

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

API NO. 15- 119-20,966-0000

ORIGINAL

County Meade

 - - NW - NW Sec. 21 Twp. 31S Rge. 29 E

CONFIDENTIAL

Operator: License # 4243

660 Feet from S/W (circle one) Line of Section

Name: CROSS BAR PETROLEUM, INC./
DUNNE EQUITIES, INC. (#6149)

660 Feet from E/W (circle one) Line of Section

Address 151 N. MAIN, SUITE 630

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

City/State/Zip WICHITA KS 67202-1407

Lease Name DONAHUE Well # 1-21

Purchaser: CIBOLA

Field Name WILDCAT

Operator Contact Person: ALBERT BRENSING

Producing Formation CHESTER

Phone (316) 265-2279

Elevation: Ground 2710' KB 2715'

Contractor: Name: ABERCROMBIE RTD, INC.

Total Depth 5560' PBD

License: 30684

Amount of Surface Pipe Set and Cemented at 1604.57 Feet

Wellsite Geologist: KIM SHOEMAKER

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

X New Well Re-Entry Workover

If yes, show depth set Feet

 Oil SWD SIOW Temp. Abd.
X Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

If Workover:

Operator: **MAR 23 1990**

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Well Name:

Chloride content 11,000 ppm Fluid volume 1750 bbls

Comp. Date Old Total Depth

Dewatering method used ALLOW TO EVAPORATE THEN BACKFILL

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

Location of fluid disposal if hauled offsite:

Operator Name KCO

08-05-96 08-16-96 08-16-96
Spud Date Date Reached TD Completion Date

Lease Name NOV 20 License No.

 Quarter Sec. Twp. S Rng. E/W

County Meade Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 PRESIDENT Date 11-20-96

Subscribed and sworn to before me this 20th day of November, 1996.

Notary Public Jo Ann Thaden

Date Commission Expires 4-17-97

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

JO ANN THADEN
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 4-17-97

Operator Name CROSS PAR PETROLEUM, INC./DUNNE EQUITIES, INC. Lease Name DONAHUE Well # 1-21

Sec. 21 Twp. 31S Rge. 29 East County MEADE

West

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.)

Log Formation (Top), Depth and Datums Sample
 Name Top Datum

SEE EXHIBIT 'A' ATTACHED HERETO

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

List All E.Logs Run: COMPENSATED NEUTRON GAMMA RAY,
 SONIC CEMENT BOND LOG

CONFIDENTIAL

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"	28#	1605'	ALLIED LITE	575	3%cc, 1/4# flo seal
					Class 'A'	150	2%gel, 3%cc
PRODUCTION	7 7/8"	5 1/2"	15#	1555'	Class 'A' Prem.	150	

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 Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4	5456-66' & 5478-83'	1500 gal 15% Nefe & 90 ball sealers
		119 bbl 15% NEFe foamed acid, 11 bbl foamed 2% clafix
		water flush & 11 bbl 2% clafix water

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	5454.50'	5421'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. SI WOPL _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas est. Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		250	0		

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 5456-5483'
 (If vented, submit ACO-18.) Other (Specify) _____

Exhibit "A" to ACO-1

CONFIDENTIAL

COPY
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Cross Bar/Dunne Equities #1-21 Donahue
660' FNL & 660' FWL 21-T31S-R29W
Meade County, Kansas

15-119-20966

DST #1, 5398-5458' (Morrow, Upper Chester), misrun.

Log Formation Tops

FORMATION	KB	2715'
	DEPTH	SUBSEA
KRIDER	2652	63
COUNCIL GROVE	2797	-82
DEER CREEK	NL	
HEEBNER	4303	-1588
TORONTO	4327	-1612
LANSING	4394	-1679
JUDY	4680	-1965
HODGES	4898	-2183
MARMATON	5016	-2301
PAWNEE	5122	-2407
CHEROKEE SHALE	5174	-2459
ATOKA	5304	-2589
MORROW SHALE	5417	-2702
MORROW SAND	5425	-2710
CHESTER	5430	-2715
CHESTER POROSITY	5455	-2740
BASAL CHESTER	NP	
STE. GENEVIEVE	NP	
ST. LOUIS POROSITY	NP	
RTD	5560	-2845

RELEASED

MAR 23 1998

FROM CONFIDENTIAL

NOV

NOV 20

CONFIDENTIAL

1998 NOV 21 A 11:59

RECEIVED
KANSAS CORP CORP

ORIGINAL

15-119-20966

CONFIDENTIAL

WELL NAME: Donahue #1-21
COMPANY: Cross Bar Petroleum Inc
LOCATION: 21-31S-29W
Meade County Kansas
DATE: 08/14/96

RELEASED

MAR 23 1998

FROM CONFIDENTIAL.

