



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

APPLICATION TO DRILL     DEEPEN     PLUG BACK     FOR AN OIL WELL     OR GAS WELL

NAME OF COMPANY OR OPERATOR: Dean Shideley Farm    DATE: 1-30-89  
 ADDRESS: Box 20- RR2    CITY: Drexel    STATE: MO    ZIP CODE: 64742

**DESCRIPTION OF WELL AND LEASE**

NAME OF LEASE: Dean Shideley Farm    WELL NUMBER: 2-A    ELEVATION (GROUND): 994

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE)  
 \_\_\_\_\_ FT. FROM (N)(S) SECTION LINE    \_\_\_\_\_ FEET FROM (E) (W) SECTION LINE

WELL LOCATION    SECTION    TOWNSHIP    RANGE    COUNTY

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE \_\_\_\_\_ FEET  
 DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE \_\_\_\_\_ FEET

PROPOSED DEPTH: 450'    DRILLING CONTRACTOR, NAME AND ADDRESS: Same    ROTARY OR CABLE TOOLS: Rotary    APPROX. DATE WORK WILL START: 2-10-89

NUMBER OF ACRES IN LEASE: 965    NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 2  
 NUMBER OF ABANDONED WELLS ON LEASE: \_\_\_\_\_

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?  
 NAME: NONE    ADDRESS: \_\_\_\_\_    NO. OF WELLS: PRODUCING \_\_\_\_\_  
 INJECTION \_\_\_\_\_  
 INACTIVE \_\_\_\_\_  
 ABANDONED \_\_\_\_\_

STATUS OF BOND     SINGLE WELL AMOUNT \$ \_\_\_\_\_     BLANKET BOND AMOUNT \$ 100,000     ON FILE Letters of Credit     ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)  

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PROPOSED CASING PROGRAM				APPROVED CASING — TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
<u>20'</u>	<u>6 3/4</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>6 3/4</u>		<input checked="" type="checkbox"/>
<u>450'</u>	<u>2 3/8</u>			<input checked="" type="checkbox"/>	<u>2 3/8</u>		<input checked="" type="checkbox"/>

I, the undersigned, state that I am the owner of the Farm (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE: Dean Shideley    DATE: 1-30-89

PERMIT NUMBER: 20508     DRILLER'S LOG REQUIRED     E-LOGS REQUIRED IF RUN  
 CORE ANALYSIS REQUIRED IF RUN     DRILL STEM TEST INFO. REQUIRED IF RUN  
 SAMPLES REQUIRED  
 SAMPLES NOT REQUIRED  
 WATER SAMPLES REQUIRED AT \_\_\_\_\_  
 APPROVAL DATE: 2-9-89  
 APPROVED BY: Jane Holly Weidman

**NOTE** ▶ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.

I \_\_\_\_\_ of the \_\_\_\_\_ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE \_\_\_\_\_    DATE \_\_\_\_\_



