

ORIGINAL

SIDE ONE

20785-0000

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

Operator: License # 08060

Name: Zinke & Trumbo, Ltd

Address 1200 E. 33rd, Suite 100

City/State/Zip Tulsa, OK 74105

Purchaser: _____

Operator Contact Person: Wayne Taylor

Phone (918) 743-5095

Contractor: Name: Eagle

License: 5380

Wellsite Geologist: David Hickman

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

6-12-90 6-23-90

Spud Date Date Reached TD Completion Date

API NO. 15- 033-2785

County Comanche

NW/4 NW/4 Sec. 35 Twp. 32S Rge. 19 East West

4620 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

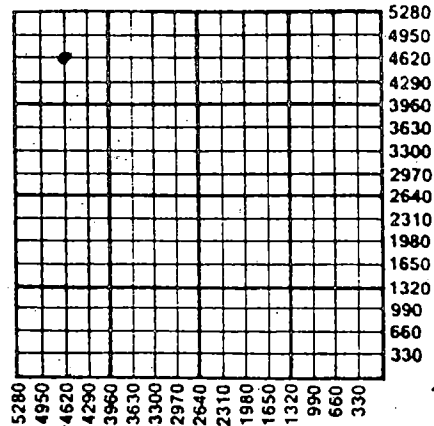
Lease Name Brass Well # 1-35

Field Name Wildcat

Producing Formation Arbuckle

Elevation: Ground 1951' KB 1964'

Total Depth 6300' PBDT 5296'



Amount of Surface Pipe Set and Cemented at 574 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/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

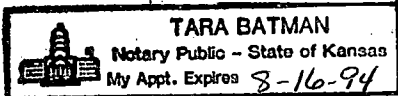
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature David Rice
Title Agent Date 10-23-90

Subscribed and sworn to before me this 23 day of October
19 90.

Notary Public Sara Batman

Date Commission Expires 8-16-94



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

OCT 25 1990
10-25-90

SIDE TWO

Operator Name Zinke & Trumbo, Inc. Lease Name Brass Well # 1-35
 Sec. 35 Twp. 32S Rge. 19 East West
 County Comanche

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.)
 Submitted Halliburton Dual Induction Log

Formation Description		
Name	Top	Bottom
Red Bed	0	1125
Red Bed & Shale	1125	1855
Shale & Lime	1855	6300

Log Sample

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
Conductor		20		77			
Surface	12 1/4	8 5/8	24	574	BJ-lite-CLA	250-100	3%CC 2%gel
Prod. String	7 7/8	4 1/2	10.5	5335	35-65poz-CLH	50-200	10%gel 10%A-5

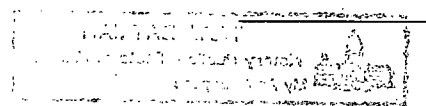
PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2 SPF	5130'-36'	300 gal 15% HCL acid	Mississippi zone
1 Shot per 2'	5136'-54'		"
2 SPF	5154'-58'	62000 gal BJ RXL-4	
1 Shot per 2'	5158'-92'	delay cross link fluid containing 2300, 9600# 20/40 sand with 20% CO2 as sit	

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

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

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





P.O. Box 4442
Houston, Texas 77210

ORIGINAL CEMENTING LOG

STAGE NO.

FILE

Date 6-24-90 District Medford Ticket No. 610855
 Company ZINKE + TRUMBO Rig EAGLE #1
 Lease BRASS Well No. 1-35
 County COMANCHE State KANSAS
 Location 35-32s-19W Field COLOWATER 35, 20W, 14S, 9S

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2" Type K-55 Weight 10.5# Collar STAC

BURST COLLAPSE
4790# 4010#

Casing Depths: Top _____ Bottom _____
2 1/2" 61 -
4 1/2" KB - 5335'

Drill Pipe: Size 4 1/2" Weight 16.6# Collars X4
 Open Hole: Size 7 7/8" T.D. 6300 ft. P.B. to 5336 ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. 62.70
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.59
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6474
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: 500 BALL MUD CLEAN
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 35:65:6
5 1/2" (D) 31, 10 1/2" A-5 Excess _____
 Amt. 50 Sks Yield 1.89 ft³/sk Density 13.0 PPG

TAIL: Pump Time 3 HAS. 10 hrs. Type CLASS H, 6 1/2" A-10
1 1/2" BEL, 10 1/2" A-5 Excess _____
 Amt. 200 Sks Yield 1.49 ft³/sk Density 14.8 PPG
 WATER: Lead 10.03 gals/sk Tail 7.07 gals/sk Total 45 1/2 Bbls.