RCC

NOV 20

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Cross Bar Petroleum Inc
 WELL NAME: Donahue #1-21
 LOCATION : 21-31S-29W, Meade Cty KS
 INTERVAL : 5398.00 To 5458.00 ft

DATE 8-14-96
 KB 2715.00 ft
 GR 2710.00 ft
 TD 5458.00 ft

TICKET NO: 8629
 FORMATION:
 TEST TYPE: CONVENTIONAL

DST #1

RECORDED DATA

mins		Field	1	2	3	4	TIME DATA-----		
0	Rec.	1055	1055	2341			PF Fr.	to	hr
0	Range (Psi)	3500.0	3500.0	4995.0	0.0	0.0	IS Fr.	to	hr
0	Clock (hrs)	12	12	Alpin			SF Fr.	to	hr
0	Depth (ft)	5455.0	5455.0	5402.0	0.0	0.0	FS Fr.	to	hr

	Field	1	2	3	4		
Init Hydro	785.0	765.0	682.0	0.0	0.0	T STARTED	0700 hr
First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM	hr
Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN	hr
In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED	0810 hr
Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT	0900 hr
Final Flow	0.0	0.0	0.0	0.0	0.0		
Fl Shut-in	0.0	0.0	0.0	0.0	0.0		
Final Hydro	745.0	741.0	656.0	0.0	0.0		
Inside/Outside	0	0	I				

TOOL DATA-----

Tool Wt. 1800.00 lbs
 Wt Set On Packer 20000.00 lbs
 Wt Pulled Loose 0.00 lbs
 Initial Str Wt 0.00 lbs
 Unseated Str Wt 0.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 2.25 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 0.00 ft

RECOVERY
 Lost Fluid 0.00 ft of 0.00 ft in DC and 0.00 ft in DP

CALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

WELL DESCRIPTION

MISRUN - Ran 25 stands in hole; hit bridge at 1640' couldn't go through.

MUD DATA-----

Mud Type Chemical
 Weight 8.90 lb/cf
 Vis. 48.00 S/L
 W.L. 10.40 in3
 F.C. 0.00 in
 Mud Drop

Amt. of fill 0.00 ft
 Btm. H. Temp. 0.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Mike Colantonio
 Co. Rep. Kim Shoemaker
 Contr. Abercrombie
 Rig # 4
 Unit #
 Pump T.

SAMPLES:
 SENT TO:

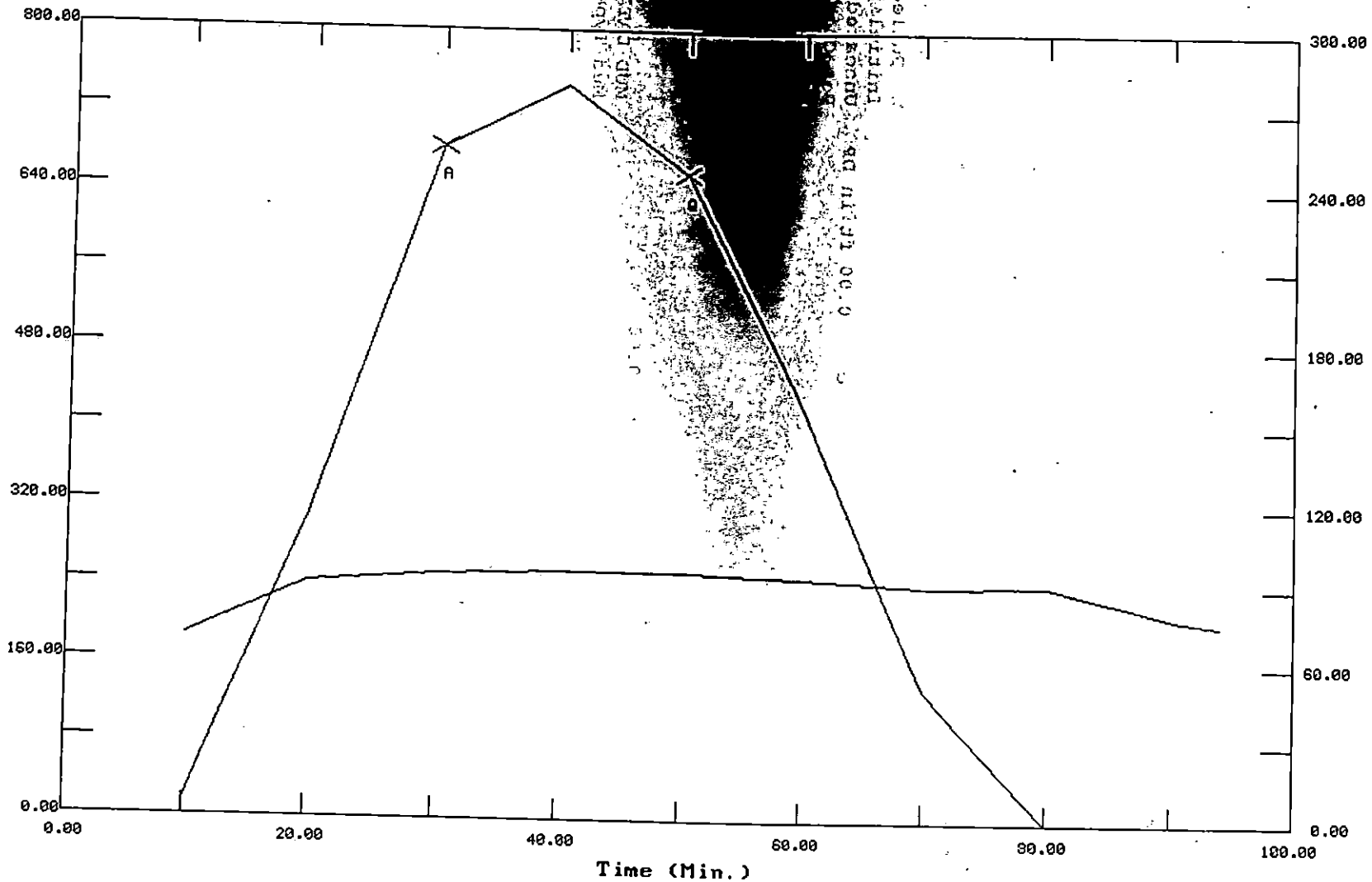
Test Successful: N

TEST HISTORY

29 DST#1 Donahue #1-21 Cross Bar Pet. Inc.

Flag Points

Time (Min.)	Pressure (PSIg)
0.00	681.89
0.00	655.92



*** TOOL DIAGRAM *** CONVENTIONAL

NAME: Donahue #1-21	P.O. SUB	
	C.O. SUB 1ft	5371
SION : 21-31S-29W, Meade Cty KS	S.I. TOOL 5ft	5377
ET No. 8629 D.S.T. No. 1 DATE 8-14-96		
. TOOL TO BOTTOM OF TOP PACKERS 27	HMV 5ft	5382
IVAL TOOL		
OM PACKERS AND ANCHOR 29	JARS 5ft	5387
. TOOL 56		
. COLLAR ANCHOR IN INTERVAL		
ANCHOR STND.Stands Single Total	SAFETY JOINT 2ft	5389
ANCHOR STND.Stands Single 1 Total 31	PACKER 5ft	5393
. ASSEMBLY 87	PACKER 5ft	5398
ABOVE TOOLS.Stands Single Total	DEPTH 5398	
ABOVE TOOLS.Stands Single Total	STUBB 1ft	5399
. DRILL COLLARS DRILL PIPE & TOOLS ..	ANCHOR	
	Alpine Rec.	5402
. DEPTH 5458	6ft pick up sub	5407
. DRILL PIPE ABOVE K.B.	15ft perf	5422
KS:	1ft c/o sub	5423
	T.C.	
	DEPTH	
	31ft weight pipe	5454
	AK-1 recorder	5455
	BULLNOSE 3ft bull plug	
	T.D.	5458

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8629 DST#1 Donahue #1-21 Cross Bar Pet. Inc.

DATE: 08/14/96 TIME: 07:20:04

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	30.00	681.9	0.0	93.62		
***** Start Flow 1	0.00	655.9	0.0	94.40		
***** End Flow 1	10.00	422.2	-233.7	93.09		
***** End Shut-in 1	61.00	422.2	0.0	93.09	0.1639	0.178
***** Final Hydro.	60.00	422.2	0.0	93.09		