

ORIGINAL

SIDE ONE

CONFIDENTIAL

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

Operator: License # 04511Name: William H. DavisAddress 2800 Mid-Continent TowerCity/State/Zip Tulsa, OK 74103Purchaser: None as yetOperator Contact Person: Wayne TaylorPhone (918) 587-7782Contractor: Name: Murfin DrillingLicense: 30606Wellsite Geologist: Martin Granica

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:

RELEASED

Operator: ACU

JAN 29 1999

DEC 3

Comp. Date

Old Date

FROM CONFIDENTIAL

CONFIDENTIAL

Deepening ☐ Re-perf. ☐ Conv. to Inj/SWDPlug Back ☐ PBTBCommingled ☐ Docket No. Dual Completion ☐ Docket No. Other (SWD or Inj?) Docket No. 10-14-9711-04-9711-05-97

Spud Date

Date Reached TD

Completion Date

API NO. 15- 075-206640000County HamiltonC NE/4 Sec. 14 Twp. 21 Rge. 43 X E1143 Feet from S (circle one) Line of Section1483 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)Lease Name Barrett Well # 1B-14Field Name None DesignatedProducing Formation GloriettaElevation: Ground 3810.8 KB 3821.1Total Depth 5250 PBTB 2310Amount of Surface Pipe Set and Cemented at 1401 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan ALT 1 JK 2-26-98
(Data must be collected from the Reserve Pit)Chloride content 7000 ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name 12-31-97Lease Name License No. Quarter Sec. NE 1/4 1997 S Rng. E/WCounty Docket No. Cons. Comm. Division
1998

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 Title Agent for William H. Davis Date 12-30-97Subscribed and sworn to before me this 30th day of December, 19 97.Notary Public Date Commission Expires

NOTARY PUBLIC, State of Kansas
Seward County
HELEN M. SMITH
My Appt. Exp. 3-5-2001

K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
(Specify)

SIDE TWO

Operator Name William H. Davis Lease Name Barrett Well # 1B-14
 Sec. 14 Twp. 21 Rge. 43 ☐ East ☒ West
 County Hamilton

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:

Array Induction Micro-Resistivity GL
 Compensated Neutron Litho-Density CL
 BHC Sonic Gamma Ray
 Microlog Gamma Ray

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Glorietta	1712	
Chase	2796	
Neva	3178	
Penn Sand	3503	
Heebner	4018	
Base Heebner	4024	
Cherokee	4700	
Morrow	5076	
Mississippian	5184	

CASING RECORD

☒ New ☐ 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	17-1/2	13-3/8	54.5	1401	Lite	1000	3% cc, 1/4# Flocele
					Class C	150	3% cc, 2% gel
Production	12-1/4	8-5/8	24	2400	Thixotropic	500	4% gel, 1/4# flocele, 10% calceal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				2% cc
☐ 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	2254-2256		
	2231-2232		
	2223-2225		
	2200-2204		
	2187-2190		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	2082	2082	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj.	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Waiting on pipeline				
Estimated Production Per 24 Hours	Oil Bbls.	Gas N2 Mcf	Water Bbls.	Gas-Oil Ratio
	0	2017	Trace	96668

Disposition of Gas:

METHOD OF COMPLETION

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

Production Interval
 2200'-2256'
 2187'-2190'

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

~~CONFIDENTIAL~~ SERVICE POINT:

CONFIDENTIAL *Oakley*

DATE 10-18-97	SEC. 14	TWP. 21	RANGE 43	CALLED OUT	ON LOCATION 12:45 PM	JOB START	JOB FINISH 8:05 PM
BARRETT LEASE	WELL # 1B-14		LOCATION Tribune 14W-12S-1E-25-1/2E			COUNTY Hamilton	STATE Kan.
OLD OR NEW (Circle one)							