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL  
**WELL LOCATION PLAT**

FORM OGC-4

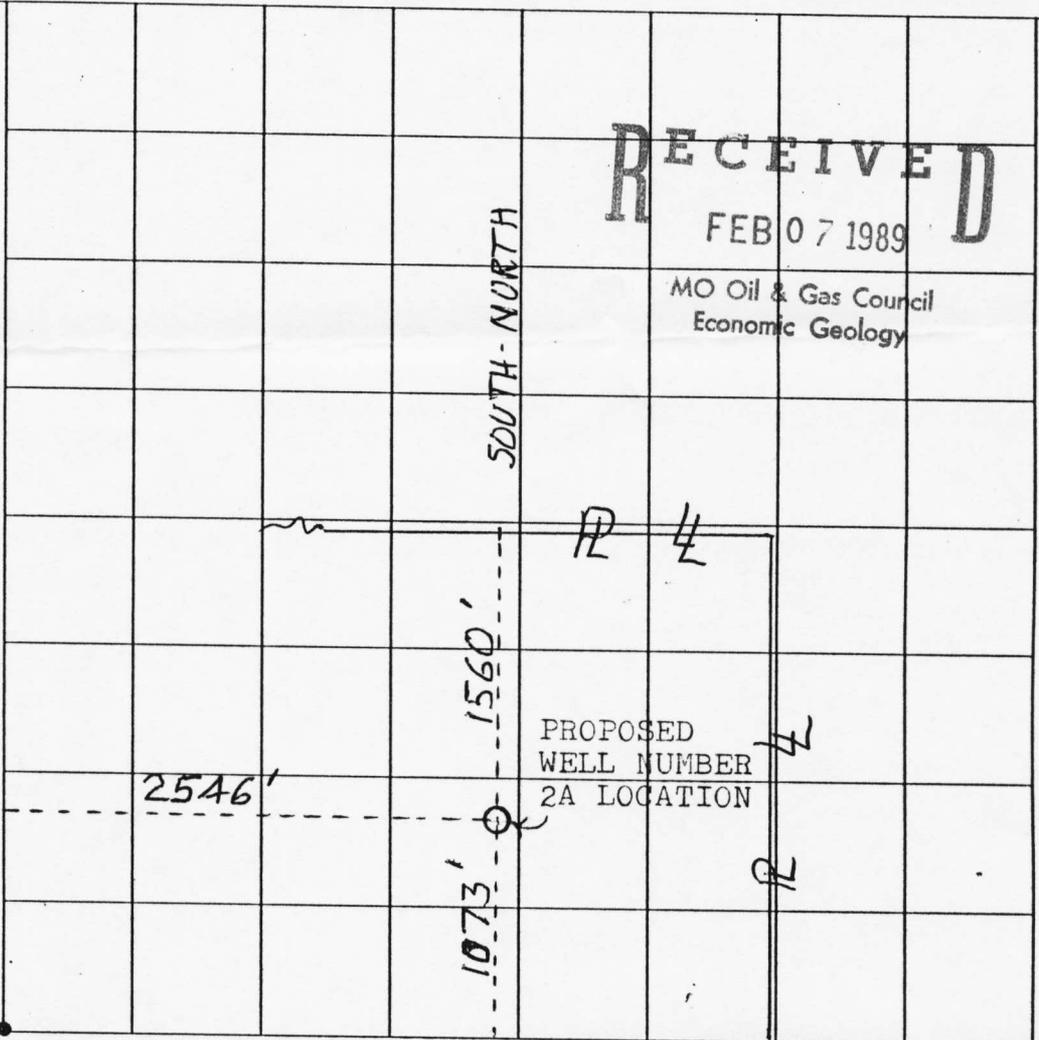
OWNER: DEAN SHIDELER, RR, DREXEL, MISSOURI 64742

LEASE NAME: SAME COUNTY: CASS

1073 FEET FROM S SECTION LINE AND 2546 FEET FROM W SECTION LINE OF SEC. 8, TWP 43 N, RANGE 33



SCALE  
1" = 1000'



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REMARKS: FOUND 3/8" IRON BAR AT SW COR 8-43-33 SECTION LINE ASSUMED WEST-EAST

SEE SURVEY PAGE TWO FOR LOCATION OF NEAREST WELL.

**INSTRUCTIONS**  
On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

*William C. Lethcho* (SEAL)  
REGISTERED LAND SURVEYOR

REMIT TWO (2) COPIES TO:  
MISSOURI OIL AND GAS COUNCIL  
P.O. BOX 250, ROLLA, MO 65401

WILLIAM C. LETHCHO  
BATES COUNTY SURVEYOR

NUMBER  
LS-1539

W. C. LETHCHO  
 COUNTY ENGINEER & SURVEYOR  
 Bates County Court House  
 BUTLER, MO. 64730  
 Phone 679-4031



JANUARY 31, 1989  
 WELL NUMBER 2A  
 REFERENCE TIES  
 IN THE SE $\frac{1}{4}$ SW $\frac{1}{4}$   
 SEC 8, T43N, R33W  
 IN CASS COUNTY,  
 MISSOURI.

BEARING BASED ON THE SOUTH LINE  
 OF 8-43-33 ASSUMED WEST-EAST.

