

OWWO

For KCC Use:
Effective Date: 6-15-08
District # 3
SGA? Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form C-1
October 2007
Form must be Typed
Form must be Signed
All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Expected Spud Date: June 21, 2008
month day year

OPERATOR: License# 5721
Name: Glacier Petroleum, Inc.
Address 1: P.O. Box 577
Address 2:
City: Emporia State: KS Zip: 66801
Contact Person: J.C. Hawes
Phone: 620-342-1148

CONTRACTOR: License# 5721
Name: Glacier Petroleum, Inc.

Well Drilled For: Oil Gas Enh Rec Storage Disposal Seismic # of Holes Other
Well Class: Infield Pool Ext. Wildcat Other
Type Equipment: Mud Rotary Air Rotary Cable

If OWWO: old well information as follows:
Operator: Range Oil Company, Inc.
Well Name: Harvey-Hagan #1 (15-015-20,857)
Original Completion Date: 09/05/1976 Original Total Depth: 2450

Directional, Deviated or Horizontal wellbore? Yes No
If Yes, true vertical depth:
Bottom Hole Location:
KCC DKT #:

Spot Description:
C SW SE Sec. 22 Twp. 23 S. R. 4
660 feet from N / S Line of Section
1,980 feet from E / W Line of Section
Is SECTION: Regular Irregular?

County: Butler
Lease Name: Harvey-Hagan Well #: 1A
Field Name: Clifford
Is this a Prorated / Spaced Field? Yes No
Target Formation(s): Lansing
Nearest Lease or unit boundary line (in footage): 660
Ground Surface Elevation: 1420 feet MSL
Water well within one-quarter mile: Yes No
Public water supply well within one mile: Yes No
Depth to bottom of fresh water: 100 ft
Depth to bottom of usable water: 180 ft
Surface Pipe by Alternate: I II
Length of Surface Pipe Planned to be set: 200 ft 128'
Length of Conductor Pipe (if any): N/A
Projected Total Depth: 1893 ft
Formation at Total Depth: Lansing
Water Source for Drilling Operations: Well Farm Pond Other: Trucked
DWR Permit #:
Well Cores be taken? Yes No
If Yes, proposed zone:

Table I exception granted.

AFFIDAVIT

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JUN 02 2008

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.
It is agreed that the following minimum requirements will be met:

- 1. Notify the appropriate district office prior to spudding of well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set WICHITA, KS through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 5-30-08 Signature of Operator or Agent: Title: PRESIDENT

For KCC Use ONLY
API # 15 - 015-20857-00-01
Conductor pipe required None feet
Minimum surface pipe required 128 feet per ALT. I II
Approved by: 6-10-08
This authorization expires: 6-10-09
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 (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.
Well Not Drilled - Permit Expired Date:
Signature of Operator or Agent:

22 23 4
E W

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of acreage attributable to a well in a prorated or spaced field

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - 15-015-2085 7-00-01
 Operator: Glacier Petroleum, Inc.
 Lease: Harvey-Hagan
 Well Number: 1A
 Field: Clifford

Number of Acres attributable to well: _____
 QTR/QTR/QTR/QTR of acreage: C - SW - SE -

Location of Well: County: Butler
 _____ feet from N / S Line of Section
 _____ feet from E / W Line of Section
 Sec. 22 Twp. 23 S. R. 4 E W

