



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    DATE 7-27-90

ADDRESS RR2 Box 20    CITY Drexel    STATE MO    ZIP CODE 64742

**DESCRIPTION OF WELL AND LEASE**

NAME OF LEASE Dean Shideley Farm    WELL NUMBER 6-A    ELEVATION (GROUND) 952.5

WELL LOCATION 2343 FT. FROM (S) SECTION LINE 2520 FEET FROM (W) SECTION LINE

WELL LOCATION NE 1/4 SW 1/2    SECTION 8    TOWNSHIP 43N    RANGE 33W    COUNTY Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 297 FEET  
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE 613 FEET

PROPOSED DEPTH 450    DRILLING CONTRACTOR, NAME AND ADDRESS Same    ROTARY OR CABLE TOOLS rotary    APPROX. DATE WORK WILL START 8-16-90

NUMBER OF ACRES IN LEASE \_\_\_\_\_    NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 6  
NUMBER OF ABANDONED WELLS ON LEASE \_\_\_\_\_

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? \_\_\_\_\_    NO. OF WELLS: PRODUCING \_\_\_\_\_  
NAME \_\_\_\_\_    INJECTION \_\_\_\_\_  
ADDRESS \_\_\_\_\_    INACTIVE 3  
ABANDONED 1

STATUS OF BOND     SINGLE WELL AMOUNT \$ \_\_\_\_\_     BLANKET BOND AMOUNT \$ 10,000 C.D.     ON FILE     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.)

PROPOSED CASING PROGRAM				APPROVED CASING TO BE FILLED BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
<u>20'</u>	<u>6 1/4</u>		<input checked="" type="checkbox"/>	<u>20'</u>	<u>6 1/4</u>		<input checked="" type="checkbox"/>
<u>450'</u>	<u>2 3/8 upset</u>		<input checked="" type="checkbox"/>	<u>450'</u>	<u>2 3/8</u>		<input checked="" type="checkbox"/>

**RECEIVED**  
**JUL 30 1990**  
MO Oil & Gas Council  
Economic Geology  
*to purchase to purchase*

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 7-27-90

PERMIT NUMBER **#20519**     DRILLER'S LOG REQUIRED     E-LOGS REQUIRED IF RUN  
 CORE ANALYSIS REQUIRED IF RUN     DRILL STEM TEST INFO. REQUIRED IF RUN

APPROVAL DATE 8/2/90     SAMPLES REQUIRED     SAMPLES NOT REQUIRED  
APPROVED BY Jane Holly Williams     WATER SAMPLES REQUIRED AT \_\_\_\_\_

**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 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 Shideley</i>	ADDRESS <i>Box 20 R2 Drexel Mo</i>		
LEASE NAME <i>Same</i>	WELL NUMBER <i>6-A</i>		
LOCATION <i>NE 1/4 SW 1/4</i>	SEC. TWP. AND RANGE OR BLOCK AND SURVEY <i>8 43N 33W</i>		
COUNTY <i>Cass</i>	PERMIT NUMBER (OGC-3 OR OGC-31) <i>20519</i>		
DATE SPUNDED <i>9-1-90</i>	DATE TOTAL DEPTH REACHED <i>9-4-90</i>	DATE COMPLETED READY TO PRODUCE OR INJECT	ELEVATION (DF, RKR, RT. OR Gr.) FEET <i>953.5</i>
TOTAL DEPTH <i>408</i>	PLUG BACK TOTAL DEPTH <i>369.5</i>		
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION <i>328.5-333.5+219-229</i>		ROTARY TOOLS USED (INTERVAL) <i>0 TO 408</i>	CABLE TOOLS USED (INTERVAL)
DRILLING FLUID USED	WAS THIS WELL DIRECTIONALLY DRILLED? <i>NO</i>		WAS DIRECTIONAL SURVEY MADE?
WAS COPY OF DIRECTIONAL SURVEY FILED?		DATE FILED	
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) <i>Damma Ray - Mentions</i>			DATE FILED <i>11-3-90</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>12'</i>	<i>5</i>	
<i>casing</i>	<i>5 1/8</i>	<i>2 7/8 upset</i>		<i>369.5</i>	<i>45</i>	

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
IN.	FEET	FEET	INCH	FEET	FEET		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" PML</i>	<i>328.5-333.5</i>	<i>250 gal 15%</i>	<i>several</i>
<i>2</i>	<i>"</i>	<i>219-229</i>	<i>500 gal 15%</i>	<i>same</i>

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION <i>Sept 13</i>		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)					
DATE OF TEST <i>Sept 13</i>	HOURS TESTED <i>8</i>	CHOKE SIZE <i>open</i>	OIL PRODUCED DURING TEST <i>0</i> bbls.	GAS PRODUCED DURING TEST <del>1600</del> <i>500</i> MCF	WATER PRODUCED DURING TEST <i>0</i> bbls.	OIL GRAVITY API (CORR.)	
TUBING PRESSURE	CASING PRESSURE <i>93 lb</i>	CAL'ED RATE OF PRODUCTION PER 24 HOURS		OIL bbls.	GAS <i>1600</i> MCF	WATER <i>0</i> bbls.	GAS OIL RATIO

