

ORIGINAL

SIDE ONE

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

API NO. 15- 007-22,276-00-00  
County Barber  
C N/2 NE Sec. 8 Twp. 31 Rge. 12 X East West

Operator: License # 30217

4620 Ft. North from Southeast Corner of Section

Name: ROBBA EXPLORATION, INC.

1320 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Address 230 N. Market

Wichita, KS 67202

Lease Name GRESS Well # 2

City/State/Zip \_\_\_\_\_

Field Name Nurse NE

Purchaser: D & A

Producing Formation D & A

Operator Contact Person: Richard Robba

Elevation: Ground 1802 KB 1807

Phone (316) 264-6653

Total Depth 4720 PBDT --

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Richard A. Robba

Designate Type of Completion

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

If OWO: old well info as follows:

Operator: N/A

Well Name: \_\_\_\_\_

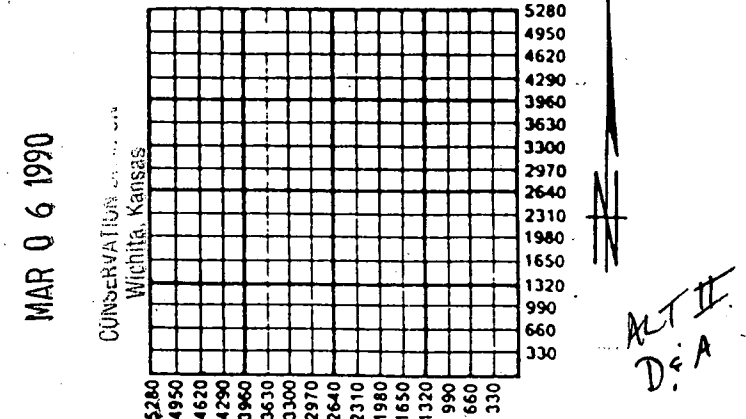
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

- Mud Rotary  Air Rotary  Cable

2/07/90 2/16/90 2/16/90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 271 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 Richard A. Robba  
Title President Date 3/6/90

Subscribed and sworn to before me this 5th day of March  
Jayanna M. Schaefer  
Notary Public  
Date Commission Expires 3-15-93

AUG 14 1990

RECEIVED  
STATE OF KANSAS  
CORPORATION COMMISSION  
Wichita, Kansas

**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)

ORIGINAL

SIDE TWO

Operator Name ROBBA EXPLORATION, INC. Lease Name GRESS Well # 2  
 Sec. 8 Twp. 31 Rge. 12  East  West  
 County Barber

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Formation Description</b> <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>TOPEKA</td> <td>3468</td> <td>-1661</td> </tr> <tr> <td>HEEBNER</td> <td>3683</td> <td>-1876</td> </tr> <tr> <td>MISSISSIPPI</td> <td>4408</td> <td>-2601</td> </tr> <tr> <td>SIMPSON</td> <td>4672</td> <td>-2865</td> </tr> </tbody> </table>	Name	Top	Bottom	TOPEKA	3468	-1661	HEEBNER	3683	-1876	MISSISSIPPI	4408	-2601	SIMPSON	4672	-2865
Name	Top		Bottom														
TOPEKA	3468		-1661														
HEEBNER	3683		-1876														
MISSISSIPPI	4408	-2601															
SIMPSON	4672	-2865															
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																

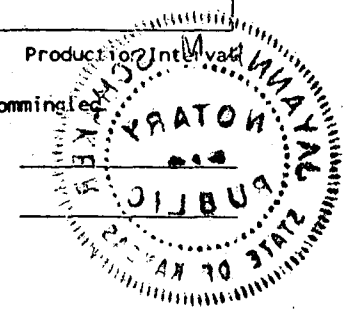
See Attached Sheet

CASING RECORD <input checked="" type="checkbox"/> New <input 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"	20#	271'	60/40Poz	165	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
	D&A						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	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:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Confinement  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_



DRILL STEM TESTS

ORIGINAL

No	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHH-FHH	RECOVER
1	5712-5752	44-44 50	1076-45	55-90 50	1057-60	1814-1770	181' GWLN 50,800' GEPD
2	5711-5762	70-86 50	1037-45	126-157 50	1004-45	1781-1743	515' GWLN 4,840' GEPD
5	5954-4005	57-1119 50	1596-45	152-220 45	1596-60	1969-1947	387' MW
4	4590-4442	69-69 45	100-60	69-69 45	90-60	2269-2208	60' GIP 40' DN
5	4544-4615	110-154	1115	187-209	1055	2257-2257	75' GIP 340' MW/shoo

REMARKS AND RECOMMENDATIONS: This well ran structurally favorable to the correlation well. The Douglas Sand reservoir did not have reservoir permeability. All significant shows drill stem tested non-commercial. After complete evaluation of all information, it was decided to plug and abandon this well.