Is Section: Regular or Irregular

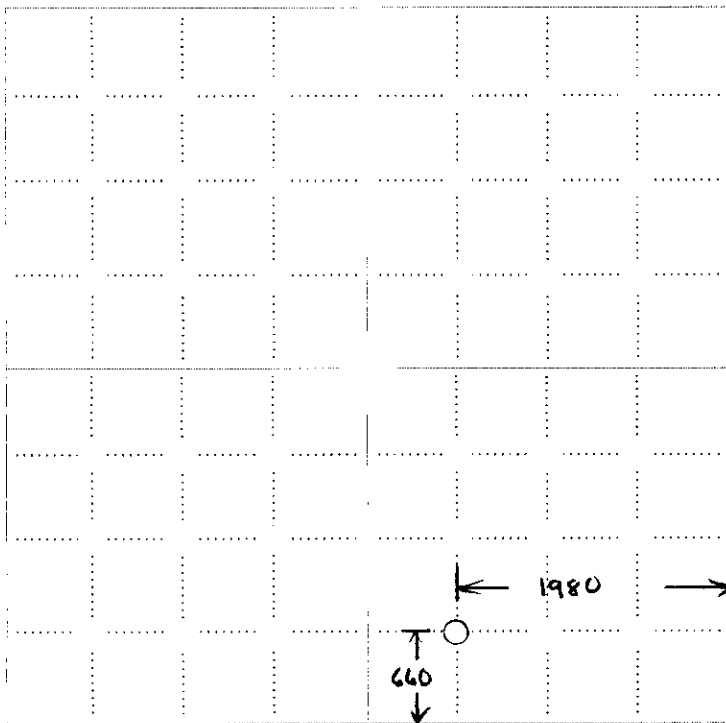
If Section is Irregular, locate well from nearest corner boundary.

Section corner used: NE NW SE SW

PLAT

(Show location of the well and shade acreage for prorated or spaced wells.)

(Show footage to the nearest lease or unit boundary line.)

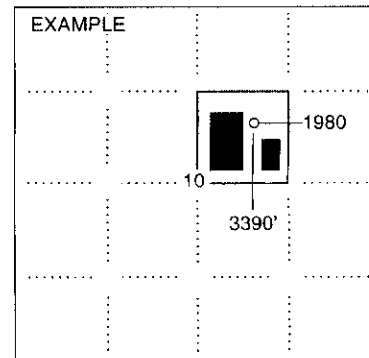


NOTE: In all cases locate the spot of the proposed drilling location.

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CONSERVATION DIVISION
 WICHITA, KS



SEWARD CO.


In plotting the proposed location of the well, you must show:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT**

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

Operator Name: Glacier Petroleum, Inc.		License Number: 5721
Operator Address: P.O. Box 577		Emporia KS 66801
Contact Person: J.C. Hawes		Phone Number: 620-342-1148
Lease Name & Well No.: Harvey-Hagan 1A		Pit Location (QQQQ): C SW SE
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 134 (bbls)	Sec. 22 Twp. 23 R. 4 <input checked="" type="checkbox"/> East <input type="checkbox"/> West 660 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 1,980 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Butler County
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	How is the pit lined if a plastic liner is not used? Native Mud
Pit dimensions (all but working pits): 25 Length (feet) 6 Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: 5 (feet) <input type="checkbox"/> No Pit		
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.
Distance to nearest water well within one-mile of pit 442 feet Depth of water well 45 feet		Depth to shallowest fresh water 30 feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> KDWR
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: Fresh Mud (Bentonite) Number of working pits to be utilized: 1 Abandonment procedure: Dry and Backfilled Drill pits must be closed within 365 days of spud date.
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.		RECEIVED KANSAS CORPORATION COMMISSION
5/30/2008 Date	 Signature of Applicant or Agent	JUN 02 2008 CONSERVATION DIVISION WICHITA, KS
KCC OFFICE USE ONLY		
Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS <input type="checkbox"/>		
Date Received: 6/2/08 Permit Number: _____	Permit Date: 6/2/08 Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

15015-2087-00-01

OF KANSAS
E CORPORATION COMMISSION
Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-015-20,857-00-00

LEASE NAME Harvey-Hagan

WELL NUMBER 1

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

 Ft. from S Section Line
 C SW SE/4
 Ft. from E Section Line

LEASE OPERATOR Range Oil Co., Inc.

SEC. 22 TWP. 23 RGE. 4 (E) or ~~W~~

ADDRESS 1120 KSB&T Bldg. 125 N. Market, Wichita, Ks.

COUNTY Butler

PHONE#(316) 265-6231 OPERATORS LICENSE NO. 5120

Date Well Completed 9-5-76

Character of Well oil

Plugging Commenced 6-10-88

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Plugging Completed 6-15-88

The plugging proposal was approved on 6-9-88 (date)

by Don Thompson (KCC District Agent's Name).

