

DESCRIPTION OF WELL AND LEASE

ORIGINAL

County Graham Sec. 21 Twp. 8 Rng. 25 9

License # 5669
 Name: Helberg Oil Company

Address Box 32
 City/State/Zip Morland, KS 67650

Operator Contact Person: Jerry M. Helberg
 Phone (913) 627-5665

Contractor: Name: Helberg Oil Company
 License: 5669

Wellsite Geologist: Jerry M. Helberg

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/Re-Entry: old well info as follows:

Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____
 Deepening _____ Re-perf. _____ Conv. to Inj/SWD
 Plug Back _____ PSTB _____
 Cemented _____ Docket No. _____
 Bual Completion _____ Docket No. _____
 Other (SWD or Inj?) Docket No. _____
 10-13-92 10-22-92 10-22-92
 Spud Date Date Reached TD Completion Date

660 Feet from 1/4 (circle one) Line of Section
 3300 Feet from 1/4 (circle one) Line of Section

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

Lease Name Babcock Well # 1
 Field Name Schmied

Producing Formation LKC

Elevation: Ground 2294 KB 2299

Total Depth 3860 PSTB _____

Amount of Surface Pipe Set and Cemented at 200 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cnt.

Drilling Fluid Management Plan ADT - 12/11/92
 (Data must be collected from the Reserve Pit) ADT

Chloride content 3200 ppm Fluid volume 2000 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

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-11 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 Jerry Helberg
 Title Operator Date 12-4-1992

Subscribed and sworn to before me this 4th day of December, 19 92.

Notary Public Donna Brungardt

Date Commission Expires 6-21-94

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 G Wireline Log Received
 C Geologist Report Received

Distribution
 KCC SWD/Rep NSPA
 KGS Plug YATE Brother

DEC 7 1992

NOTARY PUBLIC - State of Kansas
 DONNA BRUNGARDT
 My Appt. Exp. 6-21-94

Form ACO-1 (7-91)

REC'D 12/7/92

15-065-22682-00100 ORIGINAL

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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:

Log	Formation (Top), Depth and Datum	Sample
	Name Top Datum	
	Anhydrite 2059 +240	
	Heebner 3584 -1285	
	Toronto 3608 -1309	
	LKC 3623 -1324	

CASING RECORD <input type="checkbox"/> New <input 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	12 1/2"	8 5/8"		200	Common	135	60/40 Poz 3% CC 2% Gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plug Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packers At	Liner Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, GPD or in.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil	Sbls.	Gas	Mcf	Water	Sbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: DEC 1992

12/7/92

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; sand intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand and Shale Sand and Shale Sand and Shale Shale Shale Shale Shale Shale Shale Anhydrite Shale Shale Shale and Lime Shale and Lime Shale Shale and Lime Shale and Lime Shale and Lime Lime and Shale Lime and Shale Shale and Lime Shale and Lime Shale and Lime Shale and Lime T.D.	ORIGINAL			
	0	129		
	129	210		
	210	345		
	345	720		
	720	1250		
	1250	1462		
	1462	1685		
	1685	2059		
	2059	2093	Anhydrite	2059
	2093	2146	(+240)	
	2146	2330		
	2330	2495		
	2495	2693		
	2693	2835		
	2935	3010		
	3010	3117		
	3117	3214		
	3214	3345		
	3345	3446		
3446	3560			
3560	3660	Heebner	3584	
3660	3721	(-1285)		
3721	3770	Toronto	3608	
3770	3811	(-1309)		
3811	3860	LKC	3623	
3860		(-1324)		

D&A

Drill Stem Test #1

Interval 3650-3770
 Received 1315' of M.W. Trace of oil
 I.F.P. 432
 F.F.P. 740
 S.I.F.P. -
 S.F.F.P. -

