

ORIGINAL

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RELEASED

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

API NO. 15-007-22,275-00-00 APR 30 1991

County Barber FROM CONFIDENTIAL
140' W, 20' N
NE NW Sec. 7 Twp. 31S Rge. 12 East
West

Operator: License # 30217
Name Robba Exploration, Inc.
Address 230 N. Market
City/State/Zip Wichita, KS 67202

4620 Ft North from Southeast Corner of Section
3400 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser Williams Cos. Transporter
Reliance Cos. Purchaser

Lease Name Gress Well # 1
Field Name Nurse NE

Operator Contact Person Richard Robba
Phone (316) 264-6653

Producing Formation Douglas
Elevation: Ground 1696' KB 1701'

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Richard A. Robba
Phone 316-264-6653

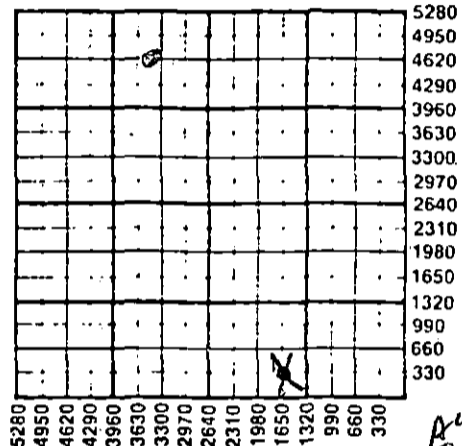
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp
 Dry Other (Core, Water Supply etc.)

CONSERVATION DIVISION
Wichita, Kansas

If OWD: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

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Section Plat



ACT I
8/30-90

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

X Surface Water 3300 Ft North from Southeast Corner
(Stream pond etc.) 1320 Ft West from Southeast Corner
Barber Sec 12 Twp 31SRge 13 East X West

Other (explain)
(purchased from city, R.W.D. #)
Sand Creek Feeder

WELL HISTORY
Drilling Method:
 Mud Rotary Air Rotary Cable
12-12-89 12-23-89 3-20-90
Spud Date Date Reached TD Completion Date
4579' PBD
Total Depth
Amount of Surface Pipe Set and Cemented at 282 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to W/SX cmt
Cement Company Name
Invoice #

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. 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.

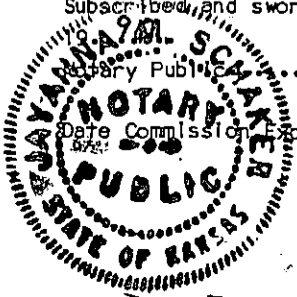
Signature Richard A. Robba
Title Geologist Date 4-9-90

Subscribed and sworn to before me this 9th day of April
Notary Public Jayanna M. Schaefer
Date Commission Expires March 15, 1993

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Sec. Twp. Rge.

ORIGINAL



Operator Name Robba Exploration, Inc. Lease Name Gress Well # 1

Sec. 7 Twp. 31S Rge. 12 East West County Barber **RELEASED**

WELL LOG

APR 30 1991

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all 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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Wreford	2184	-483
Heebner	3576	-1875
B/KC	4202	-2501
Kinderhook	4355	-2564
Total Depth	4582	-2881

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 1/2"	8 5/8"	28#	282'	60/40poz KC Flush	170 20 bbls	2% gel, 3% cc
Production	7 7/8	4 1/2	10 1/2#	3856'	60/40poz	300	2% gel, 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	3632-3236			200gal. 10% Acetic			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2 3/8		3610					
Date of First Production		Producing Method					
4-7-90		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
0		Bbls	180,000 MCF	0 Bbls	0 CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify).....
 Dually Completed Commingled

3632
3636



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DRILL STEM TESTS

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No	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHM - FMH	RECOVERY
1	2605- 2691	225- 463 30	950 45	485- 734 60	939 60	1374- 1374	47,100 CFPD 1,433' SW
2	3601- 3637	33- 44 30	363 45	55- 99 90	357 60	1715- 1715	222,000 CFPD 150' MFW
3	3977- 4022	121- 341 30	1511 45	397- 535 30	1511 60	1986- 1924	1,111' GIP 144' sl: OspKDM 868' SW
4	4237- 4270	44- 44 30	231 45	55- 55 30	308 60	2146- 2146	814' GIP 92' sl: OspKDM
							RELEASED
							APR 30 1991
							FROM CONFIDENTIAL

REMARKS & RECOMMENDATIONS

This well ran high to Anschutz #1 Gress on the Indian Cave and Douglas sand and both drill stem test natural gas. The Mississippi Chert thickens but did not test commercial. It is recommended to first produce the Pgsd and perforated the Topeka and Indian Cave before abandonment.

Respectfully Submitted
Richard A. Rouba



P.O. Box 4442
Houston, Texas 77210

CEMENTING LOG ORIGINAL

Date: 7-24-90 District: Med. Lodge Ticker No: 610952
 Company: ROBBO EXPLORATION Rig: ALLEN #
 Lease: BRES Well No: 3
 County: BARBER State: KANSAS
 Location: 7-31-12W Field: _____
ANGONA SCHOOL N. E.

