

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date 9 27 89 SE NE SE Sec 10 Twp 10 S, Rg 12 East
month day year XWest

OPERATOR: License # 5184
Name: Shields Oil Producers, Inc.
Address: Shields Bldg.
City/State/Zip: Russell, Kansas 67665
Contact Person: M. L. Ratts
Phone: 913-483-3141

1650 feet from South line of Section
330 feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5655
Name: Shields Drlg Co, Inc.

County: Osborne
Lease Name: Hirst Well #: 1
Field Name: Unknown (Wildcat?)

Well Drilled For: Well Class: Type Equipment:
X Oil ... Inj ... Infield ..X Mud Rotary
... Gas ... Storage ..X Pool Ext. ... Air Rotary
... OAWO ... Disposal ... Wildcat ... Cable
... Seismic; ... # of Holes

Is this a Prorated Field? yes ..X no
Target Formation(s): Miss. (?)

Nearest lease or unit boundary: 330
Ground Surface Elevation: 1730 feet MSL

Domestic well within 330 feet: ... yes ..X no
Municipal well within one mile: ... yes ..X no

Depth to bottom of fresh water: 180
Depth to bottom of usable water: 200-700'

Surface Pipe by Alternate: ... 1 ..X 2
Length of Surface Pipe Planned to be set: 200

Length of Conductor pipe required: None
Projected Total Depth: 3550

Formation at Total Depth: Miss. (?)
Water Source for Drilling Operations:

... well X farm pond ... other
DWR Permit #: _____

Will Cores Be Taken? ... yes ..X no
If yes, proposed zone: _____

If OAWO: old well information as follows:
Operator: _____
Well Name: _____
Comp. Date: _____ Old Total Depth _____

Directional, Deviated or Horizontal wellbore? ... yes X no
If yes, total depth location: _____

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

- It is agreed that the following minimum requirements will be met:
1. The appropriate district office shall be notified before setting surface pipe;
 2. The minimum amount of surface pipe as specified above shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
 3. If the well is dry, a plugging proposal shall be submitted to the district office. An agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
 4. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
 5. If an Alternate II completion, production pipe shall be cemented from below any usable water to surface within 120 days of spud date. In all cases, notify district office prior to any cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.
Date: 9-5-89 Signature of Operator or Agent: M. L. Ratts Title: Prod. Supt.

	5280
	4950
	4620
	4290
	3960
	3630
	3300
	2970
	2640
	2310
	1980
	1650
	1320
	990
	660
	330
5280	
4950	
4620	
4290	
3960	
3630	
3300	
2970	
2640	
2310	
1980	
1650	
1320	
990	
660	
330	

RECEIVED
STATE CORPORATION COMMISSION
SEP - 0 1989
CONSERVATION DIVISION
Wichita, Kansas

FOR KCC USE:
15- 141-20,247-00-00
Conductor pipe required NONE feet
Minimum surface pipe required 200' feet per Alt. X
Approved by: DPW 9-06-89
EFFECTIVE DATE: 9-11-89
This authorization expires: 3-06-90
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

REMEMBER TO:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.