I operated the aforesaid cementing equipment under the direction, supervision and control of M.M. Kinley in the pumping of cement into said (customer) Well Number 1 situated on the Moore Lease in Caldwell County, Texas, which, according to the customer was for the purpose of plugging and abandoning said well;

That according to the information furnished me by the customer, his agent or representative, a cement plug was placed in said well from

300 depth to the 250 depth  
112 depth to the 90 depth  
 \_\_\_\_\_ depth to the \_\_\_\_\_ depth

AFFIANT:

J.A. Manger  
 Halliburton Company employee

STATE OF TEXAS

COUNTY OF Caldwell

SS

KNOW ME, the undersigned authority, on this day personally appeared J.A. Manger, known to me to be the person whose name is subscribed to this statement; who, after being duly sworn upon oath states: That to the best of his knowledge and belief the facts as recited above are true and correct.

 NOTARY PUBLIC  
 STATE OF TEXAS

Given under my hand and seal this 6th day of June, 1964.

(Notary Seal)

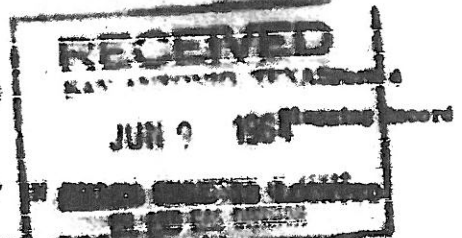
 EX-11 20 0 2 11  
 "TAI 3 3 31"

L.A. Manger  
 Notary Public, in and for  
Caldwell County, Texas

26528

Please Refer to  
File No. \_\_\_\_\_

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION



FILE IN DUPLICATE WITH DEPUTY SUPERVISOR OF DISTRICT

Company M.M. Kinley address P.O. Box 500, Jacksboro, Texas  
Sec. No. \_\_\_\_\_ Block No. \_\_\_\_\_ Survey Lease Jackson county Goldsboro  
Well No. 1 Name of Lease W.D. Moore, Jr No. of Acres 9.3  
Name of Field in which well is located Wildcat Date well was plugged 6-6 19 64  
Form 1 (Notice of Intention to Drill) Was Filed in Name of M.M. Kinley  
Character of Well at the time of completion: Oil Dry bbls; Gas Dry Cu. Ft.; Yes  
(Initial Production) (Initial Production)  
Amount well producing when plugged: Oil None bbls; Gas None Cu. Ft.; Water None bbls.  
Has this well ever produced oil or gas? No  
Total Depth 1760 feet. Top of each producing sand Dry feet.  
Was the well filled with mud-laden fluid, according to regulations of the Railroad Commission? Yes  
Pumped  
How was mud applied? \_\_\_\_\_

Were plugs used? \_\_\_\_\_ If so, show all shoulders left for casing, depth of each, and size of casing, size and kind of plugs used, and depth placed. Also amount of cement and rock. Was well shot? No  
Hole was cemented from 3' up in surface casing to 112' cemented from 250' to 300' in open hole by Halliburton Cementing Company

SIZE PIPE	PUT IN WELL		PULLED OUT		LEFT IN WELL		PACKING AND GRIDS
	Pl.	In.	Pl.	In.	Pl.	In.	
<u>2 5/8"</u>	<u>93</u>				<u>93</u>		<u>None</u>

Show depth found and thickness of all water, oil and gas formations Dry hole

Have all abandoned wells on this lease been plugged according to Commission rules? \_\_\_\_\_

Manner of confining all oil, gas or water to strata: \_\_\_\_\_

The names of adjacent leases, royalty and landowners with their addresses in each instance as follows: \_\_\_\_\_

Wildcat location. Drilled as dry hole. Verbal permission was given by Railroad Commission to plug as dry hole.

Was notice given before plugging to all available adjacent lease owners as required by Rule 10? \_\_\_\_\_

I, E.F. Edwards, being first duly sworn on oath, state that I have knowledge of the facts and the matter herein set forth and that the same are true and correct.