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size: S/S Type: USED Weight: 14# Collar: ST-C
J.SS

RELEASED

Casing Depths: Top _____ Bottom: APR 30 1991

CEMENT DATA
 Spacer Type: 300 Bars. PELLON MID SWEEP
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

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LEAD: Pump Time _____ hrs. Type _____ Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____
 TAIL: Pump Time _____ hrs. Type 40:60:2

10 1/2 A-S, S# KOL-SDX, S FL20 Excess _____
 Amt. 100 Skys Yield 1.35 ft³/sk Density 14.4 PPG _____

WATER: Lead _____ gals/sk Tail 5.82 gals/sk Total _____ Bbls: _____

Pump Trucks Used: 1492 CARRY DRILLING
 Bulk Equip: 2906-8760 JOHN KELLEY

FROM CONFIDENTIAL

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8" T.D. 4580 ft. P.B. to _____ ft.

CAPACITY FACTORS
 Casing: Bbls/Lin. ft. 0.244 Lin. ft./Bbl. 40.93
 Open Holes: Bbls/Lin. ft. 0.602 Lin. ft./Bbl. 16.59
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.309 Lin. ft./Bbl. 32.40
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip. Manufacturer: BAKER
 Shoe: Type CEMENT Depth 4575
 Float: Type FLY-FILL Depth 4543
 Centralizers: Quantity 12 Plugs Top _____ Btm. _____
 Stage Collars: BAKER DV @ 399
 Special Equip. 2 BASKETS
 Disp. Fluid Type H₂O Amt. 95 Bbls. Weight 109 PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE: CASEY COATS

CEMENTER: KEVIN BRUNSAU

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
10:00						ON LOCATION, RIG UP JOB SAFETY PROCEDURE
						RUN 5 1/2" CASING & CIRCULATE WITH RIG PUMP
1:30	450		7	7	5	RIG UP TO CEMENT PUMP START MUD SWEEP
	700		31	24	7	MUD SWEEP IN - START CEMENT
	400					CEMENT IN - STOP PUMPS CHANGE VALVES - FLUSH PUMPS & LINES
						CHANGE VALVES - RELEASE PLUG
	300				2	START DISPLACEMENT
	400		33	2	6	INCREASE RATE
	400		45	12	6	1420 IN - START MUD
	400		115	70	4	CEMENT TURNS SHOE
	700		125	10	4	GRADUAL P/T INCREASE
	600		130	5	4	SLOW RATE
	1400		140	10		BUMP PLUG
2:00						STATE REPORT AUG 30 1991 FLOAT HOLDS!
2:05						CONSERVATION DIV Wichita, Kansas DROP DART FOR DV TOOL!

FINAL DISP. PRESS: 700 PSI BUMP PLUG TO 1400 PSI BLEEDBACK 1/2 BBLs

THANK YOU



PO. Box 4442
Houston, Texas 77210

CONFIDENTIAL ORIGINAL

CEMENTING LOG

STAGE NO. 2

Date 7-24-90 District Med. Lodge Ticket No. 610952
 Company ROCCA EXPLOR. Rig ALLEN # 2
 Lease CRESS Well No. 3
 County RAMBER State KANSAS
 Location 7-3 1/2 - 12W Field _____
MENOWA SCHOOL 3 1/2 N, 1 E, 9 S

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2" Type USEN Weight 14# Collar ST-1
T.S.S. **RELEASED**

CEMENT DATA
 Spacer Type: 300 Gals. Keller Mid Sweep
 Amt. _____ Sk's Yield _____ ft³/sk Density _____ PPG _____
 LEAD: Pump Time _____ hrs. Type _____
 Amt. _____ Sk's Yield _____ ft³/sk Density _____ PPG _____
 TAIL: Pump Time _____ hrs. Type 40.60 2, 10/6A 5
7 1/2# HOI-SEAL, 5/8 FL-50 Excess _____
 Amt. 150 Sk's Yield 1.40 ft³/sk Density 14.3 PPG _____
 WATER: Lead _____ gals/sk Tail 5.92 gals/sk Total _____ Bbls _____
 Pump Trucks Used 1192 (CARRY D)
 Bulk Equip. 2906-B700 JOHN K

Casing Depths: Top _____ Bottom _____

FROM CONFIDENTIAL

Drill Pipe Size _____ Weight _____ Collars _____
 Open Hole Size 7 7/8" T.D. 4580 ft. P.B. to _____ ft.
 CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.244 Lin. ft./Bbl. 40.98
 Open Holes: Bbls/Lin. ft. 0.602 Lin. ft./Bbl. 16.59
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.309 Lin. ft./Bbl. 32.40
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer PAKER
 Shoe: Type CEMENT Depth 4575
 Float: Type FEEX-FIU Depth 4543
 Centralizers: Quantity 12 Plugs Top _____ Btm _____
 Stage Collars DV TOOL @ 3992'
 Special Equip. 2 BASKETS
 Disp. Fluid Type FRESH H2O Amt. 98 Bbls Weight 9.31 PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE CASEY COATS