Pump Trucks Used 2901-6480 NEAL RUPP
 Bulk Equip. 2903-6483 JOHN KELLEY

Floater Equip: Manufacturer WEATHERFORD
 Shoe: Type CEMENT Depth 5335'
 Floater: Type COLLAR Depth 5310'
 Centralizers: Quantity 12 Plugs Top RUBBER Btm. _____
 Stage Collars _____
 Special Equip. RECIPROCATING SCRATCHERS
 Disp. Fluid Type 2% KCL Amt. 86 3/4 Bbls. Weight 8.42 PPG
 Mud Type CHEMICAL Weight 9.0 PPG

COMPANY REPRESENTATIVE ED PATTERSON CEMENTER KEVIN LAUNGBAUM

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL-PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
8:00						ON LOCATION, RIG UP JOB + SAFETY PROCEDURE CIRCULATE EVERY 50 FT. WHILE RUNNING CASING CASING ON BOTTOM, RECIPROCATE Csg. 20' WHILE CIRCULATING RIG UP TO CEMENT PUMP START FRESH H ₂ O FRESH H ₂ O IN - START MUD CLEAN MUD CLEAN IN - START FRESH H ₂ O FRESH H ₂ O IN - START LEAD LEAD IN - START TAIL TAIL IN - STOP PUMPS CHANGE VALVES - FRESH PUMP + LINES CHANGE VALVES - RELEASE PLUG START DISPLACEMENT INCREASE RATE CEMENT TURNS SHOES - SLOW RATE REMOVAL PSI IN SLOW RATE PUMP PLUG
2:30	700				6	
	700		10	10	6	
	700		20	10	6	
	800		30	10	6	
	600		47	17	6	
	450		100	53	6	
	100				2	
	150		102	2	6	
	100		117	15	4	
	700		159	42	4	
	650		180	21	3	
3:10	1200		186 3/4	6 3/4		PUMP PLUG

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 1/2 BBLs. THANK YOU



P.O. Box 4442
Houston, Texas 77210

ORIGINAL CEMENTING LOG

STAGE NO.

Date 6-24-90 District MED. LOOSE Ticket No. 610355
 Company ZINKE & TRUMB Rig EAGLE #1
 Lease BRASS Well No. 1-35
 County COMANCHE State KANSAS

Location 35-325-19W Field _____
COLDWATER 35, 2W, 14S, 9E
 CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 3/8" Type _____ Weight 24# Collar ST+C

Casing Depth: Top _____ Bottom _____
378" BL -

Drill Pipe: Size 4 1/2" Weight 16.6# Collars XH
 Open Hole: Size 7 7/8" T.D. 6300 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.7
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: FRESH H₂O
 Amt. _____ Sks Yield _____ ft³/sk Density 8.24 PPG

LEAD: Pump Time _____ hrs. Type _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type CLASS H
2 1/2 A-7P Excess _____
 Amt. 30 Sks Yield 1.17 ft³/sk Density 15.7 PPG
 WATER: Lead _____ gals/sk Tail 5.2 gals/sk Total 374 Bbls.

Pump Trucks Used 2901-6430 NEAL RUPP
 Bulk Equip. 2757-54116 JOHN KELLEY

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Floater: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type DALG. MUD Amt. 74 1/2 Bbls. Weight _____ PPG
 Mud Type CHEMICAL Weight _____ PPG

COMPANY REPRESENTATIVE ED PATTERSON CEMENTER HEIN BRUNBANDT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						ON LOCATION
						REG UP TO DRILL PIPE
1:30	500				5	START FRESH H ₂ O
	600		5	5	4	FRESH H ₂ O IN - START CEMENT
	400		11 1/4	6 1/4	5	CEMENT IN - START FRESH H ₂ O
	400		13 1/4	2	6	FRESH H ₂ O IN - START MUD
1:45	500		19 3/4	7 1/2		MUD IN - STOP PUMPS

OCT 25 1990



CUSTOMER COPY

ORIGINAL

SERVICE OPERATIONS CONTRACT CONTINUATION

CONTRACT NO. 610855

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY	
06	23	90	Med. Lodge	3350	ED PATTERSON
CUSTOMER				ZINKE & TRUMBO	

PRICE BOOK	PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
01	10420145	461	BJ Gel	.13	L	59 93
	104241005	22	@D-31	3.87	L	85 14
	10425005X	500	MUD CLEAN	.48	G	240 00
	10413013	18	FLYASH	2.61	Q	46 98
	10330001	346	MIXING SERVICE	.95	Q	328 70
	10940101	753	DRAPAGE 15.8 x 48	.70	F	530 88
	10430503	1	4 1/2" TOP RUBBER PLUG	42.50	E	42 50
			BOOK PRICE		\$	6137 07
			LESS			
			TOTAL		\$	