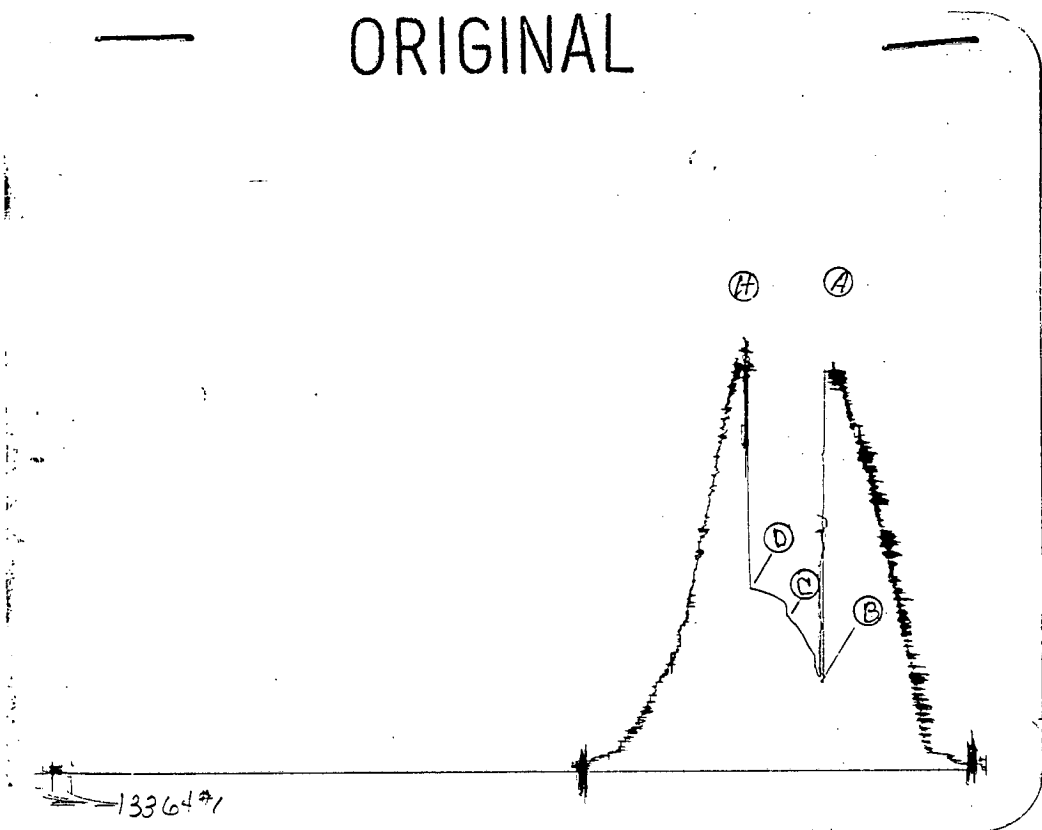
Drill Stem Test #2

Interval 3780-3860
 Received 20' Mud
 I.F.P. 74
 F.F.P. 74
 S.I.F.P. 74
 S.F.F.P. 74

12/7/82
 RECEIVED
 OIL AND GAS COMMISSION
 DEC 7 1992
 Kansas

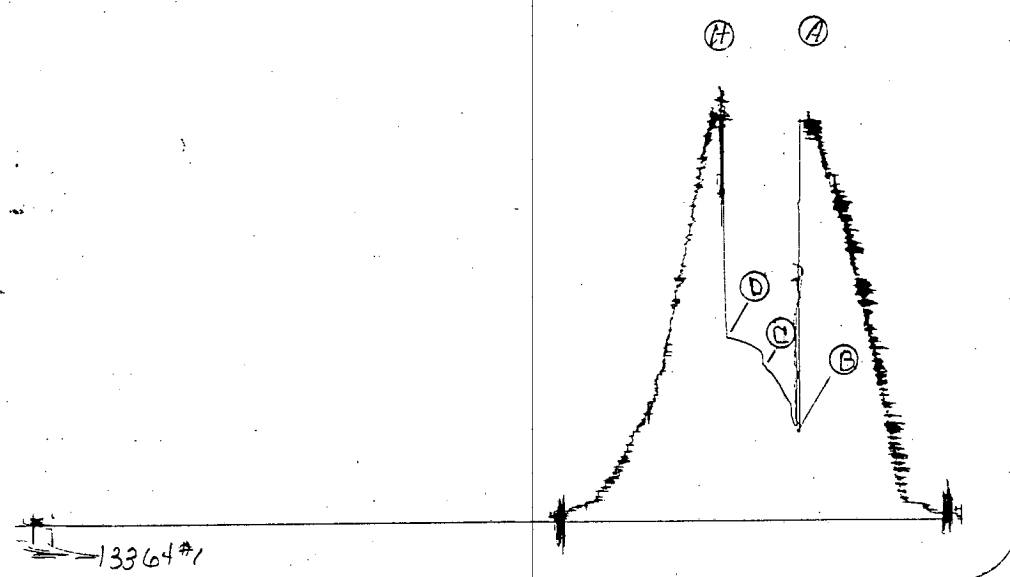
IS-065-22682-08-08

ORIGINAL



POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1669		PSI
(B) First Initial Flow Pressure	432		PSI
(C) First Final Flow Pressure	740		PSI
(D) Initial Closed-in Pressure	894		PSI
(E) Second Initial Flow Pressure	-		PSI
(F) Second Final Flow Pressure	-		PSI
(G) Final Closed-in Pressure	-		PSI
(H) Final Hydrostatic Mud	1959		PSI

