

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

API NO. 15- 097-21374-00-00
County Kiowa
70' W of E/2 SE NW 23 Sec. 23 Twp. 29S Rge. 18 X W
1980 Feet from S (N) (circle one) Line of Section
2240 Feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, (NW) or SW (circle one)
Lease Name Schmidt Trust Well # 1-23
Field Name Nichols NE
* Temp Abandoned
Producing Formation Mississippian; Lansing / KC 'A'
Elevation: Ground 2165' KB 2174'
Total Depth LTD = 4949', RTD = 4950' PBDT 4297' w/ CIBP
Amount of Surface Pipe Set and Cemented at 520' @ 531 Feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan ALT 1 294 4-9-96
(Data must be collected from the Reserve Pit)

Operator: License # 4243
Name: Cross Bar Petroleum, Inc.
Address Centre City Plaza
151 N. Main, Suite 630
City/State/Zip Wichita, KS 67202-1407
Purchaser: N/A
Operator Contact Person: C. K. Morrison
Phone (316) 265-2279
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Thomas E. (Tom) Blair
Richard S. (Steve) Davis
Designate Type of Completion
X New Well Re-Entry Workover
Oil SWD SIOW X 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. FROM CONFIDENTIAL
Plug Back PBDT
Commingled Docket No. _____
Dual Completion Docket No. _____
Other (SWD or Inj?) Docket No. _____
11-10-97 11-19-94 12-23-94*
Spud Date Date Reached TD Completion Date
*SI - Temp Abd

RELEASED

Chloride content 29,000 ppm Free
Fluid volume ~700 bbls
Dewatering method used Allow to evaporate dry, then backfill
Location of fluid disposal if hauled offsite: _____
Operator Name FEB 1 0
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 C. K. Morrison
Title C. K. Morrison, Operations Manager Date 1-11-95
Subscribed and sworn to before me this 11th day of January,
19 95.
Notary Public Martha A. Bryan
Date Commission Expires 7-24-97 Martha A. Bryan

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)

MARTHA A. BRYAN
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 7-24-97

FEB 13 1995
2-13-95
STATE CORPORATION COMMISSION

Operator Name Corss Bar Petroleum, Inc. Lease Name Schmidt Trust Well # 1-23

Sec. 23 Twp. 29S Rge. 18 East West
 County Kiowa

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: GR5 DENS BCN DINL CB-VDL	* <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datums Name Top Datum
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* See Supplement

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	12-1/4"	8-5/8"	23#	531' KB	60-40 Pozmix	325	2% gel 3% CC 1/4#/sk Flo Seal
Production	7-7/8"	5-1/2"	14#	4946' KB	HLC	55	1/4#/sk Flocele
					60-40 Pozmix	60	18% salt, 7#/sk Gilsonite, 0.6%

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				

EA-2 HALAD-322 & 1/4#/sk D-AIR-1
45 As above + 5% Cal Sea

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	
		2 jspf	4872' - 4882'
		20,200 ga MY-T-GEL LT w/ additives 5000# 100 mesh sand, ~18,600# sand*	4772'-4782' *screened out- est. sand in
	4303' CIBP 4297' CIBP		
2 jspf	4259'-4265'	500 ga 15% NEFe w/ 2 ga LoSurf 259 1500 ga 15% NEFe w/ 6 ga LoSurf 259	4259'-4265' 4259'-4265'

TUBING RECORD			
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. SI Temp Abd on 12-21-94	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 Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: N/A **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4772'-4782'
 (If vented, submit ACO-18.) Other (Specify) _____ 4259'-4265'

Cross Bar Petroleum, Inc. # 1-23 Schmidt Trust
API #15-097-21,374

70' W of E/2 SE NW 23-T29S-R18W
(1980' FNL, 2240' FWL), Kiowa County, Kansas

FORMATION	LOG TOPS	DATUM
Anhydrite	1147'	+1084
Krider	2449'	- 275
Cottonwood	2977'	- 803
Wabaunsee	3277'	- 1103
Stotler	3415'	- 1241
Emporia	3497'	- 1323
Heebner	4067'	- 1893
Brown Lime	4244'	- 2070
Lansing 'A' Porosity	4259'	- 2085
Lansing 'B' Porosity	4296'	- 2122
Lansing 'C' Porosity	4317'	- 2143
Drum	4430'	- 2256
Stark	4515'	- 2341
Swope Porosity	4519'	- 2345
Hushpuckney	4564'	- 2390
Hertha	4583'	- 2409
Base / Kansas City	4661'	- 2687
Marmaton	4684'	- 2510
Altamont Porosity	4722'	- 2548
Pawnee Porosity	4754'	- 2580
Cherokee Shale	4795'	- 2621
Mississippian Unconf	4859'	- 2685
Mississippian Porosity	4864'	- 2690
Gilmore City	4938'	- 2764
Rotary Total Depth	4950'	- 2776
Logger's Total Depth	4949'	- 2775