Is ACO-1 filed? yes If not, is well log attached?

Producing Formation Lansing Depth to Top 1820 Bottom T.D. 2450

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
		0	128	8 5/8		0
		0	1893	5 1/2		995 ft.

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.
Fill with Gravel to 1775 & dump 6 sxs. cement.

Pump top with 3 hulls, 10 gel, & 100 sxs. 60/40 pozmix cement W/ 2% gel.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Nicholas Casing Pulling License No. 6698

Address P.O. Box, 108, Geneseo, Kansas 67444

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Range Oil Co., Inc.

STATE OF Kansas COUNTY OF Rice, ss.

(Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

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STATE CORPORATION COMMISSION

(Signature) Allen Decker Holman

(Address) Box 108 - Geneseo, Ks 67444

SUBSCRIBED AND SWORN TO before me this 20th day of June, 1988

CONSERVATION DIVISION
Wichita, Kansas

Steven K. Prickett

My Commission Expires:



STEVEN K. PRICKETT
State of Kansas
My Appt. Exp. Aug. 29, 1990

Notary Public



*Kathleen Sebelius, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner*

June 10, 2008

Glacier Petroleum, Inc.
P.O. Box 577
Emporia, KS 66801

RE: Exception to Table 1 Surface Casing Requirements for the Harvey-Hagan 1A, 660' FSL, 1980' FEL, Sec. 22-T23S-R4E, Butler County, Kansas.

Dear Mr. Hawes:

The Kansas Corporation Commission (KCC) has received your request, dated June 4, 2008, for an exception to Table 1 surface pipe requirements for the above-referenced well, which was originally drilled and plugged as the Harvey-Hagan 1 in 1976 by Range Oil Company, Inc. From your request, the KCC understands that Glacier Petroleum, Inc. desires to re-enter this well, which has 128' of surface pipe set. The Table 1 minimum surface pipe requirement for wells drilled in Butler County is 200'. The surface pipe set in this previously plugged well does not meet the present surface pipe setting depth requirements.

After review of this matter by technical staff it was determined that:

1. Bedrock at this location is the Permian Chase Group at or near surface.
2. A review of water well records indicated that deepest water well within approximately one mile of the Harvey-Hagan 1A is 125 feet deep.

Based on this information, an exception is granted for the Table 1 Minimum Surface Casing Requirements with the following stipulation:

1. If the well is completed, the production or long string casing nearest the formation wall shall be cemented in from a depth of at least 200 feet back to surface within 120 days of the spud date. Notify the KCC District 2 office prior to completing this additional cementing.
2. In the event the well is dry and no additional production pipe has been cemented in-place, plugging will be performed according to KCC rules per KCC District #2 requirements.

Sincerely,

Doug Louis
Director

cc: Steve Bond ^{SB}
Jeff Klock - Dist #2 [✓] via e-mail

GLACIER PETROLEUM, INC.

June 3, 2008

Rick Hestermann
Kansas Corporation Commission
Conservation Division
130 South Market – Room 2078
Wichita, Kansas 67202

Re: Minimum Surface Pipe Requirement
Hagan-Harvey #1A OWWO
Drilling Permit
Sec 22–Twp 23S–Rng 4E
Butler Co., Kansas

Glacier Petroleum requests an exception to Table 1, Surface Pipe Requirements, Alternate 1 Completion. The Alternate 1 completion requirements for this area has been increased are is now 200 ft of surface in all areas of Butler County. The above referenced well is an OWWO with 128 ft of 8 5/8” surface casing cemented to the surface. Glacier Petroleum would like to complete the well under Alternate 2 requirements. Glacier Petroleum will circulate cement from a minimum of 200 ft. to surface once the well is deemed productive or 120 days after completion.

Sincerely,



J.C. Hawes

C: Dean Seeder
Jerry Donnelly

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KANSAS CORPORATION COMMISSION

JUN 04 2008

CONSERVATION DIVISION
WICHITA, KS

P.O. BOX 577 EMPORIA, KANSAS 66801

Phone Emporia 620.342.1148
Fax Emporia 620.342.9561