ORIGINAL



POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A)	Initial Hydrostatic Mud	1669	PSI
(B)	First Initial Flow Pressure	432	PSI
(C)	First Final Flow Pressure	740	PSI
(D)	Initial Closed-in Pressure	894	PSI
(E)	Second Initial Flow Pressure	-	PSI
(F)	Second Final Flow Pressure	-	PSI
(G)	Final Closed-in Pressure	-	PSI
(H)	Final Hydrostatic Mud	1959	PSI

15-065-22682-00-04

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

ORIGINAL

DRILL-STEM TEST DATA

Company <u>Helberg Oil Co.</u>	Test No. <u>2</u>
Well Name & Number <u>Babcock #1</u>	Zone Tested <u>Kansas City</u>
Company Address <u>Box 32, Morland, Kan.</u>	Date <u>10-22-92</u>
Company Rep. <u>Jerry Helberg</u>	Tester <u>Huck Smith</u>
Contractor <u>Co. Tools</u>	Elevation <u>2300 Est.</u>
Location: Sec. <u>21</u> Twp. <u>8S</u> Rge. <u>25W</u> CoGRaham State <u>Kan.</u>	Est. Feet of Pay _____

Recorder No. 13364 Type AK-1 Range 3825 PSI

Recorder Depth 3825 Clock # 31206

(A) Initial Hydrostatic Mud 2027 PSI

(B) First Initial Flow Pressure 74 PSI

(C) First Final Flow Pressure 74 PSI

(D) Initial Shut-in Pressure 116 PSI

(E) Second Initial Flow Pressure 74 PSI

(F) Second Final Flow Pressure 74 PSI

(G) Final Shut-in Pressure 84 PSI

(H) Final Hydrostatic Mud 2016 PSI

Temperature 109°

Mud Weight 9.7 Viscosity 38

Fluid Loss 8.8 c.c.

Interval Tested 3780-3860

Anchor Length 80'

Top Packer Depth 3775

Bottom Packer Depth 3780

Total Depth 3860

Drill Pipe Size 4½ F.H.

Wt. Pipe I. D. 2.7 Ft. Run 300

Recovery-Total Feet 20

Recovered 20 Feet Of Mud

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment _____ Price of Job _____

Recorder No. 13770 Type AK-1 Range 4200 PSI

Recorder Depth 3855 Clock # 25559

Tool Open Before I.S.I. 45 Mins.

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

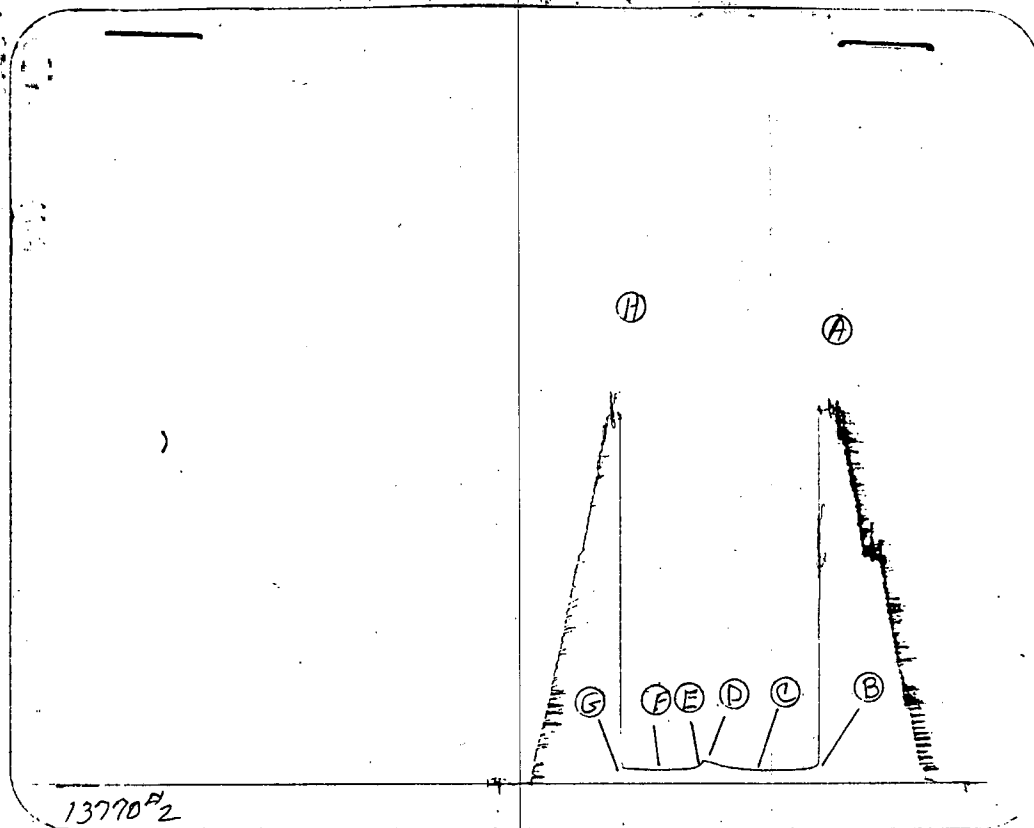
Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 10:20 A.M.

