

WELL NAME: HUB GAS UNIT 29 No. 5

COUNTY: MARION

FIELD: HUB

SECTION: 29 TWN. 2N RANGE: 14E

LAT 31.11031 LONG -89.80369

API NO. 23-091-20293

BASE OF USDW:

MISSISSIPPI STATE OIL & GAS BOARD PLUGGING RECORD



Operator SKRIVANOS ENGINEERING, INC.		Address P. O. BOX 1492, SHREVEPORT, LA 71164				
Name of Well HUB GAS UNIT 29 (FORMERLY RATLIFF #2-2)		Well No. 5	Field & Reservoir HUB/LOWER TUSCALOOSA PILOT GAS POOL			
Location of Well 480' FROM EAST LINE & 2180' FROM SOUTH LINE OF SECTION 29, T2N-R14E						
API No. 2309120293		County MARION				
Application to drill this well was filed in name of: SKRIVANOS ENGINEERING, INC.		Has this well ever produced oil or gas NO	Character of well at completion (initial production): <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Oil (bbls/day) 0</td> <td style="border: none;">Gas (MCF/day) 0</td> <td style="border: none;">Dry X</td> </tr> </table>	Oil (bbls/day) 0	Gas (MCF/day) 0	Dry X
Oil (bbls/day) 0	Gas (MCF/day) 0	Dry X				
Date Plugged 2-14-07		Total Depth 11,700'	Amount well producing when plugged: <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Oil (bbls/day) ---</td> <td style="border: none;">Gas (MCF/day) ---</td> <td style="border: none;">Water (bbls/day) ---</td> </tr> </table>	Oil (bbls/day) ---	Gas (MCF/day) ---	Water (bbls/day) ---
Oil (bbls/day) ---	Gas (MCF/day) ---	Water (bbls/day) ---				
Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging.		Fluid content of each formation	Depth interval of each formation			
PILOT		NONE	8978-8992'			
			8800-8700' w/25 SX CMT			
			2980-2880' w/25 SX CMT			
			10 SX CMT @ SURFACE			
			WELDED CAP			
CASING RECORD						
Size pipe	Put in well (feet)	Pulled out (feet)	Left in well (feet)			
8-5/8"	2970'	0	2970'			
4-1/2"	11,730'	3,000'	8730'			
			cut			
			Give depth & method of parting casing (shot, ripped, etc.)			
			Packers and shoes			

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FEB 21 2007
STATE OIL & GAS BOARD

Was well filled with mud-laden fluid, according to regulations?		Indicate deepest formation containing fresh water:
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
Name	Address	
SKRIVANOS ENGINEERING, INC.	P. O. BOX 1492, SHREVEPORT, LA 71164	
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.		
Use reverse side for additional details		
File this form in duplicate with:		

Executed this the 15th day of FEBRUARY

State of LOUISIANA

~~XXXXXX~~ PARISH OF CADDO A

20 07

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared STEPHEN F. SKRIVANOS known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this 15th day of FEBRUARY

SEAL

My commission expires _____

Signature Stan Smith
 Notary Public in and for Caddo Parish, Louisiana
 County _____
 My Commission is for Life

MISSISSIPPI STATE OIL & GAS BOARD
PLUGGING RECORD

FORM 7

REVISED MAY, 2001

OK
✓

**MISSISSIPPI STATE OIL & GAS BOARD
NOTICE OF INTENTION TO PLUG & ABANDON**

OPERATOR			ADDRESS		
SKRIVANOS ENGINEERING, INC.			P. O. BOX 1492, SHREVEPORT, LA 71164		
WELL NAME					WELL NO.
HUB GAS UNIT 29 (FORMERLY D. A. RATLIFF NO. 2-2 WELL)					5
LOCATION OF WELL					
480' FROM EAST LINE & 2180' FROM SOUTH LINE OF SECTION 29, T2N-R14E					
A.P.I. NO.			FIELD NAME		
2309120293			HUB		
SECTION / TOWNSHIP / RANGE				COUNTY	DATE PLUGGING TO COMMENCE
29	2N	14E	MARION		
FIRM ENGAGED TO PLUG WELL			ADDRESS		
CHALLENGER DEEPWELL SERVICE			P. O. BOX 1002, COLUMBIA, MS 39429		
PROPOSED PLUGGING PROCEDURE					
<p>MIRU WORKOVER RIG. SET CMT PLUG @ 8800-8700' W/25 SX CMT. CUT & PULL CSG FROM 3000'. PUMP CMT PLUG 2980-2880 W/25 SX CMT. 10 SX CMT PLUG @ SURFACE. CUT CSG 6' BELOW FLOWLINE. WELD CAP ON.</p>					

RECEIVED
FEB 21 2007
STATE OIL & GAS BOARD

Executed this the 15th day of FEBRUARY, 20 07.