ORIGINAL

KCC

FEB 1 0

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RELEASED

MAR 1 1 1997

FROM CONFIDENTIAL

DST #1, 4252'-4272' (Lansing 'A'), 45-60-45-90. 1st op - strong blow 15 min after op, GTS in 32 min. Ga 14.1 MCFGD/35 min on 1/2" orifice. 2nd op - 1/2" orifice, 14.1 MCFGD/10 min. Reduced to 1/4" orifice, ga 11.6 MCFGD/20 min, 12.1MCFGD/30 min, 11.6 MCFGD/40 min, 11.6 MCFGD/45 min. Rec 80' GCM (5%G, 95% M) IHP 2019#, IFP 18-23#, ISIP 1410#, FFP 21-28#, FSIP 1410#, FHP 1954#, BHT 111°f

DST #2, 4700' - 4748' (Altamont), 30-30-20-out. 1st op - 1/4" incr to 1/2" blow. 2nd op - 1/4" blow - died. Flushed tool; no help. Rec 25' DM. IHP 2261#, IFP 27-28#, ISIP 37#, FFP 30-32#, No FSIP, FHP 2239#, BHT 126°f

DST #3, 4780'-4889' (Mississippian), 45-60-45-90. 1st op- strong blow off btm in 1-1/2 min;GTS in 45 min-TSTM. 2nd op- GTS immed; gauged 81.8 MCFGD in 5 min; 41 MCFGD/10 min; 12.6 MCFGD/20 min, 14.3 MCFGD/30 min; 15.5 MCFGD/40 min; 15.9 MCFGD/45 min. Rec 75' DM & 120' DM w/ oil spks (chl 5,500 ppm/ sys chl 4,000). IHP 2327#, IFP 84-98#, ISIP 1240#, FFP 109-114#, FSIP 1299#, FHP 2316#, BHT 128°f

Ran DST#4, 4865-4899' (Miss), 45-8*-45-90. 1st op- off btm in 1 min. (Inadvertently terminated ISIP) 2nd op- immed off btm, GTS in 30 min-TSTM. Ga 3.37 MCFGD in 35 min; 4.76 MCFGD/40 min; 5.32 MCFGD/45 min. Rec 4775' GIP, 65' gsy mud w/ oil spks (15% G, 85% M), 120' SOCGM (25%G, 2%O, 73%M) & cln oil on top of tool (chl 5,500). IHP 2336#, IFP 34-55#, ISIP 169#, FFP 62-85#, FSIP 1362#, FHP 2294#, BHT 128°f

ALLIED CEMENTING CO., INC.

0872

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

ORIGINAL

SERVICE POINT:

Medicine Lodge Ks.

DATE 11-11-94	SEC. 23	TWP. 29S	RANGE 18W	11-10-94 CALLED OUT 7:45 P	11-11-94 ON LOCATION 12:00 A	JOB START 6:30 A	JOB FINISH 7:00 A
SCHMIDT LEASE TRUST	WELL# 1-23	LOCATION Greensburg 1E, 6 1/2S, 3 1/4E, 51S			COUNTY Kiowa	STATE KANSAS	

OLD OR NEW (Circle one)

CONTRACTOR Murfed Oil & Gas #21

TYPE OF JOB SURFACE CASING

HOLE SIZE 12 1/4 T.D. 532

CASING SIZE 8 5/8 DEPTH 529

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 43

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER Crossbar Petroleum CEMENT

AMOUNT ORDERED 325 SK 60/40 POZ, 2% GEL
3% CC, 1/4" # Flo-Seal

COMMON	19S	@	5.7S	1121.25
POZMIX	130	@	3.00	390.00
GEL	6	@	9.00	54.00
CHLORIDE	10	@	25.00	250.00
FLO-SEAL	81#	@	1.10	89.10

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HANDLING	32S	@	1.00	32S.00
MILEAGE	32S X 37		.04	481.00

KCC TOTAL 2710.35

EQUIPMENT

PUMP TRUCK	CEMENTER	NEAL R
#255/265	HELPER	CARLB
BULK TRUCK	DRIVER	MARK B. RELEASED
#238/252	DRIVER	MARK B. MAR 11 1997

REMARKS: FROM CONFIDENTIAL

FEB 10 SERVICE
CONFIDENTIAL

RAN 8 5/8 TO 529' CEMENTED WITH 325 SK
60/40/2% GEL, 3% CC, 1/4" # FLO-SEAL - DISPLACED
PLUG TO 486' WITH 31 BBL H₂O
CEMENT DID CIRCULATE!

