

**WELL NAME: HARRELL SMITH NO. 1- 11**

**COUNTY: JEFFERSON**

**FIELD: FAYETTE**

**SECTION. 2 TWN. 9 N RANGE. 1 E**

**LAT. 31.76843 LONG. -91.14517**

**API # 23-063-20353**

**BASE OF USDW: 1020'**

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

134142

APPLICATION TO DRILL  WORKOVER  CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR <b>HARRINGTON OIL, INC.</b>			DATE November 1, 2002		
ADDRESS P. O. BOX 14111		CITY Jackson	STATE MS	ZIP	TELEPHONE 601-446-5219
NAME OF WELL Harrell-Smith		WELL NUMBER 1-11	ELEVATION (GROUND) 189	CHECK THE TYPE OF PROPOSED WELL OIL <input checked="" type="checkbox"/>	
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) Fr most S/ly cor of Sec. 11, T9N-R1E, go northerly along range line or west line of Sec. 11 for 1052' thence east at RA for 300' to location in Sec. 11, T9N-R1E			GAS _____		OTHER (NAME) _____
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Fayette - Tuscaloosa		COUNTY Jefferson		APPROXIMATE DATE WORK WILL START _____	
PROPOSED DEPTH: _____ FEET	PROPOSED LENGTH OF SURFACE CASING _____ FEET	NUMBER OF ACRES IN DRILLING UNIT 40	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE _____ FEET	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL _____ FEET	

NAME OF DRILLING CONTRACTOR \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_

FOR CHANGE OF OPERATOR ONLY  
SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL

*[Signature]* AUTHORIZED REPRESENTATIVE SIGNATURE

**KFG PETROLEUM CORPORATION**  
NAME OF FORMER OPERATOR

H<sub>2</sub>S OPERATIONS (FOR STAFF USE ONLY)  
FORM NO. 19: 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, P.O. Box 1332, Jackson, MS 39215-1332 601-359-3725

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

CHANGE OF OPERATOR ONLY EFFECTIVE 11/1/02.

**RECEIVED**  
NOV 25 2002  
STATE OIL & GAS

1) YES  NO ARE THERE SEPARATELY OWNED TRACTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT?

YES  NO IF SO, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS 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?

EXECUTED THIS THE 26<sup>th</sup> DAY OF NOVEMBER  2002

STATE OF MISSISSIPPI

COUNTY OF Harrison

*[Signature]* SIGNATURE OF AFFIANT  
**HENRY GREAVES** KNOWN TO ME TO

BEFORE ME THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED \_\_\_\_\_ 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 26<sup>th</sup> DAY OF NOVEMBER  2002

SEAL

MY COMMISSION EXPIRES \_\_\_\_\_

MISSISSIPPI STATE WIDE NOTARY PUBLIC  
MY COMMISSION EXPIRES JAN 10, 2006  
(BONDED THRU STEGALL NOTARY SERVICE)

NOTARY PUBLIC IN AND FOR \_\_\_\_\_ COUNTY, MISSISSIPPI

PERMIT NUMBER 2003-COP-561

APPROVAL DATE 12-3-2002

APPROVED BY [Signature]

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 10-86)  
A P I WELL NUMBER \_\_\_\_\_

STATE MS COUNTY H. S. WELL 20353

# APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

127939

APPLICATION TO DRILL    WORKOVER    CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR: KFG Petroleum Corporation      DATE: December 15, 2000

ADDRESS: 118 Lower Woodville Road, Suite 2    CITY: Natchez    STATE: MS    ZIP: \_\_\_\_\_    TELEPHONE: 601-446-5219

NAME OF WELL: Harrell-Smith    WELL NUMBER: 1-11    ELEVATION (GROUND): 189    CHECK THE TYPE OF PROPOSED WELL: OIL

WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES):  
Fr most S/ly cor of Sec. 11, T9N-R1E, go northerly along range line or west line of Sec. 11 for 1052' thence east at RA for 300' to location in Sec. 11, T9N-R1E  
 SECTION 11 T 9N R 1E    OTHER (NAME): \_\_\_\_\_