Blow Remarks 1st open; Weak blow died in 25 minutes.

2nd open; No blow



POINT	PRESSURE		PSI
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2027		PSI
(B) First Initial Flow Pressure	74		PSI
(C) First Final Flow Pressure	74		PSI
(D) Initial Closed-in Pressure	116		PSI
(E) Second Initial Flow Pressure	74		PSI
(F) Second Final Flow Pressure	74		PSI
(G) Final Closed-in Pressure	84		PSI
(H) Final Hydrostatic Mud	2016		PSI

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

RECEIVED
STATE CORPORATION COMMISSION
DEC 7 1992

Helburg Oil Company

INVOICE NO. 62703

P. O. Box 32

PURCHASE ORDER NO.

Moreland, KS 67650-0032

LEASE NAME Babcock #1

DATE Oct. 13, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 81 sks @\$5.25	\$425.25	
Pozmix 54 sks @\$2.25	121.50	
Chloride 4 sks @\$21.00	<u>84.00</u>	\$ 630.75
Handling 135 sks @\$1.00	135.00	
Mileage (51) @\$.04¢ per sk per mi	264.60	
Surface	380.00	
Mi @\$2.00 pmp trk chg (49)	98.00	
1 plug	<u>42.00</u>	<u>919.60</u>
	Total	\$1,550.35

Cement circulated

Thank you!

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

ORIGINAL

15-015-22882-002

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

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

ORIGINAL
 15-065-22692-0000
ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31
 Russell, Kansas 67665

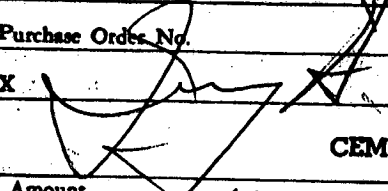
5256

new

Date	10-13-92	Sec.	17	Twp.	8	Range	25	Called Out		On Location	3:30 PM	Job Start		Finish	7:30 PM	
Case	Babcock	Well No.	1	Location	Moreland 2W				County	Graham	State	Kan				
Contractor	Helburg Drlg Co #1															
Type Job	Surface															
Drill Pipe	12 1/4		T.D.		210'											
Drill Pipe	8 5/8		Depth		200'											
Drill Pipe			Depth													
Drill Pipe			Depth													
Cement Left in Csg.	15'		Shoe Joint													
Pressure Max.			Minimum													
Casing Line			Displace		✓											

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
 Helburg Oil Co.
 PO Box 32
 Moreland KS 67650-0032
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X 
CEMENT

EQUIPMENT

Pumptruck	No.	Cementor	Walt D.
	191	Helper	
Pumptruck	No.	Cementor	Joe
	212	Helper	
Pumptruck		Driver	
Pumptruck		Driver	

Amount Ordered	135 60/40 poz, 3% CC-2% kel		
Consisting of	425.25		
Common	81	520	425.25
Poz. Mix	54	250	135.00
Gel.	3	675	176.25
Chloride	4	2100	84.00
Quickset			

DEPTH of Job		
Reference:	Pumptruck	380.00
	8 5/8 Plus	42.00
	2.00 per mile 49	98.00
	Sub Total	520.00
	Tax	
	Total	

Handling	1.00 per sk		135.00
Mileage	4¢ per sk/mile	51m	264.60
			1030.35
		Sub Total	1030.35
		Total	

Remarks:
 Cement Dred Circ

Floating Equipment

RECEIVED
 STATE COMMISSION

Thal Lee DEC 7 1992

VISION
 88888