State of LOUISIANA

~~County of~~ PARISH OF CADDO A

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared STEPHEN F. SKRIVANOS known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this 15TH day of FEBRUARY, 20 07

SEAL

My commission expires _____

Signature
Notary Public in and for Notary Public #5686
County Caddo Parish, Louisiana
My Commission is for Life

FOR OFFICE USE ONLY	
APPROVAL DATE <u>2/22/07</u>	
APPROVED BY <u>WJG</u>	

MISSISSIPPI STATE OIL & GAS BOARD NOTICE OF INTENTION TO PLUG & ABANDON FORM 6
--

**MISSISSIPPI STATE OIL & GAS BOARD
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

INDICATE TYPE OF COMPLETION							
NEW WELL	WORKOVER X	DEEPEN	PLUG BACK	SAME RESERVOIR	DIFFERENT RESERVOIR	OIL	GAS
DESCRIPTION OF WELL AND LEASE							
OPERATOR Skrivanos Engineering, Inc.				ADDRESS Post Office Box 1492, Shreveport, LA 71101			
LEASE NAME Hub Gas Unit 29 (formerly D. A. Ratliff No. 2-2 Well)				WELL NUMBER 5	FIELD & RESERVOIR Hub Field - Lower Tuscaloosa Pilot Gas Pool		
LOCATION 480 feet from East line and 2180 feet from South line of Section 29				API NO. 2309120293	SEC. - TWN. - RGE. OR BLOCK & SURVEY Section 29, T2N, R14E		
COUNTY Marion	PERMIT NUMBER 2005-WOP-010		DATE ISSUED 08/04/2004		PHONE NUMBER (318) 424-9200		
DATE SPUDDED 08/05/1998	DATE TOTAL DEPTH REACHED 08/25/1998		DATE COMPLETED, READY TO PRODUCE		ELEVATION (DF, RKB, or GR) 131 (KB)	ELEVATION OF CASING HD. FLANGE 128 FEET	
TOTAL DEPTH 11,700 feet	P.B.T.D. 9050'	SINGLE, DUAL OR TRIPLE COMPLETION? single		IF THIS IS A DUAL OR TRIPLE COMPLETION, FURNISH SEPARATE REPORT FOR EACH COMPLETION.			
PRODUCING INTERVAL(S) FOR THIS COMPLETION dry hole -- perforated 8980 feet to 8990 feet				DRILLING CONTRACTOR Triple S Well Service			
WAS THIS WELL DIRECTIONALLY DRILLED? no		DATE DIRECTIONAL SURVEY FILED		METHOD OF RESERVE PIT DISPOSAL <input type="checkbox"/> LANDSPREADING <input type="checkbox"/> ANNULAR <input type="checkbox"/> OTHER <small>IF ANNULAR: SURFACE CASING TEST PRESSURE (PSI)</small>			
TYPE OF ELECTRICAL OR OTHER LOGS RUN (Check Logs Filed with the Commission) Schlumberger Array Induction / Litho Density						DATE FILED 09/14/1998	
CASING RECORD							
<small>CASING (Report All Strings Set in Well - Conductor, Surface, Intermediate, Producing, etc.)</small>							
PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (lb./ft.)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED	
Surface	11"	8-5/8"	32 & 24#/ft	2955'	610		
Production	7-7/8"	4-1/2"	11.5#/ft	11,700'	625		
TUBING RECORD							
SIZE 2-5/8 IN.	DEPTH SET 8,401 FT.	PACKER SET AT 8,481 FT.	SIZE IN.	TOP FT.	BOTTOM FT.	SACKS CEMENT	SCREEN FT.
PERFORATION RECORD							
NUMBER PER FEET 4	SIZE & TYPE 1"	DEPTH INTERVAL 8980' to 8990'		ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD AMOUNT & KIND OF MATERIAL USED		DEPTH INTERVAL	
INITIAL PRODUCTION							
DATE OF FIRST PRODUCTION		PRODUCING METHOD (Indicate if Flowing, Gas Lift or Pumping - If Pumping, Indicate Size & Type of Pump) non-productive test - swabbed saltwater					
DATE OF TEST 09/27/2005	HOURS TESTED 4	CHOKE SIZE open	OIL PRODUCED DURING TEST 0	GAS PRODUCED DURING TEST 0	WATER PRODUCED DURING TEST 60 bbls.		OIL GRAVITY n/a
TUBING PRESSURE 0	CASING PRESSURE 0	CALCULATED RATE OF PRODUCTION PER 24 HRS.		OIL 0 BBLs.	GAS 0 MCF	WATER 360 BBLs.	
DISPOSITION OF GAS (State Whether Vented, Used for Fuel or Sold) n/a				SOUR GAS OR OIL AMOUNT H ₂ S: 0 AMOUNT CO ₂ : 0			