FIELD & RESERVOIR (IF WILDCAT, SO STATE): Fayette - Tuscaloosa    COUNTY: Jefferson    APPROXIMATE DATE WORK WILL START: \_\_\_\_\_

PROPOSED DEPTH:	PROPOSED LENGTH OF SURFACE CASING	NUMBER OF ACRES IN DRILLING UNIT	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL
_____ FEET	_____ FEET	40	_____ FEET	_____ FEET

NAME OF DRILLING CONTRACTOR: \_\_\_\_\_    CITY: \_\_\_\_\_    STATE: \_\_\_\_\_

FOR CHANGE OF OPERATOR ONLY: SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL: [Signature]    AUTHORIZED REPRESENTATIVE SIGNATURE: \_\_\_\_\_    NAME OF FORMER OPERATOR: ANDERSON OIL COMPANY, INC.

H<sub>2</sub>S OPERATIONS (FOR STAFF USE ONLY): FORM NO. 19: DATE REQUESTED: \_\_\_\_\_ 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, P.O. Box 1332, Jackson, MS 39215-1332    601-359-3725

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

CHANGE OF OPERATOR ONLY EFFECTIVE 1/1/01.    NOTICE: PRIOR TO BEGINNING WORK NOTIFY OIL & GAS BD REPRESENTATIVE

INSPECTOR: RAY HUFF  
 RECORDER: 601 878-5741  
 MOBIL: 601 835-6802

**RECEIVED**  
 DEC 28 2000  
 STATE OIL & GAS BOARD

YES  NO \_\_\_\_\_ ARE THERE SEPARATELY OWNED TRACTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT?    YES  NO \_\_\_\_\_ IF SO HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS 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?

EXECUTED THIS THE 15TH DAY OF DECEMBER 2000    STATE OF MISSISSIPPI    COUNTY OF ADAMS    SIGNATURE OF AFFIANT: [Signature]  
G STEPHEN GUIDO    KNOWN TO ME TO

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED \_\_\_\_\_ 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 15TH DAY OF DECEMBER 2000    SEAL: \_\_\_\_\_    MY COMMISSION EXPIRES: 3/13/02  
 NOTARY PUBLIC IN AND FOR ADAMS COUNTY, MISSISSIPPI

PERMIT NUMBER: 2001 COP - 329  
 APPROVAL DATE: 2-8-2001  
 APPROVED BY: [Signature]  
 NOTICE: BEFORE SENDING IN THIS FORM BE SURE THAT YOU HAVE GIVEN ALL INFORMATION REQUESTED  
 SEE INSTRUCTIONS ON REVERSE SIDE OF FORM

**MISSISSIPPI STATE OIL AND GAS BOARD**

FORM NO. 2 (REV. 10-86)  
 A P I WELL NUMBER

STATE: 03    COUNTY: 063    WELL: 20353

**APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR**

APPLICATION TO DRILL  WORKOVER  CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR <b>Anderson Oil Co., Inc.</b>			DATE <b>1/12/98</b>		
ADDRESS <b>P. O. Box 2216</b>		CITY <b>Natchez</b>	STATE <b>MS</b>	ZIP <b>39121</b>	TELEPHONE <b>601-442-2960</b>
NAME OF WELL <b>Harrell-Smith</b>		WELL NUMBER <b>1-11</b>	ELEVATION (GROUND) <b>189</b>	CHECK THE TYPE OF PROPOSED WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/>	
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) <b>1/4 most S/ly cor of Sec 11 9N, 1E, go northerly along range line or west line of Sec 11 for 1052' thence east at RA for 330' to loc.</b>					OTHER (NAME) _____
FIELD & RESERVOIR (IF WILDCAT, SO STATE) <b>Fayette Tuscaloosa</b>			COUNTY <b>Jefferson</b>	APPROXIMATE DATE WORK WILL START <b>1/19/98</b>	
PROPOSED DEPTH: <b>9800</b> FEET	PROPOSED LENGTH OF SURFACE CASING <b>1130</b> FEET	NUMBER OF ACRES IN DRILLING UNIT <b>40</b>	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE <b>330</b> FEET	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL <b>600</b> FEET	