CONTRACTOR		OWNER	
MurFin Drilling Co #24		Same	
TYPE OF JOB Conductor String Surface		CEMENT	
HOLE SIZE 17 1/2	T.D. 1408'	AMOUNT ORDERED 150 sks COM, 3% CC, 2% Vol	
CASING SIZE 13 3/8	DEPTH 1402'	1000 sks Lite, 3% CC, 1/4 lbs Flo-Sec 1	
TUBING SIZE	DEPTH		
DRILL PIPE	DEPTH		
TOOL	DEPTH		
PRES. MAX 1000 PSI	MINIMUM	COMMON 150 sks	@ 7.55 1,132.50
MEAS. LINE	SHOE JOINT 45.54	POZMIX	@
CEMENT LEFT IN CSG. 45.54		GEL	@
PERFS.		CHLORIDE 37 sks	@ 28.00 1,036.00
DISPLACEMENT 112 BRZ		Lite 1000 sks	@ 9.05 9,050.00
EQUIPMENT		Flo-Sec 1 250#	@ 1.15 287.50
PUMP TRUCK CEMENTER Walt			@
# 300 HELPER Wayne			@
BULK TRUCK		RELEASE HANDLING 1,150 - sks	@ 1.05 1,207.50
# 347, 280 DRIVER Lonnie, Jeff		MILEAGE 48 per sk/mile	4,416.00
BULK TRUCK		JAN 29 1999	
# 303 DRIVER Andrew		CONFIDENTIAL	TOTAL 17,129.50

~~FROM CONFIDENTIAL~~

DEC 3 1

REMARKS:

SERVICE

CONFIDENTIAL

Mixed 1000 SKs LITE, 2 13 1/4 PDG	DEPTH OF JOB	1402'
Tail in W 150 SKs com, 3 1/2 CC 2 15 1/2 PDG	PUMP TRUCK CHARGE	1,080.00
Displaced 112 BBL water,	EXTRA FOOTAGE	@ 273.60
Load Plus 2,1000 PSI, Hdd	MILEAGE	96 - miles @ 2.80
Float 11 gph	PLUG	13 3/8 Rubber @ 210.00
(Pump Pressure while mixing - 350 PSI.)		@
Concrete Dig Cirk		@

RECEIVED
STATE ELECTIONS COMMISSION

TOTAL 1,563⁶⁰

CHARGE TO: William H. Davis

DEC 31 1997

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT-EQUIPMENT

13 3/8

1 - Guide shop	@	338 ⁰⁰
1 - AFU insert	@	592 ⁰⁰
2 - Baskets	@ 277 ⁰⁰	554 ⁰⁰
4 - Centralizers	@ 75 ⁰⁰	380 ⁰⁰
	@	

TOTAL 1,864⁰⁰

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE 20,557¹⁰

DISCOUNT - 3,083⁵⁶ IF PAID IN 30 DAYS

Total = 17,423 54

SIGNATURE Phillip L. Hills

PHILLIP L. HILLS

PRINTED NAME

JOB SUMMARY 4239-1

15.075.20664.0000

REGION North America	NW/COUNTRY USA	BDA STATE CA	COUNTY Hempden
MBU ID / EMP # LT107 F4550	EMPLOYEE NAME TYCE DAVIS	PSL DEPARTMENT CMT	
LOCATION Liberal	COMPANY William H. Davis	CUSTOMER REP / PHONE Phil Hillis	
TICKET AMOUNT	WELL TYPE O2	API / UWI #	
WELL LOCATION Land	DEPARTMENT CMT	JOB PURPOSE CODE O15	CONFIDENTIAL
LEASE / WELL # Barret 1-B	SEC / TWP / RNG 14-21-43		

~~CONFIDENTIAL~~

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
T. Poyer 48120							
B. McIntyre 42308				ORIGINAL		RELEASED	
D. Hamilton G3090							
L. R. Herson 48760						JAN 22 1999	

ORIGINAL

RELEASED

~~IAN 2 9 1990~~

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
52823-75274	282						
420042 P.O.	"						
52276-6612	218						
50866-75232	"						