Name E. F. Edwards Title Supt

Subscribed and sworn to before me this 6th day of June 19 64

6661 11 NCR

Frank Burton  
Notary Public Goldsboro County, Texas

Correspondence regarding this well should be addressed to:

Now E.F. Edwards address P.O. Box 500, Jacksboro, Texas

**130 ENVIRONMENTAL PARK  
CALDWELL COUNTY, TEXAS  
TCEQ REGISTRATION NO. MSW 40269**

**TYPE V REGISTRATION APPLICATION**

**PART III  
FACILITY INVESTIGATION AND DESIGN  
TABLE OF CONTENTS**

Prepared for

**130 ENVIRONMENTAL PARK, LLC**

August 2013  
Revised February 2014

Revised July 2014



**Biggs & Mathews Environmental, Inc.**  
Firm Registration No. F-256

Prepared by

**BIGGS & MATHEWS ENVIRONMENTAL**

1700 Robert Road, Suite 100 ♦ Mansfield, Texas 76063 ♦ 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION No. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS  
FIRM REGISTRATION No. 50222

And

**BIGGS & MATHEWS, INC.**

2500 Brook Avenue ♦ Wichita Falls, Texas 76301 ♦ 940-766-0156

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION No. F-834

## CONTENTS

---

### Part III – Facility Investigation and Design

Appendix IIIA Facility Investigation and Design Narrative

Appendix IIIB General Facility Design

Appendix IIIC Closure Plan

Appendix IIID Cost Estimate for Closure

Appendix IIIE Copy of Attachment C2 – Flood Control Analysis from the Type I (MSW 2383) Permit Application



Biggs & Mathews Environmental, Inc.  
Firm Registration No. F-256

*J. Heath Parker*  
7/11/14



**130 ENVIRONMENTAL PARK  
CALDWELL COUNTY, TEXAS  
TCEQ REGISTRATION NO. MSW 40269**

**TYPE V REGISTRATION APPLICATION**

**PART III  
FACILITY INVESTIGATION AND DESIGN**

**APPENDIX IIIA  
FACILITY INVESTIGATION AND DESIGN NARRATIVE**

Prepared for

**130 ENVIRONMENTAL PARK, LLC**

August 2013  
Revised February 2014

Revised July 2014



Biggs & Mathews Environmental, Inc.  
Firm Registration No. F-256

Prepared by

**BIGGS & MATHEWS ENVIRONMENTAL**

1700 Robert Road, Suite 100 ♦ Mansfield, Texas 76063 ♦ 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION NO. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS  
FIRM REGISTRATION NO. 50222

And

**BIGGS & MATHEWS, INC.**

2500 Brook Avenue ♦ Wichita Falls, Texas 76301 ♦ 940-766-0156

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION NO. F-834

## CONTENTS

---

1	INTRODUCTION .....	IIIA-1
2	GENERAL FACILITY DESIGN .....	IIIA-2
2.1	Facility Access .....	IIIA-2
2.2	Waste Movement .....	IIIA-2
2.3	Sanitation .....	IIIA-3
2.4	Water Pollution Control .....	IIIA-3
2.5	Endangered Species Protection .....	IIIA-4
3	FACILITY SURFACE WATER DRAINAGE REPORT .....	IIIA-5
4	WASTE MANAGEMENT UNIT DESIGN .....	IIIA-6
5	CLOSURE PLAN .....	IIIA-9
6	COST ESTIMATE FOR CLOSURE .....	IIIA-10

### APPENDIX IIIA1

Surface Water Drainage Certification

### APPENDIX IIIA2

Surface Water Drainage Calculations



Biggs & Mathews Environmental, Inc.  
Firm Registration No. F-256

*J. Heath Parker*  
7/11/14

through which collection vehicles will enter and exit, and vents which are installed on the building walls. Ventilation is not anticipated to be an issue; however, dust control and ventilation procedures will be in accordance with current TCEQ MSW Air Permitting rules and regulations applicable to municipal solid waste facilities.

The transfer station will feature a pre-fabricated metal building that covers the reinforced concrete pad used for waste processing and storage. The reinforced concrete slab for waste processing (i.e., tipping floor) will be sloped toward the in-floor trench drain located on the southeast side of the building. The northeast side of the building will be open for entrance to the tipping floor. The tipping floor for waste separation, sorting, and loading operations will be a maximum of 100 feet by 100 feet. The in-floor trench drain will also be designed to accept the floor washdown. Hose bibbs and hoses will be located on the southeast and southwest sides of the tipping floor. The maximum design dimensions of the structure are shown in Appendix IIIB on Drawings IIIB.2 and IIIB.4.

The facility will be designed to minimize the potential noise pollution. Since transfer activities will be mainly enclosed, generated noise will be mostly confined to the transfer station facility. Waste transfer operations will be screened from the public. In addition, the facility will have a minimum buffer zone of approximately 224 feet and a minimum distance of 4,200 feet from the nearest existing residence.