NAME OF DRILLING CONTRACTOR \_\_\_\_\_  
ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_

**FOR CHANGE OF OPERATOR ONLY**  
SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL \_\_\_\_\_  
AUTHORIZED REPRESENTATIVE SIGNATURE \_\_\_\_\_  
NAME OF FORMER OPERATOR \_\_\_\_\_

**H<sub>2</sub>S OPERATIONS (FOR STAFF USE ONLY)**  
FORM NO. 19: 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 601-354-7448

REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)  
**Add additional perfs in the interval 9624 - 9630 to the original perfs of 9607 - 9613 using a 1 11/16 through tubing gun loaded 6 SPF.**  
**Should the well test gas a 320 acre unit will be formed.**

INSPECTOR:  
**RAY HUFF**  
601-878-5741

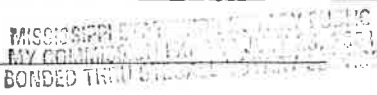
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF MS STATUTE 53-3-7)	<input type="checkbox"/> YES <input type="checkbox"/> NO IF SO, HA INTEREST AGREED TO BY DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF MS STATUTE 53-3-7)
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EXECUTED THIS THE 12th DAY OF January, 1998  
STATE OF Mississippi  
COUNTY OF Adams

*J. Jack Cox*  
SIGNATURE OF AFFIANT

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED J. Jack Cox 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 12th DAY OF January, 1998

SEAL  MY COMMISSION EXPIRES \_\_\_\_\_

*Charles Paul Mason*  
NOTARY PUBLIC IN AND FOR Adams  
COUNTY Mississippi

PERMIT NUMBER _____	<b>MISSISSIPPI STATE OIL AND GAS BOARD</b>
APPROVAL DATE <u>1-15-98</u>	
APPROVED BY <u>[Signature]</u>	
NOTICE BEFORE SENDING IN THIS FORM BE SURE THAT YOU HAVE GIVEN ALL INFORMATION REQUESTED	
SEE INSTRUCTIONS ON REVERSE SIDE OF FORM	FORM NO 2 (REV 4 90) A P I WELL NUMBER STATE <u>23</u> COUNTY <u>063</u> WELL <u>20353</u>

# APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

APPLICATION TO DRILL  WORKOVER  CHANGE OPERATOR

RECEIVED

AUG 05 1994

NAME OF COMPANY OR OPERATOR: Anderson Oil Company, Inc. DATE: 8-1-94

ADDRESS: P.O. Box 2216 CITY: Natchez STATE: MS ZIP: 39121 TELEPHONE: 601-442-2960 **GAS BOARD**

NAME OF WELL: Harrell-Smith WELL NUMBER: 1-11 ELEVATION (GROUND): 180' est

WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES): 1052' N of S corner & 300' from the W line  
SECTION: 11 T 9N R 1E

FIELD & RESERVOIR (IF WILDCAT, SO STATE): Fayette - L. Tusc. COUNTY: Jefferson

PROPOSED DEPTH	PROPOSED LENGTH OF SURFACE CASING	NUMBER OF ACRES IN DRILLING UNIT	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL
9800 FEET	1130 FEET	40	330 FEET	600 FEET

NAME OF DRILLING CONTRACTOR: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_

FOR CHANGE OF OPERATOR ONLY  
SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL: [Signature] Kern & Brooks Oil Operations, Inc.  
AUTHORIZED REPRESENTATIVE SIGNATURE NAME OF FORMER OPERATOR

H<sub>2</sub>S OPERATIONS (FOR STAFF USE ONLY)  
FORM NO. 19 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, P.O. Box 1332, Jackson, MS 39215-1332 601-359-3725

REMARKS (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)  
  
Change of Operator from Kern & Brooks Oil Operations, Inc. to Anderson Oil Company, Inc.

YES NO ARE THERE SEPARATELY OWNED TRACTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? YES NO IF SO, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS 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?