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)  
*to be sold*

METHOD OF DISPOSAL OF MUD PIT CONTENTS  
*water evaporate, to fill pit later*

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE *owner* OF THE *Garm* 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 <i>11-3-90</i>	SIGNATURE <i>Dean Shideley</i>	MO Oil & Gas Council
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NOV 08 1990



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

FORM OGC-7

OWNER <i>Dean Shickley</i>		ADDRESS <i>1007 E St 1000</i>	
NAME OF LEASE <i>Shickley Farm</i>		WELL NUMBER <i>6-A</i>	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <i>20519</i>
LOCATION OF WELL <i>2343 FSL-2520 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>369</i>	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) _____ GAS (MCF/DAY) <i>6 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>Englevalle</i>	<i>none</i>	<i>3285-3335</i>	<i>15 lbs 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 3/8</i>	<i>369</i>	<i>none</i>	<i>369</i>	<i>none</i>	<i>none</i>

WAS WELL FILLED WITH MUD-LADEN FLUID?	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER
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**NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE**

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

**RECEIVED**  
DEC 23 1999  
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METHOD OF DISPOSAL OF MUD PIT CONTENTS	
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NOTE: FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)

**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.

SIGNATURE <i>Dean Shickley</i>	DATE <i>12-20-99</i>
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6A

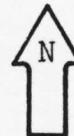
0-6	Clay	293-304	L.S.
6-33	Limestone	304-223	Shale
33-36	Black Shale	323-326	L.S. - Myrick Sta.
36-39	Shale	326-329	B.S. - gas
39-57	L.S.	329-332	Dark Shale - gas
57-59	Shale	332-335	Shale
59-62	B.S.	335-340	rotten L.S. F.S.
62-64	L.S.	340-357	L.S.
64-67	Shale	357-359	Shaley L.S.
67-72	L.S.	359-368	Shale & L.S. Stringer
72-75	Shale	368-370	L.S.
75-78	L.S.	370-374	Shale
78-90	Shale	374-376	B.S.
90-100	Shaley S.S. - little gas	376-380	Shale
100-212	Shale	380-384	Shaley L.S.
212-214	B.S. - gas	384-392	Shale
214-218	white Shale	392-394	B.S.
218-220	Shaley S.S.	394-398	Shale
220-230	Sandy L.S. - oil @ 227-30	398-406	Shaley S.S.
230-237	Shale	406-408	Shale TD
237-240	L.S.		
240-249	Shale		
249-250	L.S.		
250-273	Shale		
273-279	L.S.		
279-283	Shale		
283-293	L.S. & Shale streaks		

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MO Oil & Gas Council

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

WELL REFERENCE TIES  
 IN THE NE $\frac{1}{4}$ SW $\frac{1}{4}$  SEC 8,  
 T43N, R33W IN CASS  
 COUNTY, MISSOURI.



FOR DEAN SHIDELER  
 RR

DREXEL, MISSOURI 64742

N40°27'W  
 74.2'

12"  
 OAK

BEARING BASED ON  
 SOUTH LINE 8-43-33  
 ASSUMED WEST-EAST  
 SCALE; 1"=100'

N76°45'W  
 67.9'

28"  
 OAK

N17°50'E  
 118.4'

WEST 1200'±

12"  
 LOCUST

PROPOSED WELL

CC NAIL  
 IN EACH REFERENCE

S58°50'W  
 91.3'

14"  
 HEDGE  
 LEANING  
 EAST

CENTER LINE  
 ROUTE "D"

S05°18'53"E  
 613.05'

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#20519

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 LS-1539

EXISTING WELL  
 NUMBER 1A

LEGEND

TOWNSHIP 43N

18 17

SEE MAP

22.00 AC (B)  
24.65 AC (D)

B  
65.00 AC (D)  
62.60 AC (C)  
SCHOOL  
1.00 AC

5.00 AC

1.00 AC

297.1±  
← 120.1±

PROPOSED WELL  
QUARTER LINE

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MO Oil & Gas Council  
Economic Geology

1.00 AC

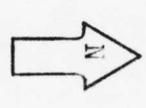
QUARTER LINE

SECTION LINE

17 16

WILLIAM C. LETHCO  
BATES COUNTY SURVEYOR  
COURTHOUSE  
BUTLER, MO. 64730

*William C. Lethco*



1:540.1±

WELL LOCATION  
MAP

CASS COUNTY TAX  
MAP 16-03

SECTION 8  
TOWNSHIP 43N  
RANGE 33W

SHEET 1 OF 2

Permit #: 20519

Date Issued: 8-2-90

County: Cass

Date Cancelled: \_\_\_\_\_

CONFIDENTIAL UNTIL: \_\_\_\_\_

Date Plugged: \_\_\_\_\_

OGC FORMS	Date Received
1	
2	
3	7-30-90
3i	
4	
4i	
5	11-8-90
6	
7	
8	
11	
12	
Misc. Form 2	

COMMENTS:

	TYPE	ID #	Date Received
Logs			
Samples	chip		
	core		
Analyses	water		
	core		
Additional Submitted Data:			