## 2.3 Sanitation

The tipping floor will be swept daily at the completion of the processing period and washed down at least two times per week. There will be no surface runoff onto or off of the floor of the transfer station. The floor is completely enclosed and a floor drain is provided to remove wash water. Wash water will not be allowed to accumulate on the tipping floor; all wash water will be collected and properly disposed of. The wash water will be directed to the floor drain through a sand/grit trap to the contaminated water storage tank located outside of the transfer station building. The contaminated water will then be transported offsite for treatment and disposal at a publicly owned treatment works (POTW) or a properly permitted treatment facility.

## 2.4 Water Pollution Control

The proposed transfer station will be constructed, maintained, and operated to manage run-on and runoff during the peak discharge of a 25-year rainfall event and will prevent the off-site discharge of waste and feedstock material, including, but not limited to, in-process and/or processed materials. As shown on Drawing IIIB.1, the facility transfer station is being placed in a location where surface water will drain away from the facility building on all sides but the northwest side. On this side, soil will be built up a swale will be constructed, as shown on Drawing IIIA2.1, to ensure that divert drainage is diverted around the facility transfer station and adjacent paved area. As a result, surface water in and around the facility transfer station will be controlled to minimize surface water running onto, into, and off the treatment area. Since all contaminated water will be managed in a controlled manner as discussed above, groundwater will be protected.



### 3 FACILITY SURFACE WATER DRAINAGE REPORT

---

30 TAC §330.63(c)(1)-(2)

Consistent with 30 TAC §330.63(c)(1), the facility will be constructed, maintained, and operated to manage run-on and runoff during the peak discharge of a 25-year rainfall event and will prevent the off-site discharge of waste and feedstock material, including, but not limited to, in-process and/or processed materials. Surface water drainage in and around the facility will be controlled to minimize surface water running onto, into, and off the processing area.

Consistent with 30 TAC §330.303, the facility has been designed to convey the peak discharge from a 25-year rainfall event around and away from the transfer station building and parking areas. Refer to Appendix IIIA2 – Surface Water Drainage Calculations for the drainage swale design.

Consistent with 30 TAC §330.63(c)(2), the development of the 130 Environmental Park Transfer Station will be conducted outside the 100-year floodplain. The Federal Emergency Management Agency (FEMA) has prepared a Flood Insurance Rate Map (FIRM), Community Panel Number 48055C0125E, with an effective date of June 19, 2012. A copy of the FIRM is located in Part II, Appendix IIA, Drawing IIA.9 and depicts the 130 Environmental Park transfer station in relation to the FEMA identified floodplain along the unnamed tributary of Dry Creek, which traverses the western portion of the facility boundary. Zone A, where no base flood elevations have been determined, is located within the southeastern portion of the facility property boundary with arms reaching northwest and northeast; however, as noted on the FIRM map, the transfer station will be outside the 100-year floodplain.

Refer to Appendix IIIA1 – Surface Water Drainage Certification for the surface water drainage statement provided consistent with §330.63(c).



**130 ENVIRONMENTAL PARK**

**APPENDIX IIIA1  
SURFACE WATER DRAINAGE CERTIFICATION**

## Surface Water Drainage Certification Statement

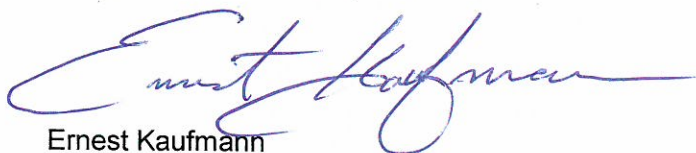
Mr. Richard A. Hyde, P.E.  
Interim Executive Director  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, Texas 78711-3087

RE: 130 Environmental Park  
TCEQ Registration Application No. MSW 40269

Dear Mr. Hyde

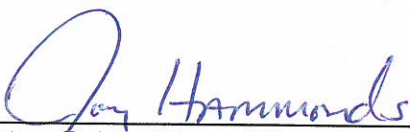
This certification statement consistent with 30 TAC §330.63(c) indicates that the facility design for the 130 Environmental Park complies with the requirements included in 30 TAC §330.303 – Surface Water Drainage for Municipal Solid Waste Facilities. Supporting documentation is provided in Part III, Appendix IIIA, Section 3 – Facility Surface Water Drainage Report.

ATTEST:  
130 Environmental Park, LLC



Ernest Kaufmann  
President and Manager of 130 Environmental Park, LLC

SWORN TO AND SUBSCRIBED BEFORE ME by Ernest Kaufmann on this 11<sup>th</sup> day of July, 2014, which witness my hand and seal of office.

  
Notary Public, State of Georgia  
Printed Name

My Commission Expires: Jan 8, 2017