JUL 25 1990

SERVICE REPRESENTATIVE: K. BRUNBALDT

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



P.O. Box 4442
Houston, Tx. 77210
ORIGINAL
REMIT TO: P.O. Box 100806, Houston, Tx. 77212

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

DATE 6-23-90	SERVICE CONTRACT NO. 610855
NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE 0
JOB NUMBER 500434	
WELL NO. 1-35	LEASE NAME & FEDERAL OFFSHORE LEASE NO. BRASS
COUNTY/PARISH COMANCHE	STATE TX CODE 15
FIELD NAME	CITY CODE
WELL OWNER ZINKE + TRUMBO	MTA CODE
PUMPING EQUIPMENT	TIME (A OR P)
TRUCK CALLED	DATE MM DD YY 12.30 P 06/23/90
ARRIVED AT JOB	3.00 P 06/23/90
START OPERATION	6.30 P 06/23/90
FINISH OPERATION	3.10 P 06/24/90
TIME RELEASED	4:00 P
MILES FROM STATION TO WELL 91	SALESMAN NUMBER

CUSTOMER ACCOUNT NO.	DIST NAME MED LODGE
CUSTOMER ZINKE + TRUMBO	DIST NUMBER 3350
ADDRESS	ORDER NO.
CITY STATE ZIP	(Please Print) AUTHORIZED BY ED FATERSON
STAGE NO.	JOB CODE 0113, 0106
TOTAL PREV. GALS.	WORKING DEPTH 5335 FT
TOTAL MEAS. DEPTH	1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input checked="" type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>
FT.	SIZE HOLE 7 7/8" DEPTH 6300 FT
PACKER DEPTH	SIZE & WT. CASING 4 1/2" 10.5# DEPTH 5335 FT
AVG. PSI. 1200	FLUID PUMPED
MAX. BPM 6	
S/S EMPLOYEE NUMBER 666454	

REMARKS

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK	01	SIGNED: <i>Edward Stettin</i>	(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)		
PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
101100330	1	5,001' - 7,000'	1155.00	E	1155.00
101100335	4	MUSTER 100' BELOW 5,000'	15.00	E	60.00
101103210	1	PLUG BACK, 3-16 HOURS	1155.00	E	1155.00
1011051005	2	ADDITIONAL HOUR	115.00	E	230.00
10109005	96	MILEAGE, RIT	1.10	E	105.60
10410505	233	CLASS H	5.54	Q	1267.82
10428020	1100	A-10	.22	L	242.00
10428048	600	A-9	.22	L	132.00
10415049	112	A-7P	.46	L	51.52
10415033	1400	A-5	.11	L	154.00

SERVICE REPRESENTATIVE: *Kevin Bunnard* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Edward Stettin*

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



ORIGINAL LOAD SHEET

BJ TITAN SERVICES

JOB NUMBER 500434	CONTRACT NUMBER 610855	DATE 6/24/90	DISTRICT NAME Med. Lodge, Ks.
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CUSTOMER NAME AND ADDRESS ZINKE + TRUMBO	DIRECT SHIPMENT FROM VENDOR NAME
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Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410505	CLASS H	Q	30		
2	415049	A-7P	L	36		
3						
4						
5						
6						
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OCT 25 1990

COPY 1 — DISTRICT COPY COPY 2 — CUSTOMER COPY COPY 3 — HOUSTON	LOADED BY: <u>Kevin Brungardt</u> PRINTED	CUSTOMER: <u>Edward Stetter</u> SIGNATURE
	SIGNATURE _____ DATE _____	



B.J. TITAN SERVICES
LOAD SHEET

ORIGINAL

JOB NUMBER 50043H	CONTRACT NUMBER 610855	DATE 6/23/90	DISTRICT NAME Med. Center, Ks.
CUSTOMER NAME AND ADDRESS ZINKE & TRUMBO		DIRECT SHIPMENT FROM VENDOR NAME	

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	CLASS H	Q	253		
2	415012	FLYASH	Q	18		
3	423020	A-10	L	1100		
4		A-9	L	600		
5	415049	A-7P	L	56		
6	415028	A-5	L	1400		
7	420145	BTBEL	L	461		
8	424005	(D)-31	L	22		
9	428035	S.A.P.P.	L	75		
10	425007	CHEM FLUSH 3	G	3		
11	430508	4 1/2" TOP RUBBER PLUG	E	1		
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OCT 25 1990

COPY 1 - DISTRICT COPY COPY 2 - CUSTOMER COPY COPY 3 - HOUSTON	LOADED BY: Kevin Brannon	CUSTOMER: David D. Walker
	PRINTED	SIGNATURE
	Jan Kelly	DATE
	SIGNATURE	