Executed this the _____ day of _____, 2006
 State of Louisiana
 County of Caddo Parish


 Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Stephen F. Skrivanos known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this 1st day of March, 2006

SEAL

My commission expires _____

Signature Stan Smith Parish
 Notary Public in and for Caddo Parish, Louisiana
 County Notary Public #5686

CASING TESTS, REQUIRED BY STATEWIDE
 RULES 11 AND 12, MUST BE MADE

RECEIVED

MAR 03 2006

STATE OIL & GAS BOARD

MISSISSIPPI STATE OIL & GAS BOARD			
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG			
FORM 3			
STATE	A. P. I. WELL NUMBER	COUNTY	WELL

140713

APPLICATION FOR PERMIT TO DRILL, WORKOVER

APPLICATION TO DRILL ☐ WORKOVER ☒ CHANGE

NAME OF COMPANY OR OPERATOR

Skrivanos Engineering, Inc.

ADDRESS

Post Office Box 1492

CITY

Shreveport

STATE

Louisiana

NAME OF WELL

(formerly known as the D. A. Ratliff et al. 2 No. 2 Well)
Hub Gas Unit 29

WELL NUMBER

5

WELL LOCATION (WHEN POSSIBLE GIVE FOOTAGE FROM SECTION LINES)

480 feet from East line and 2180 feet from South line of

SECTION 29 T. 2 North

COUNTY

FIELD & RESERVOIR (IF WILDCAT, SO STATE)

Hub Field -- Lower Tusc. Pilot Gas Pool -- SE Segment Marion

PROPOSED DEPTH

11,700

FEET

PROPOSED LENGTH OF SURFACE CASING

2,955

FEET

NUMBER OF ACRES IN DRILLING UNIT

309.2

ACRES

DISTANCE FROM PROPR TO NEAREST DRILLING

over 330

FEET

NAME OF DRILLING CONTRACTOR

Triple S Well Service

ADDRESS

Post Office Box 625

CITY

Columbia

STATE/ZIP

MS 39429

FOR CHANGE OF OPERATOR ONLY

SIGNATURE OF FORMER OPERATOR REQUIRED

FOR TRANSFER OF WELL

AUTHORIZED REPRESENTATIVE SIGNATURE

NAME OF FORMER OPERATOR

H/S OPERATIONS (FOR STAFF USE ONLY)

FORM NO. 18:

DATE REQUESTED

DATE RECEIVED

DATE APPROVED

CONTINGENCY PLAN:

DATE RECEIVED

DATE APPROVED

NOTE: Notify area field inspector or field director (Jackson office) of dates of spudding and reaching total depth.