EXECUTED THIS THE 3<sup>rd</sup> DAY OF AUGUST 19 94  
STATE OF Mississippi COUNTY OF Hinds  
SIGNATURE OF AFFIANT: [Signature]  
J. Jack Cox KNOWN TO ME TO

BEFORE ME THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED \_\_\_\_\_ 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 August DAY OF 19 94  
SEAL MY COMMISSION EXPIRES 6/16/98  
NOTARY PUBLIC IN AND FOR Hinds COUNTY Mississippi

PERMIT NUMBER: <u>95COP024</u> APPROVAL DATE: <u>8-9-94</u> APPROVED BY: <u>[Signature]</u>	<b>MISSISSIPPI STATE OIL AND GAS BOARD</b> FORM NO. 7 (REV. 10-83) A.P. WELL NUMBER: _____ STATE: <u>23</u> COUNTY: <u>MS</u> WELL: <u>20353</u>
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**MISSISSIPPI STATE OIL & GAS BOARD  
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

Form No. 3

**DESIGNATE TYPE OF COMPLETION:**

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

**DESCRIPTION OF WELL AND LEASE**

Operator Kern & Brooks Oil Operations, Inc.		Address 1 LeFleur's Square, 4735 Old Canton Rd Jackson, Miss., 39211	
Lease Name Harrell-Smith		Well Number 1-11	Field & Reservoir Fayette Field - L. Tusc.
Location From S/cor Sec, go N alg Twp line 1052' E @ rt angle 330' to location.		Sec.—TWP—Range or Block & Survey Sec 11 - T9N - R1E	
County Jefferson	Permit number 794	Date Issued 6-17-82	Previous permit number -
Date spudded 6-23-82	Date total depth reached 9766'	Date completed, ready to produce 9-11-82	Elevation (DF, RKB, DF/188.8 Gr) 199.8
Total depth 9766	P.B.T.D. 9760	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 9606-9614'		Rotary or cable tools used (interval) Rotary 0-9766'	Drilling Contractor Energy Drlg. Co.
Was this well directionally drilled? No	Was directional survey made? -	Was copy of directional survey filed? -	Date filed -
Type of electrical or other logs run (check logs filed with the commission) DIL w/ GR and Sonic			Date filed August 1982

**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	Amt. pulled
Conductor	22"	16"	55#	40'	4 cu yds.	-
Surface	12½"	8-5/8"	24#	1130'	600 sx	-
Production	7-7/8"	4-1/2"	11.60#	9681	450 sx	-

**TUBING RECORD**

**LINER RECORD**

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8 in.	9554 ft.	9554 ft.	in.	ft.	ft.		

**PERFORATION RECORD**

**ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD**

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
7 holes	1-11/16HypJet	9650-51½'	Sqz 115 sx cement	9650-51½'
6 holes	1-11/16HypJet	9533-34½'	Sqz 185 sx cement	9633-34½'
7 holes	" "	9583-84½'	Sqz 135 sx cement	9583-84½'
8 holes	" "	9607-13'	INITIAL PRODUCTION 250gal Dow IV acid 9607-13'	

Date of first production  
8-27-82  
Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump):  
Flowing gas condensate

Date of test	Hrs tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
8-27-82	24 hrs	10/64"	45.6 bbls.	1960 MCF	0 bbls.	56 ° API (Corr)

Tubing pressure	Casing pressure	Cal'ated rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
2210	300		45.6 bbls.	1960 MCF	0 bbls.	42980:1

Disposition of gas (state whether vented, used for fuel or sold):  
Sold  
For Sour Gas or Oil  
Amount H<sub>2</sub>S:  
Amount CO<sub>2</sub>:

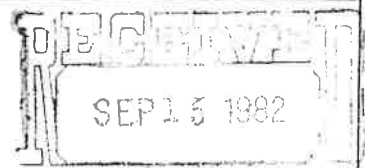
Executed this the 15th day of September 19 82  
State of Mississippi  
County of Hinds  
Signature of Affiant  
*M. K. Kern*  
M. K. Kern

Before me, the undersigned authority, on this day personally appeared M. K. Kern 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 15th day of September 19 82

SEAL  
My commission expires September 16, 1982  
Notary Public In and for Hinds  
County, Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.



## DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Wilcox	3596'		Sand & Shale
Midway	6920'		Shale
Selma	7840'		Chalk
L. Tuscaloosa	9504'		Shale & Sand

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

**INSTRUCTIONS:**

Attach electrical log if run

This well completion or recompletion report and well log shall be filed with the Mississippi State Oil and Gas Board not later than thirty days after project completion.

# APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

APPLICATION TO DRILL  WORKOVER  CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR DATE

Kern & Brooks Oil Operations, Inc.

June 15, 1982

Address City State  
 1206 Capital Towers Jackson Mississippi 39201

DESCRIPTION OF WELL

Name of well Well number Elevation (ground)  
 Harrell-Smith #1-11 180' est.

Well location (give footage from section lines) Section - township - range or block & survey  
 1052' N of South corner Section - 330' FWL Sec 11 - T9N - R1E

Field & reservoir (If wildcat, so state) County  
 Fayette Field Jefferson

Check the type of proposed well Oil  Gas  Other (Name) \_\_\_\_\_

Nearest distance from proposed location to drilling unit line Distance from proposed location to nearest drilling, completed or applied - for well  
 330 feet J. McGowan #11 Smith (Wilcox) 600 feet

Proposed depth: Proposed length of Approx date work will start  
 9800 feet surface casing 1130 feet 6-21-82

Number of acres in drilling unit Name of drilling contractor City State  
 40 acres Energy Drilling Company Natchez MS 39120  
 Address P. O. Box 905

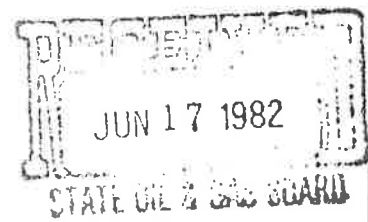
STATE OIL AND GAS BOARD OFFICES

P. O. Box 1332 JACKSON, MISS. Tel. 354-7104	Joe Gable, Jr. COLUMBUS, MS Tel. 328-2257	Joe Nester SOSO, MISS. Tel. 729-8811	Sidney Roberts LIBERTY, MISS. Tel. 657-4582	Percy Quin COLUMBIA, MISS. Tel. 736-4390	Tradis West WAYNESBORO, MISS. Tel. 648-2550	Alton E. Pate MEADVILLE, MS Tel. 384-2904
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NOTE: Notify nearest field office or Jackson office on dates of spudding and reaching total depth.

Remarks: (If this is an application to workover, briefly describe work to be done, giving present producing zone and expected new producing zone)

1130



YES  NO Are there separately owned tracts in the drilling unit for which this permit is sought?  YES  NO If so, has the person owning the drilling rights in said tracts 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?

Executed this the 15th day of June, 19 82  
 State of Mississippi  
 County of Hinds  
M. K. Kern  
Signature of Affiant