CEMENTER KEVIN BRUNARD

TIME	PRESSURES:PSI		FLUID PUMPED DATA			REMARKS
	DRILL-PIPE-CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min.	
2:35	1100					OPEN D.V. TOOL + BREAK CRT
	300				5	REG UP TO CEMENT PUMP
	450		7	7	7	START MID SWEEP
	250		4 1/2	3 1/2	7	MID SWEEP IN - START CEMENT
						CEMENT IN - STOP PUMPS
						CHANGE VALVES - FLUSH PUMP LINES
						CHANGE VALVES - RELEASE PLUG
	100				2	START DISPLACEMENT
	100		46 1/2	2	6	INCREASE RATE
	50		99 1/2	53	4	SLOW RATE
	700		124 1/2	85	4	GRADUAL PRESSURE IN
	600		137 1/2	131	3	SLOW RATE
3:35	1200		142 1/2	5	0	BUMP PLUG
						RELEASE PST - FLOAT DOES NOT SET
	1500					REDUCE PRESSURE + RELEASE FOOT
						LOCKS!



B.J. TITAN SERVICES
LOAD SHEET

CONFIDENTIAL

JOB NUMBER: 500493 CONTRACT NUMBER: 610952 DATE: 7-23-90 DISTRICT NAME: Med. Code, Ks
DIRECT SHIPMENT FROM: Med. Code, Ks

CUSTOMER NAME AND ADDRESS: ROBBA EXPLOR
WICHITA, Ks
DIRECT SHIPMENT FROM: Med. Code, Ks
VENDOR NAME: ORIGINAL

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	RELEASED DIRECT SHIPPED	AMOUNT RETURNED
1	410504	CLASS A	Q	60	AUG 30 1991	
2	415018	FLYASH	Q	40	FROM CONFIDENTIAL	
3	420145	BT GEL	L	200		
4	415038	A-S	L	500		
5	415082	KOL-SEAL	L	500		
6	422514	FL-20	L	43		
7						
8		BACK FRONT CAN ↑				
9						
10		FRONT CAN ↓	Q			
11	410504	CLASS A	Q	90		
12	415018	FLYASH	Q	60		
13	420145	BT GEL	L	250		
14	415038	A-S	L	750		
15	415082	KOL-SEAL	L	1125		
16	422514	FL-20	L	64		
17						
18	425010	HEAVY M-VOL SWEEP	Q	600		
19						
20						
21						
22						
23						
24						
25						
26						
27						

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STATE CORPORATION COMMISSION
AUG 30 1990
CONSERVATION DIVISION
Wichita Kansas

COPY 1 - DISTRICT COPY
COPY 2 - CUSTOMER COPY
COPY 3 - HOUSTON

LOADED BY: NEAL, MAX K.B. CUSTOMER X
SIGNATURE: Kevin Pringle DATE: _____
SIGNATURE: _____

773-2627, Russell, Kansas
 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2512
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 10358
ORIGINAL

NEW

2-13-89	Sec. 7	Twp. 31	Range 12	Called Out	On Location 9:45 PM	Job Start 8:00 AM	Finish 3:00 AM
Gross	Well No. 1	Location Meddodge 6w 4N 1E			Bar	County Barber	State KS

a. Abercrombie Drly # 7

b. Surface Casing

zc. 12 1/4 T.D. 287'

zc. 8 5/8 Depth 285'

zc. Depth

zc. Depth

zc. Depth

zc. Depth

Left in Csg. 15' Shoe Joint

tax. Minimum

inc. Displace 16.84 BBI's

Owner Robba Expl. Inc.

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 Abercrombie Drly Inc.

Street 801 Union Center

City Wichita State Ks 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X Palmer Drilling

RELEASED

EQUIPMENT

195	Cementer <u>Phil</u>	FROM CONFIDENTIAL
	Helper <u>Jack</u>	
	Cementer	
	Helper	
116	Driver <u>Mike H.</u>	
	Driver	

CEMENT

Amount Ordered 170 SKS 60/40 2% ogel 3% ocl

Consisting of

Common	<u>10.2</u>	<u>5.00</u>	<u>510.00</u>
Poz. Mix	<u>6.8</u>	<u>2.25</u>	<u>153.00</u>
Gel.	<u>3</u>	<u>6.75</u>	<u>20.25</u>
Chloride	<u>5</u>	<u>20.00</u>	<u>100.00</u>
Quickset			

H of Job

Pump Trk Chg	<u>360.00</u>
Pump Trk Mid	<u>10.00</u>
8 5/8 Plug	<u>40.00</u>
Sub Total	
Tax	
Total	<u>410.00</u>

Handling	<u>170</u>	<u>90</u>	<u>153.00</u>
Mileage	<u>10</u>		<u>51.00</u>
Sub Total			
Total			<u>987.25</u>
Floating Equipment			
TOTAL #	<u>1397.25</u>		

cmnt. used Circulate!

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 CONSERVATION DIVISION
 Wichita, Kansas