

FORM MUST BE TYPED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5721

Name: Glacier Petroleum, Inc.

Address P.O. Box 577

City/State/Zip Emporia, KS 66801

Purchaser: NCRA

Operator Contact Person: J. C. Hawes

Phone (316) 342-1148

Contractor: Name: McPherson Drilling

License: 5495

Wellsite Geologist: W. C. Bradley

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

Spud Date 6-25-93 Date Reached TD 6-30-93 Completion Date 8-13-93

API NO. 15- 169-20310 - 0000

County Saline

SW - NE - SW Sec. 20 Twp. 16 Rge. 1 X E

1650 Feet from S (circle one) Line of Section

3630 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Hunter Well # 6

Field Name Hunter

Producing Formation Douglas

Elevation: Ground 1343 KB 1343

Total Depth 1930 PBTB 1930

Amount of Surface Pipe Set and Cemented at 204 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to N/A sx cmt.

Drilling Fluid Management Plan ALT 1 10-20-93
(Data must be collected from the Reserve Pit)

Chloride content Fresh ppm Fluid volume 430 bbls

Dewatering method used Pumped Out

Location of fluid disposal if hauled offsite:

Operator Name N/A

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title V.P. Date 8-23-93

Subscribed and sworn to before me this 23 day of August, 19 93.

Notary Public Jolene D. Ek

Date Commission Expires 11-4-96

K.C.C. OFFICE USE ONLY			
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached	
C	<input checked="" type="checkbox"/>	Wireline Log Received	
C	<input type="checkbox"/>	Geologist Report Received	
Distribution			
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

RECEIVED
STATE CORPORATION COMMISSION
AUG 24 1993
CONSERVATION DIVISION
Wichita, Kansas

STATE NOTARY PUBLIC
JOLENE D. EK
State of Kansas
My Appt. Exp. 11-4-96

Form ACO-1 (7-91)

PI

Operator Name Glacier Petroleum, Inc. Lease Name Hunter Well # 6
 Sec. 20 Twp. 16 Rge. 1 East West
 County Saline

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	1698	- 350
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	1842	- 494
List All E.Logs Run: GR/N		Toronto	1858	- 510
		Douglas	1875	- 527

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	10-3/4	7	22	204	COM	68(67)	3% CC
Production	6-1/4	4-1/2	10.5	1911	COM	100 ✓	5% Gilson
							10% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: N/A	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
Perforate					
Protect Casing					
Plug Back TD					
Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	1867 to 1869	Frac - 800#	1867-1869

TUBING RECORD	Size 2-3/8	Set At 1871	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 8-20-93	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 5 Bbls.	Gas 0 Mcf	Water 120 Bbls.	Gas-Oil Ratio Gravity 36

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used Lease Open Hole Perf. Dually Comp. Commingled 1867-1869

(If vented, submit ACO) Other (Specify) _____

RECEIVED
 STATE CORPORATION COMMISSION
 AUG 24 1993
 CONSERVATION DIVISION
 Wichita, Kansas

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

5924

New

Date	7-1-93	Sec.	20	Twp.	16	Range	1	Called Out	6 ⁰⁰ AM	On Location	9 ⁰⁰ AM	Job Start	3 ⁰⁰ PM	Finish	4 ⁰⁰ PM
Lease	Hunter	Well No.	# 6	Location				Roxbury 6N 2W 14E 5/3	County		Salt	State		KS	

Contractor		McPherson Drilling Co.	
Type Job		Long String Pipe 26	
Hole Size	18	T.D.	1930
Csg.	4 1/2	Depth	1911
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	0	Shoe Joint	
Press Max.	500	Minimum	100
Meas Line	1911	Displace	30.9 bbl
Perf.			

Owner		To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	GLACIER PIT Co.		
Street			
City	State		
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.			
X	<i>[Signature]</i>		
CEMENT			

EQUIPMENT		
Pumptrk	No. 120	Cementor: Mike Duran
Pumptrk	No.	Helper:
Bulktrk	261	Driver: Steve
Bulktrk		Driver:

Amount Ordered	100 lb Com 10 1/2 salt 52 Milwaukee
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	

DEPTH of Job		1911
Reference:	Pump P. track Charge	
	Milage Charge	
	4 1/2 Rubber Plug	
	Sub Total	
	Tax	
	Total	

Handling	
Mileage	
Sub Total	
Total	
Floating Equipment	

Remarks: *float did 16/6*

Thank

Allied Cementing Co.

RECEIVED
 STATE CORPORATION COMMISSION

SEP 09 1993

CONSERVATION DIVISION
 Wichita, Kansas

SERVICE TICKET

UNITED CEMENTING & ACID CO., INC.

Nº 4133

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 6-25-93 COUNTY W. Texas

CHG. TO: Green Pt ADDRESS _____

CITY _____ STATE _____ ZIP _____

LEASE & WELL NO. Hunter 6 SEC. _____ TWP. _____ RNG. _____

CONTRACTOR W. P. Rogers TIME ON LOCATION 4:00 PM

KIND OF JOB Count - surface pipe

SERVICE CHARGE: 1 Cement Unit 325.00

QUANTITY	MATERIAL USED	TYPE		
67	Saf	Class-M Cement	@	4.95
2	Saf	Chloride	@	21.00
100	lbs	Hulls	@	12.95
70	BULK CHARGE	Saf	@	.80
80	BULK TRK. MILES	(3.50 tons x 60 x 80)		
	PUMP TRK. MILES			
1-7"	PLUGS	top wooden plug	@	
	SALES TAX			
	TOTAL			

T. D. 207 CSG. SET AT 204 VOLUME _____

SIZE HOLE 7 1/2 TBG. SET AT _____ VOLUME _____

MAX. PRESS. _____ SIZE PIPE 7"

PLUG DEPTH 190 PKER DEPTH _____

PLUG USED Wooden Rubber Cap TIME FINISHED 5:10 PM

REMARKS: Count Cir 67 Saf Cement 3 1/2 CC 100 lbs Hulls

James Robert

NAME _____ UNIT NO. _____ NAME Chat UNIT NO. _____

CEMENTER OR TREATER _____ OWNER'S REP. _____

RECEIVED STATE CORPORATION COMMISSION SEP 09 1993 CONSERVATION DIVISION Wichita, Kansas