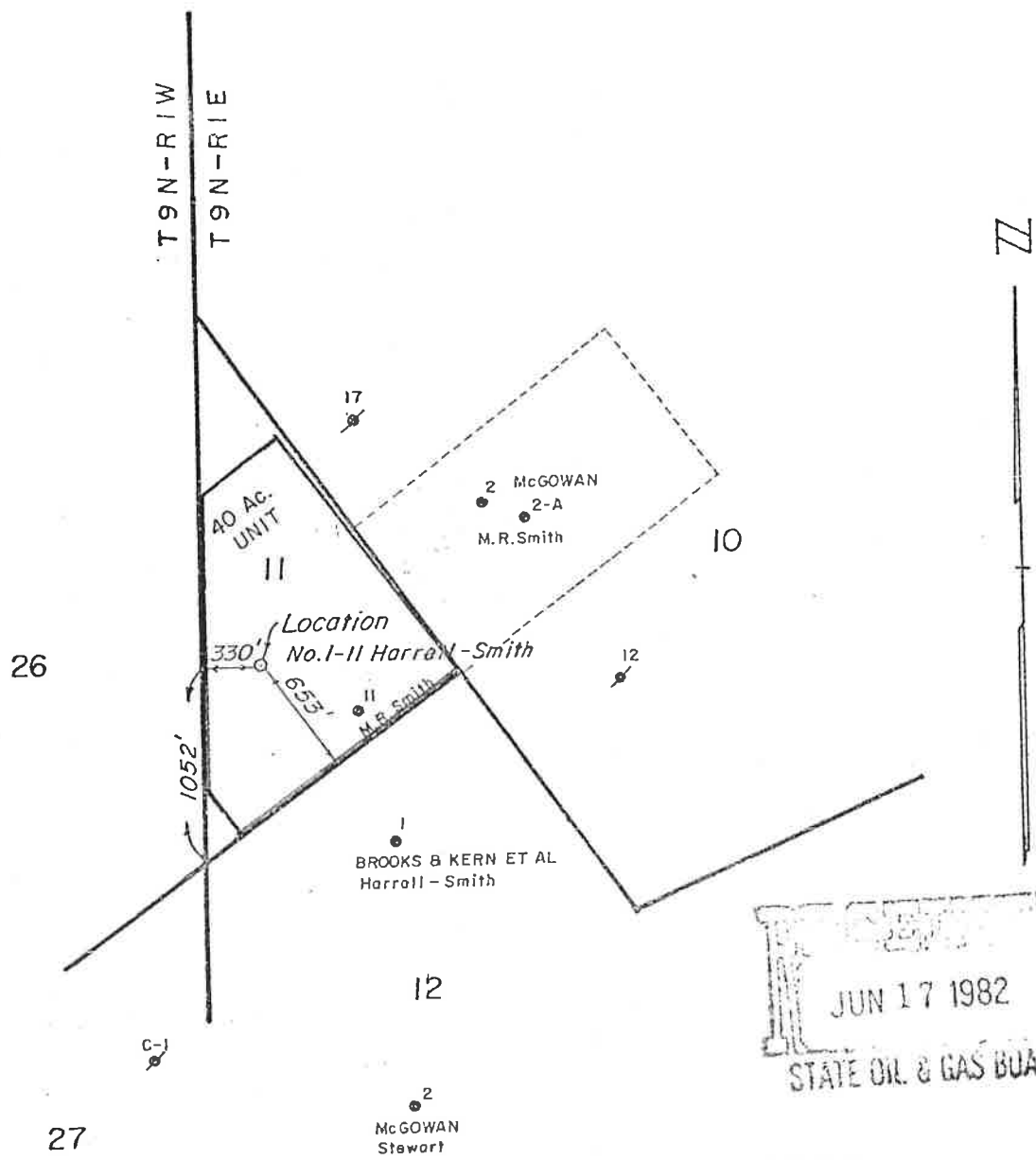
Before me, the undersigned authority, on this day personally appeared M. K. Kern known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated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

Subscribed and sworn to before me this 15th day of June, 19 82

SEAL My commission expires September 16, 1982  
Betty E. May  
Notary Public in and for Hinds  
County, Mississippi

Permit Number: <u>794</u> Approval Date: <u>6-17-82</u> Approved By: <u>Robert B. Wilson/B: [Signature]</u> Notice: Before sending in this form be sure that you have given all information requested. See instructions on Reverse Side of Form	<b>MISSISSIPPI STATE OIL AND GAS BOARD</b> Form No. 2 (Rev. 8/1977) A. P. I. Well Number State <u>23</u> County <u>253</u> Well <u>20353</u>
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JUN 17 1982  
STATE OIL & GAS BOARD

DRILLING UNIT \_\_\_\_\_

NOTE :  
The Drilling Unit shown hereon lies totally within the confines of a rectangle 1445 X 1810.

WELL LOCATION  
FOR  
KERN & BROOKS -  
CHAMPLIN PETROLEUM COMPANY ET AL  
SECTION 11 T 9 N - R 1 E  
JEFFERSON COUNTY, MISSISSIPPI

BY  
ENGINEERING SERVICE - JACKSON, MISSISSIPPI

ARTHUR MARTIN  
REGISTERED  
ENGINEERING SERVICE  
13-1560

By *Pat A. Martin*

0 1000 2000 3000  
SCALE IN FEET

MARCH, 1982