FROM CONFIDENTIAL

Form Name _____ Type: _____
Form Thickness _____ From _____ To _____
Packer Type _____ Set At _____
Bottom Hole Temp. _____ Pressure _____
Misc. Data _____ Total Depth _____

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	10-22-97	10-23-97	10-23-97	11-23-97
TIME	2200	0215	0750	0830

TOOLS AND ACCESSORIES			
TYPE AND SIZE		QTY	MAKE
Float Collar	1/2" x 3/4" x 1/2"	1	H
Float Shoe	1/2" x 3/4" x 1/2"	1	
Guide Shoe	1/2" x 3/4" x 1/2"	1	D
Centralizers	1/2" x 3/4" x 1/2"	5	
Bottom Plug			W
Top Plug	1/2" x 3/4" x 1/2"	1	
Head	1/2" x 3/4" x 1/2"	1	C
Packer	1/2" x 3/4" x 1/2"	2	
Other	1/2" x 3/4" x 1/2"	1	D

WELL DATA						
	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	32 x 2.21	R 5.5	1.12	246.1	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS		
Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent		Gal/Lb
Perpac Balls		Qty.
Other		
Other		
Other		
Other		

[illegible]

ORDERED	HYDRAULIC HORSEPOWER	
	Avall.	Used
TREATED	AVERAGE RATES IN BPM	
	Disp.	Overall
FEET 43	CEMENT LEFT IN PIPE	
	Reason	55

CEMENT DATA							
STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES		YIELD	LBS/GAL
1	500	PPM	B	10% CO 1500	10% G.I.S. 4% G.F.L.G. 2% G.S.Y.	147	13.7
				CO. 4% NON DIVISIO.			
				1.505			

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: (BBI) Gal 475
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal (BBI) 166.5	
		Total Volume Gal - BBI _____	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE

ALLIED CEMENTING CO., INC.

8568

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

ORIGINAL

SERVICE POINT:

Oakley

DATE <u>11-4-97</u>	SEC <u>14</u>	TWP. <u>21</u>	RANGE <u>43</u>	CALLED OUT	ON LOCATION <u>11:45 PM</u>	JOB START <u>3:30 AM</u>	JOB FINISH <u>8:00 AM</u>
LEASE <u>Bartlett</u>	WELL <u>1B-14</u>	LOCATION <u>Tribune 15W 14S 1E 25 1/2 F 1/2 S</u>			COUNTY <u>Hamilton</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Murphy Drilling Rig 24
 TYPE OF JOB Plug Back
 HOLE SIZE _____ T.D. _____
 CASING SIZE 8 5/8 DEPTH 2400'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH 2450'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Dean & May
 # 191 HELPER Jeff
 BULK TRUCK _____
 # 315 DRIVER Andrew
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER Same
 CEMENT
 AMOUNT ORDERED 75 sks cl A 39 cc
29 Gps

COMMON 75 sks @ \$7.55 \$566.25
 POZMIX _____ @ _____
 GEL 2 sks @ \$9.50 \$19.00
 CHLORIDE 3 sks @ \$28.00 \$84.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING @ \$1.05 \$78.75
 MILEAGE 44 Per sk/miles \$288.00

RELEASED

JAN 29 1999

TOTAL \$1036.00

REMARKS:

FROM CONFIDENTIAL

SERVICE

Spotted 50 sks between
2300' and 2450'
10 sks in Mouse Hole
15 sks in Rat Hole
Thank you

DEPTH OF JOB 2450'
 PUMP TRUCK CHARGE \$580.00
 EXTRA FOOTAGE @ _____
 MILEAGE 96 @ \$2.85 \$273.60
 PLUG @ _____
 _____ @ _____
 _____ @ _____

TOTAL \$853.60

CHARGE TO: William H. Davis
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL \$1889.60

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE \$1889.60
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Phillip L. Hills

Phillip L. Hills
 PRINTED NAME