State Oil and Gas Board, 500 Greymont Avenue, Suite E, Jackson, MS 39202 801-354-7142

REMARKS (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)

The D. A. Ratliff et al. 2 No. 2 Well currently is completed in the 11,200 Foot Paluxy Gas Pool on an exception 309.2-acre unit. Skrivanos Engineering, Inc. desires to rename this well as the "Hub Gas Unit 29 No. 5 Well" and to attempt a recompletion of this well into the Lower Tuscaloosa Pilot Gas Pool -- Southeast Segment by setting a cast iron bridge plug over the existing perforations, squeezing cement above and below the Pilot sand interval, perforating the Pilot Sand between 8978 feet and 8992 feet and stimulating the Pilot sand as required. If the recompletion into the Lower Tuscaloosa Pilot Gas Pool -- Southeast Segment is successful, Skrivanos Engineering, Inc. will petition the State Oil and Gas Board of Mississippi to reform the production and proration unit from the existing 309.2-acre unit to a 320-acre unit consisting of the same lands as presently in the 320-acre unit for the Hub Gas Unit 29 No. 1 Well. Proceeds of production during the test period will be held in suspense pending the reformation of the unit by the Board after proper notice and hearing.

☒ YES ☐ NO

ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS STATUTE 53-3-7)

☒ YES ☐ NO

IF SO, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS STATUTE 53-3-7)

EXECUTED THIS THE 3rd DAY OF August, 20 04.

STATE OF

Mississippi

COUNTY OF

Hinds

SIGNATURE OF AFFIANT

James M. Nix (attorney)

KNOWN TO ME TO BE THE

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED James M. Nix (attorney) PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH STATES, THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT TO THE BEST OF HIS KNOWLEDGE, INFORMATION AND BELIEF THE FACTS AND MATTERS SET FORTH IN SAID REPORT IS TRUE AND CORRECT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 3rd DAY OF August, 20 04.

(SEAL)

MY COMMISSION EXPIRES:

NOTARY PUBLIC IN AND FOR SAID JURISDICTION

PERMIT NUMBER:

2005-WOP-010

APPROVAL DATE:

8-4-04

APPROVED BY:

2-2

NOTICE: BEFORE SENDING IN THIS FORM BE SURE THAT YOU HAVE GIVEN ALL INFORMATION REQUESTED

MISSISSIPPI STATE OIL AND GAS BOARD

FORM NO. 2 (REV. 4-90)

A. P. I. WELL NUMBER

STATE
23COUNTY
091WELL
20293

SKRIVANOS ENGINEERING, INC.

Stephen F. Skrivanos, P. E.

318 / 424-9200
telefax: / 424-9210

November 6, 1998

Mr. Walter Boone
Mississippi State Oil and Gas Board
500 Greymont, Suite E
Jackson, Ms. 39202

by fax: 601-354-6873

Dear Mr. Boone,

As requested, enclosed please find a directional survey for the D. A. Ratliff #2-2 well, located in Section 29, T2N, R14E, Marion County, Ms. The bottom hole location ended 161' North and 249' West of the surface location, putting the bottom hole location some 296.50' WNW from the surface location, still within the unit.

I apologize for the delay in getting this to you, as I have been out of the office for a few weeks due to illness. Please let me know if there is anything that I can do for you, in this matter, or any other.