8"  
 LOCUST  
 B.C. &  
 P-K NAIL

WELL  
 NUMBER  
 1A  
 DRILLED

89.099'

N02°32'45"E

N25°22'N 120.8'

7"  
 ELM  
 B.C. &  
 P-K NAIL

N66°07'W  
 71.5'

WEST  
 1227'

PROPOSED  
 WELL  
 NUMBER  
 2A LOCATION

CENTER LINE OF ROUTE D  
 (PUBLIC ROAD)

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S46°07'W  
 117.2'

6" LOCUST - B.C. & P-K NAIL

SURVEY PAGE TWO OF DEAN SHIDELER SURVEY OF 1-31-89

THIS IS TO CERTIFY THAT THE REFERENCE TIES SHOWN ON THE ABOVE  
 SKETCH ARE IN ACCORDANCE WITH THE DNR CURRENT MINIMUM STANDARDS  
 FOR PROPERTY BOUNDARY SURVEYS 10 CSR 30-2.010.

*William C. Lethcho 2-1-89*  
 WILLIAM C. LETHCHO LS-1539



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL  
**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

Form OGC-5

NEW WELL  WORKOVER  DEEPEN  PLUG BACK  INJECTION  SAME RESERVOIR  DIFFERENT RESERVOIR  OIL  GAS  DRY

OWNER <i>Dean Shideler</i>		ADDRESS <i>Box 20 RR2 Dreyel Mo</i>			
LEASE NAME <i>Same</i>		WELL NUMBER <i>2A</i>			
LOCATION <i>Shideler farm</i>			SEC. TWP. AND RANGE OR BLOCK AND SURVEY <i>8-43N- Range 33</i>		
COUNTY <i>Cass</i>	PERMIT NUMBER (OGC-3 OR OGC-31) <i>20508</i>				
DATE SPUNDED <i>2-15-89</i>	DATE TOTAL DEPTH REACHED <del>518</del> <i>2-19-89</i>	DATE COMPLETED READY TO PRODUCE OR INJECT <i>3-15-89</i>	ELEVATION (DF, RKR, RT, OR Gr.) FEET <i>993</i>	ELEVATION OF CASING HD. FLANGE <i>993</i> FEET	
TOTAL DEPTH <i>518</i>	PLUG BACK TOTAL DEPTH <i>467</i>				
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION <i>293-299</i>		ROTARY TOOLS USED (INTERVAL) <i>0 TO 518</i>		CABLE TOOLS USED (INTERVAL) —	
WAS THIS WELL DIRECTIONALLY DRILLED? <i>No</i>		WAS DIRECTIONAL SURVEY MADE? <i>No</i>		WAS COPY OF DIRECTIONAL SURVEY FILED? —	
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) <i>Gamma Ray &amp; Neutron</i>				DATE FILED <i>5-22-89</i>	

**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
<i>surface</i>	<i>9"</i>	<i>6 1/4</i>		<i>26'</i>	<i>8</i>	
<i>producing</i>	<i>5 1/4</i>	<i>2 7/8 upset</i>		<i>467</i>	<i>56</i>	

**TUBING RECORD**

**LINER RECORD**

SIZE IN.	DEPTH SET FEET	PACKER SET AT FEET	SIZE INCH	TOP FEET	BOTTOM FEET	SACKS CEMENT	SCREEN FEET

**PERFORATION RECORD**

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

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
<i>2</i>	<i>2" DML</i>	<i>293-299</i>	<i>325 gal 15% HCl acid</i>	<i>same</i>
		<i>304.5-308.5</i>	<i>15 sks 12-30 15 sks 10-20 sand</i>	

**INITIAL PRODUCTION**

DATE OF FIRST PRODUCTION OR INJECTION <i>3-15-89</i>		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING, SHOW SIZE AND TYPE OF PUMP.) <i>gas lift</i>				
DATE OF TEST <i>3-15-89</i>	HOURS TESTED <i>10</i>	CHOKE SIZE	OIL PRODUCED DURING TEST <i>1</i> bbls.	GAS PRODUCED DURING TEST <i>35</i> MCF	WATER PRODUCED DURING TEST <i>3</i> bbls.	OIL GRAVITY <i>?</i> API (CORR.)
TUBING PRESSURE	CASING PRESSURE <i>82 lb</i>	CAL'ED RATE OF PRODUCTION PER 24 HOURS		OIL <i>2</i> bbls.	GAS <i>80</i> MCF	WATER <i>6</i> bbls.
				GAS OIL RATIO <i>1-3</i>		