DEPTH OF JOB	529		
PUMP TRUCK CHARGE	0-300		430.00
EXTRA FOOTAGE	229	@	.39 89.31
MILEAGE	37	@	2.2S 83.2S
PLUG 1-8 5/8	w/wooded Rubber Lug	@	42.00 42.00

TOTAL \$644.56

CHARGE TO: Crossbar Petroleum Inc.
STREET 151 N. MAIN Centre Plaza
CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

8 5/8	WOODED RUBBER		
1-8 5/8	BAFFLE PLATE	@	105.00 105.00
FEB 18 1995		@	
CONSERVATION		@	
CONSERVATION		@	

#1-23 Schmidt Trust

TOTAL \$105.00

Surface Casing

WELL DATA

FIELD: SEC. 23 TWP. 29S RNG. 18W COUNTY: Kiowa STATE: KS
FORMATION NAME: TYPE:
FORMATION THICKNESS: FROM: TO:
INITIAL PROD: OIL: BPD. WATER: BPD. GAS: MCFD
PRESENT PROD: OIL: BPD. WATER: BPD. GAS: MCFD
COMPLETION DATE: MUD TYPE: MUD WT. 9.2
PACKER TYPE: SET AT:
BOTTOM HOLE TEMP.: PRESSURE:
MISC. DATA: TOTAL DEPTH:

JOB DATA

Table with 4 columns: CALLED OUT DATE, ON LOCATION DATE, JOB STARTED DATE, JOB COMPLETED DATE. Values include 11-19-94, 11-20-94, 11-22-94, 11-22-94.

PERSONNEL AND SERVICE UNITS

Table with 3 columns: NAME, UNIT NO. & TYPE, LOCATION. Lists personnel like G. Byrd, L. Gaudin, R. Johnson, K. STAPLE with their unit numbers and locations.

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TOOLS AND ACCESSORIES

Table with 3 columns: TYPE AND SIZE, QTY., MAKE. Lists items like FLOAT COLLAR, GUIDE SHOE, CENTRALIZERS, etc.

MATERIALS

Form for MATERIALS with fields for TREAT. FLUID, DISPL. FLUID, PROP. TYPE, ACID TYPE, SURFACTANT TYPE, etc.

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CEMENT DATA

Table with 7 columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL.

PRESSURES IN PSI

SUMMARY

VOLUMES

Summary section with fields for CIRCULATING, BREAKDOWN, AVERAGE, SHUT-IN, HYDRAULIC HORSEPOWER, PRESLUSH, LOAD & BKDN, TREATMENT, CEMENT SLURRY, TOTAL VOLUME.

REMARKS

REMARKS section with handwritten notes: 26.2 bbl - HLC, 15.9 bbl - P02, 11.5 bbl - EA-2, 25 SKS of HLC Four Pathole / Monoschale.

CROSS BAR, LEASE, Schmidt Trust, WELL NO. 1-23, JOB TYPE 10045 string, DATE 11-22-94



JOB LOG HAL-2013-C

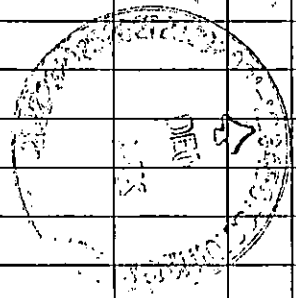
CUSTOMER Cross BAR	WELL NO. 1-23	LEASE Schmidt Trust	JOB TYPE Longstring	TICKET NO. 741417
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	06:00							ON location
	07:30							Start casing in hole ^{Completion} Float Equipment
	10:30							Casing on Bottom
	10:45							BREAK Circulation (Rig Pump)
	11:50		25					Run CLFTX water PRE FLUSH
	11:56	6	18					450 Run SPARE FLUSH
	11:59	6	5					450 Run SPARE FLUSH
	12:05	3	7.5					455 Plug Rathole x Mousehole 25 sks
	12:09	6	0					455 Start Mixing cut Downhole HLC
	12:18	6	18.0					350 Start Mixing 2nd blend 4/60 For
	12:22	6	33.9					225 Start Mixing Tail cut
	12:26	6	45.4					200 Finish Mixing
	12:27		-					- Wash out Pump & lines
	12:29		-					- Release Plug
	12:29	6	0					100 Start Displacement
	12:41	6	75.6					100 Cement on Bottom
	12:48	4	117.0					750 Reduce Rate KOC
	12:50		119.8					7250 Land Plug FEB 10
	12:51							- Release PSE CONFIDENTIAL
	12:52							- Float Hold
	13:00							Wash up
	14:00							Job Complete

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Thanks

Blew, Larry, Kyle, Brad



RELEASED

MAR 11 1997

FROM CONFIDENTIAL