Best regards,



Stephen F. Skrivanos

SFS/
9811msog.b

RECEIVED
NOV 09 1998
STATE OIL &
GAS BOARD

MISSISSIPPI STATE OIL & GAS BOARD

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

INDICATE TYPE OF COMPLETION									
NEW WELL X	WORKOVER	DEEPEN	PLUG BACK	SAME RESERVOIR	DIFFERENT RESERVOIR	OIL	GAS X	DRY	
DESCRIPTION OF WELL AND LEASE									
OPERATOR Skrivanos Engineering, Inc.					ADDRESS Post Office Box 1492, Shreveport, Louisiana 71164				
LEASE NAME D. A. Ratliff					WELL NUMBER 2-2		FIELD & RESERVOIR Hub Field - 11,200 Foot Paluxy Gas Pool		
LOCATION 480 feet from East line and 2180 feet from South line of Section 29 of Township 2 North, Range 14 East									
COUNTY Marion		PERMIT NUMBER 99-OPD-20		DATE ISSUED 7/15/98		PREVIOUS PERMIT NUMBER		DATE ISSUED	
DATE SPUDDED 8/5/98		DATE TOTAL DEPTH REACHED 8/25/98		DATE COMPLETED, READY TO PRODUCE 9/2/98		ELEVATION (DF, RKB, RTORGR) 131 KB feet		ELEVATION OF CASING HD FLANGE n/a	
TOTAL DEPTH 11,700 feet		P.B.T.D. 11,700 feet		SINGLE, DUAL OR TRIPLE COMPLETION? single		IF THIS IS A DUAL OR TRIPLE COMPLETION, FURNISH SEPARATE REPORT FOR EACH COMPLETION.			
PRODUCING INTERVAL(S) FOR THIS COMPLETION 11,436' - 11,458' (11,200 Foot Paluxy Gas Pool)					ROTARY OR CABLE TOOLS USED (Interval) rotary		DRILLING CONTRACTOR Energy Drilling Co.		
WAS THIS WELL DIRECTIONALLY DRILLED? no		WAS DIRECTIONAL SURVEY MADE? no		WAS COPY OF DIRECTIONAL SURVEY FILED? n/a		DATE FILED n/a			
TYPE OF ELECTRICAL OR OTHER LOGS RUN (Check Logs Filed with the Commission) Schlumberger Array Induction / Litho Density							DATE FILED with this Form No. 3		
CASING RECORD									
CASING (Report All Strings Set in Well - Conductor, Surface, Intermediate, Producing, etc.)									
PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (lb./ft.)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED			
Surface	11"	8 5/8"	32 & 24#/ft.	2,955'	610				
Production	7 7/8"	4 1/2"	11.60 #/ft.	11,700'	625				
TUBING RECORD									
SIZE 2 3/8 IN.	DEPTH SET 11,411 FT.	PACKER SET AT 11,411 FT.	SIZE 4 1/2 IN.	TOP FT.	BOTTOM FT.	SACKS CEMENT	SCREEN FT.		
PERFORATION RECORD				ACID SHOT FRACTURE CEMENT SQUEEZE RECORD					
NUMBER PER FOOT	SIZE & TYPE	DEPTH INTERVAL		AMOUNT & KIND OF MATERIAL USED			DEPTH INTERVAL		
4	2 1/4" TCP	11,436' - 11,458'					<div style="text-align: right;"> SEP 14 1998 STATE OIL & GAS BOARD </div>		
INITIAL PRODUCTION									
DATE OF FIRST PRODUCTION 9/2/98		PRODUCING METHOD (Indicate if Flowing, Gas Lift or Pumping - If Pumping, Indicate Size & Type of Pump) flowing							
DATE OF TEST 9/3/98	HOURS TESTED 24	CHOKE SIZE 16	OIL PRODUCED DURING TEST 18 BBLs.		GAS PRODUCED DURING TEST 1860 MCF		WATER PRODUCED DURING TEST 14 BBLs.		OIL GRAVITY 53 °API (Corr)
TUBING PRESSURE 1500	CASING PRESSURE 0	CALCULATED RATE OF PRODUCTION PER 24 HRS.			OIL 18 BBLs.	GAS 1860 MCF	WATER 14 BBLs.	GAS - OIL RATIO 103,333	
DISPOSITION OF GAS (State Whether Vented, Used for Fuel or Sold) sold					SOUR GAS OR OIL AMOUNT H.S.: AMOUNT CO.:				

Executed this the 9th day of September, 19 98.

State of Louisiana
Parish of Caddo



Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Stephen F. Skrivanos known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 9th day of September, 19 98.

SEAL

RHONDA Y. WASHINGTON, Notary Public
Caddo Parish, Louisiana
My Commission is for Life

My commission is for life.

Rhonda Y. Ws
Notary Public in and for Caddo Parish, Louisiana

CASING TESTS, REQUIRED BY STATEWIDE RULES 11 AND 12, MUST BE MADE.