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

METHOD OF DISPOSAL OF MUD PIT CONTENTS  
*shut in, trying to market evaporated, pit filled*

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE *owner* OF THE *farm* COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE *3-22-89* SIGNATURE *Dean Shideler*

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**MAY 25 1989**  
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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL  
**PLUGGING RECORD**

FORM OGC-7

OWNER <i>Dean Schideler</i>		ADDRESS <i>1007 E ST RT 00</i>	
NAME OF LEASE <i>Schideler Farm</i>		WELL NUMBER <i>2-A</i>	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <i>20508</i>
LOCATION OF WELL <i>1090 FSL-2475 FEL</i>		SEC-TWP-RNG OR BLOCK & SURVEY <i>8-43N-33W</i>	COUNTY <i>Cass</i>
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: <i>owner</i>	HAS THIS WELL EVER PRODUCED OIL OR GAS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBL/DAY) _____ GAS (MCF/DAY) _____	
DATE ABANDONED <i>10-31-99</i>	TOTAL DEPTH <i>370</i>	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) <i>0</i> GAS (MCF/DAY) <i>3 MCF</i>	WATER (BBL/DAY) _____

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.	Fluid content of each formation	Depth interval of each formation	Size, kind, & depth of plugs used, giving amount cement.
<i>Hepler unknown</i>	<i>dry oil</i>	<i>293-298</i> <i>304.5-308.5</i>	<i>15 lbs</i> <i>to surface</i>

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
<i>2 7/8</i>	<i>370</i>	<i>none</i>	<i>370</i>	<i>none</i>	<i>none</i>

WAS WELL FILLED WITH MUD-LADEN FLUID? \_\_\_\_\_ INDICATE DEEPEST FORMATION CONTAINING FRESH WATER \_\_\_\_\_

**NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE**

NAME	ADDRESS	DIRECTION FROM THIS WELL
<i>Growth Ind.</i>	<i>Grandview Mo</i>	<i>N-E S</i>

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METHOD OF DISPOSAL OF MUD PIT CONTENTS \_\_\_\_\_

NOTE FILE THIS FORM IN DUPLICATE WITH (USE REVERSE SIDE FOR ADDITIONAL DETAIL)

CERTIFICATE I, the undersigned, state that I <sup>was</sup> ~~am~~ the *owner* of the *farm* (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE *Dean Schideler* DATE *12-20-99*

2A

0 - 10	Clay	348 - 358	limestone
10 - 26	shale	358 - 376	shale
26 - 35	limestone	376 - 379	limestone
35 - 47	shale	379 - 381	Black shale
47 - 82	limestone	381 - 390	shale
82 - 85	shale	390 - 393	shaly sandstone
85 - 87	Black shale	393 - 417	limestone
87 - 88	shale	417 - 421	shale
88 - 108	limestone	421 - 429	limestone
108 - 112	shale	422 - 426	shale
112 - 113	Black shale	426 - 428	limestone
113 - 115	limestone	428 - 431	shale
115 - 118	shale	431 - 433	Black shale
118 - 124	limestone	433 - 452	shale
124 - 126	shale	452 - 453	Black shale
126 - 130	limestone	453 - 457	shale
130 - 142	shale	457 - 467	sandy shale
142 - 145	sandy shale	467 - 518 to	shale
145 - 152	sandstone		
152 - 154	shaly sandstone		
154 - 237	shale		
237 - 240	sandy shale		
240 - 242	sandy shale		
242 - 261	shale		
261 - 263	Black shale		
263 - 271	shale		
271 - 298	sandstone		
298 - 302	shale		
302 - 304	sandy shale		
304 - 307	sand oil		
307 - 330	shale		
330 - 336	limestone		
336 - 348	shale		

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