MISSISSIPPI STATE OIL AND GAS BOARD
FORM NO. 3

A.P.I. WELL NUMBER

STATE

COUNTY

WELL

23

091

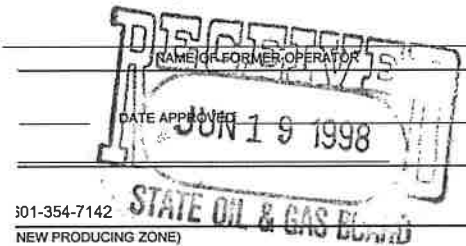
20293

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

APPLICATION TO DRILL ☒ WORKOVER ☐ CHANGE OPERATOR ☐

NAME OF COMPANY OR OPERATOR Skrivanos Engineering, Inc.				DATE June 19, 1998	
ADDRESS Post Office Box 1492		CITY Shreveport	STATE Louisiana	ZIP 71164-1492	TELEPHONE (318) 424-9200
NAME OF WELL D. A. Ratliff et al. 2		WELL NUMBER 2	ELEVATION (GROUND) 120.2'		CHECK THE TYPE OF PROPOSED WELL
WELL LOCATION (WHEN POSSIBLE GIVE FOOTAGE FROM SECTION LINES) 480 feet west of the east line and 2180 feet north of the south line of				OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/>	
SECTION 29 T. 2 North R. 14 East				OTHER (NAME)	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Hub Field -- 11,200 Foot Gas Pool			COUNTY Marion	APPROXIMATE DATE WORK WILL START July 16, 1998	
PROPOSED DEPTH 11,700 FEET	PROPOSED LENGTH OF SURFACE CASING over 2950* FEET	NUMBER OF ACRES IN DRILLING UNIT 309.2 acres	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 460 FEET	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL over 1980 FEET	

NAME OF DRILLING CONTRACTOR Energy Drilling		STATE/ZIP MS 39121	
ADDRESS Post Office Box 905		Notice: Prior To Beginning Work Notify Oil & Gas Board Representative	
FOR CHANGE OF OPERATOR ONLY SIGNATURE OF FORMER OPERATOR REQUIRED			
FOR TRANSFER OF WELL			
H/S OPERATIONS (FOR STAFF USE ONLY)			
FORM NO. 19:	DATE REQUESTED	INSPECTOR JOHN D. "DOUG" BOYD RECORDER 601-587-2777 MOBILE 601-543-5177	
CONTINGENCY PLAN:	DATE RECEIVED		
NOTE: Notify area field inspector or field director (Jackson office State Oil and Gas Board)			
REMARKS (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE)			



See Order No. ____-98, entered in Docket No. 227-98-15, approving the exception location of the well, and the exception unit for the well.

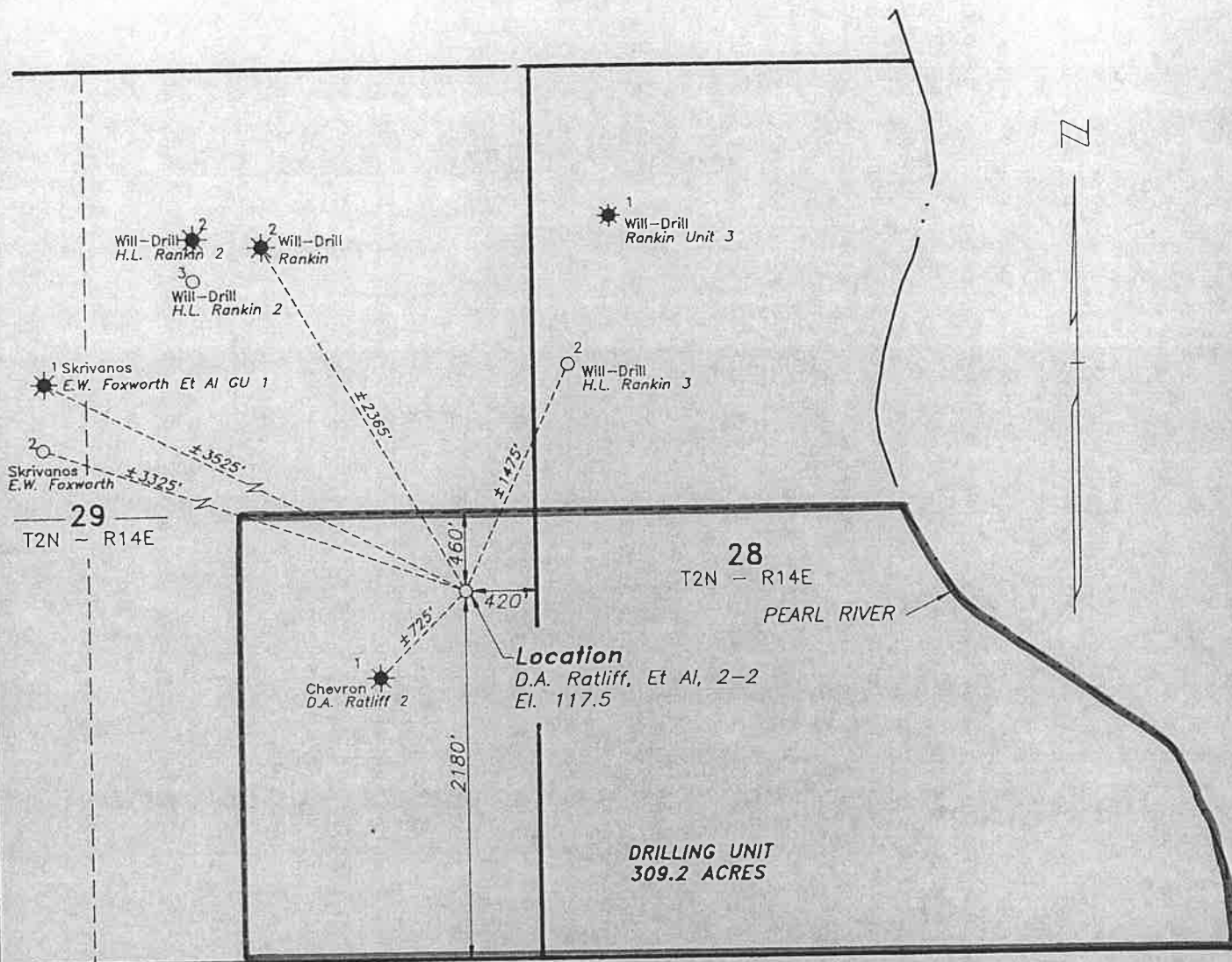
See attached Well Location Plat and Description of Drilling Unit. Also, please see attached Addendum to Form No. 2 [pertaining to required pit information].

* Surface casing shall be to the base of the lowest known USDW.

<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS STATUTE 53-3-7)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF SO, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS STATUTE 53-3-7)
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EXECUTED THIS THE <u>19th</u> DAY OF <u>June</u> , 19 <u>98</u> .	
STATE OF <u>Mississippi</u>	
COUNTY OF <u>Hinds</u>	
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED <u>Mary Ann Parks</u> KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH STATES, THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.	
SUBSCRIBED AND SWORN TO BEFORE ME THIS <u>19th</u> DAY OF <u>June</u> , 19 <u>98</u> .	
(SEAL) MISSISSIPPI STATEWIDE NOTARY PUBLIC MY COMMISSION EXPIRES FEB. 17, 2001 BONDED THRU STEGALL NOTARY SERVICE	 NOTARY PUBLIC IN AND FOR SAID JURISDICTION

PERMIT NUMBER: <u>99-OPD-020</u> APPROVAL DATE: <u>7-15-98</u> APPROVED BY: <u>Board</u> NOTICE: BEFORE SENDING IN THIS FORM BE SURE THAT YOU HAVE GIVEN ALL INFORMATION REQUESTED	MISSISSIPPI STATE OIL AND GAS BOARD FORM NO. 2 (REV. 4-90) A. P. I. WELL NUMBER STATE <u>MS</u> COUNTY <u>091</u> WELL <u>20293</u>
---	---



DRILLING UNIT 

NOTE: Proposed Well Location
Platted Without Survey
Plat Only.



BY

Pat A. Martin

WELL LOCATION

FOR

SKRIVANOS ENGINEERING, INC.
SECTION 28, T2N - R14E
MARION COUNTY, MISSISSIPPI

BY

ENGINEERING SERVICE - JACKSON, MISSISSIPPI



JUNE 18, 1998

SKRIVANOS ENGINEERING, INC. -

D. A. RATLIFF ET AL. 2 WELL NO. 2

Hub Field, Marion County, Mississippi

WELL LOCATION:

480 feet west of the east line and 2180 feet north of the south line of Section 29, Township 2 North, Range 14 East, Hub Field, Marion County, Mississippi.

DRILLING UNIT:

The following-described portions of Sections 28 and 29, Township 2 North, Range 14 East, Marion County, Mississippi, containing a total of 309.2 acres, more or less:

Beginning at the Southeast corner of Section 29, Township 2 North, Range 14 East, Marion County, Mississippi; run thence westerly along the south line of said Section 29 for 1753.1 feet, more or less; thence run northerly and parallel to the west line of the Southeast Quarter of said Section 29 for 2640.0 feet, more or less; thence run easterly along the north lines of the Southeast Quarter (SE 1/4) of said Section 29 and the South Half (S 1/2) of Section 28, Township 2 North, Range 14 East, Marion County, Mississippi, for 3927.5 feet, more or less, to the centerline of the Pearl River; thence run southeasterly along the centerline of the Pearl River for 3435.0 feet, more or less; thence run westerly along the south line of said Section 28 for 4100.0 feet, more or less, to the point of beginning.

State Oil and Gas Board



State of Mississippi

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500 Greymont Avenue, Suite E
Jackson, MS 39202
Telephone (601) 354-7142

WALTER L. BOONE, JR.
STATE OIL & GAS SUPERVISOR

July 16, 1998

(X) Permit to drill and approved Form 2 enclosed.

Minimum surface casing requirements: 2950 feet.

(X) Permit issued pursuant to Docket No. 227-98-15 ,

Order No. 342-98 , dated July 15, 1998

(X) Land disposal form attached.

(X) Form 21, NORM Survey attached.

ORIGINAL SIGNED BY
WALTER BOONE

Walter L. Boone, Jr.
STATE OIL AND GAS SUPERVISOR

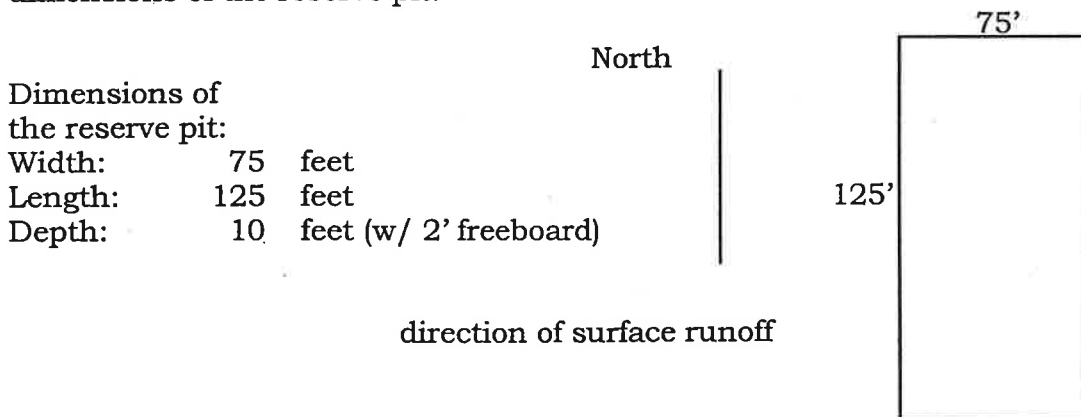
ADDENDUM TO FORM NO. 2

[Pit Information]

The following information is furnished by Skrivanos Engineering, Inc., the operator of the following-described well, in compliance with the May 25, 1988, Memorandum issued by the State Oil and Gas Board of Mississippi to the operators of wells in the State of Mississippi:

Well Name: D. A. Ratliff et al. 2 Well No. 2
Field: Hub Field
County: Marion County, Mississippi

- A. Method to dispose of pit contents: water-based mud: (a) dryhole - down wellbore
(b) productive -- landfarm; oil-based mud: hauled off to approved facility.
- B. Estimated volume of drilling mud, cuttings, rig location drainage water and other associated fluids to be held within the reserve pit: 13,350 barrels.
- C. Sketch of the reserve pit, which shows the surface location runoff and internal dimensions of the reserve pit:



- D. Operator's representative to be contacted by the Board in the event of violation or inquiry:

Name: Stephen F. Skrivanos, P.E.
Address: Post Office Box 1492
Shreveport, Louisiana 71164-1492
Telephone: (318) 424-9200