Respectfully Submitted,  
*Richard A. Robba*  
 Richard A. Robba

AUG 14 1990

CONSERVATION DIVISION  
 Kansas



ORIGINAL

SERVICE OPERATIONS CONTRACT  
TERMS NET 30 DAYS FROM DATE OF CONTRACT

P.O. Box 4442, Houston, Tx. 77210  
REMIT TO: P.O. Box 200418, Houston, Tx. 77218

CUSTOMER ACCOUNT NO. <b>33660002</b>		DIST NUMBER <b>7350</b>		DATE <b>2-7-90</b>		SERVICE CONTRACT NO. <b>551676</b>	
CUSTOMER <b>Allen Drilling Service</b>				WELL NO. <b>2</b>		LEASE <b>Green</b>	
ADDRESS <b>Box 1389</b>				COUNTY/PARISH <b>Baker</b>		CODE <b>007</b>	STATE <b>Kans</b>
CITY <b>Great Bend</b>		STATE <b>Ks</b>		ZIP <b>67530</b>		FIELD NAME <b>Nurse #1E</b>	
AUTHORIZED BY <b>Vince Schlapel</b>				ORDER NO.		WELL OWNER <b>Robba Exploration</b>	
STAGE NO.		TYPE JOB <b>0100</b>		WORKING DEPTH <b>272</b> FT		PUMPING EQUIPMENT	
TOTAL PREV. GALS.		1 SURFACE <input checked="" type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		TRUCK CALLED		TIME (A OR P) <b>8:00 P</b>	
TOTAL MEAS. DEPTH		SIZE HOLE <b>12 1/4</b>		DEPTH <b>275</b> FT		ARRIVED AT JOB <b>1:00 P</b>	
FT.		SIZE & WT. CASING <b>8 5/8 29</b>		DEPTH <b>272</b> FT		START OPERATION <b>11:00 P</b>	
AVG. PSI		PACKER DEPTH		FLUID PUMPED		FINISH OPERATION <b>1:20 A</b>	
MAX. PSI		REVENUE EQUIPMENT (UNIT NUMBERS)		EMPLOYEES ON JOB (EMPLOYEE NUMBER)			
MAX. BPM		801997		506282			
S/S EMPLOYEE NUMBER		5		529244			
647028							

PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.

FEB 9 1990

Per...

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 TITAN SERVICES.

PRICE BOOK **07** SIGNED: *[Signature]*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
101102105	1	Pump Change	375.00	E	375.00
1101109005	20	Pump mileage	1.10	E	22.00
1109110509	99	Class A	5.30	Q	524.70
11091150118	66	Fly Ash	2.61	Q	172.26
1109115049	426	A7-P	.32	E	136.32
1109201145	284	B9 Gal	6.75	C	19.17
1109410101	75	Mileage 7.5 ton x 10 mi	.70	E	52.50
1108800101	165	Mixing Charge	.95	Q	156.75
110413105139	1	8 5/8 wooden Plug	17.00	E	17.00
					1975.70

SERVICE REPRESENTATIVE *[Signature]* 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.

**BJ-TITAN SERVICES**

P.O. BOX 4442 HOUSTON, TX 77219

**CEMENTING LOG**

STAGE NO.

**ORIGINAL**

Date 8-7-90 District Mad Lodge Ticket No. 551676  
 Company Allen Berg Inc Rig #2  
 Lease Basin Well No. 2  
 County Woods State Kans  
 Location Wingona School 2 1/2 mi S of Field Wingona #5  
3rd East 8-313-12 C-M-12

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 12 1/8 I.D. 275 ft. P.B. to 272 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. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skg Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60' 90' 2 3/8  
470 Excess \_\_\_\_\_

Amt. 105 Skg Yield 1.24 ft<sup>3</sup>/sk Density 14.8 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skg Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead 5.6 gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls

Pump Trucks Used BQ1492 LD

Bulk Equip. BSU2500 - B59116 915

Floater Equipment Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Floater: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plug Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp Fluid Type Fresh H<sub>2</sub>O Amt. 16 Bbls. Weight 839 PPG

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE Walter Schiepel

CEMENTER Neal Rupp

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
11:00P						Job and Safety Procedures
11:10	300		36.5	36.5	5"	Run 8 5/8 to 272 ft Break Circulation Big Pump Rig up to Pump Truck Stand Lead
11:15	100			14	2	Releases Plug Shut Down
11:30	200		16.	2		Cement to Surface Plug Down Shut Down
						Circulated Apr 10 hr

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 AUG 7 4 1990  
 WICHITA KANSAS

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.

THANK YOU  
NR

Phone 316-483-2627, Russell, Kansas  
 Phone 316-798-5861, Great Bend, Kansas

Phone Plainville 913-94-2111  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

No. 6853

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	2-16-90	Sec	8	Twp	31	Range	12	Called Out		On Location	8:30 PM	Job Start	10:30 PM	Finish	11:45 PM
Lease	Stress	Well No.	2	Location	Med Lodge 7 W 4 N 3 1/2 E			County	Baker	State	KS				
Contractor	Allen Drily # 2							Owner	Robba Exploration						
Type Job	Plug To Abandon (Rotary Drily)														
Hole Size	7 7/8		ID	4720'											
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	4 1/2		Depth	600'											
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf															

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: Robba Exploration  
 Street: 230 N. Market  
 City: Wichita State: Ks. 67202

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

Purchase Order No. *Mike Kern*

**CEMENT**

**EQUIPMENT**

Atk. And No.	Cementer	<i>Phil</i>
Pumptrk 195	Helper	<i>Jack</i>
No.	Cementer	
Pumptrk	Helper	
	Driver	<i>Curtis</i>
Bulktrk 116	Driver	

Amount Ordered	115 SKS 60140 6% age		
Consisting of			
Common	69	5.00	345.00
Poz. Mix	46	2.25	103.50
Gel.	7	6.75	47.25
Chloride			
Quickset			
Handling	115	.90	103.50
Mileage	15		51.75
Sub Total			651.00
Total			651.00

DEPTH of Job

Reference	Pump into Chy	360.00
	Pump Tub nly	151.00
	8 7/8 Plug	20.00
	Sub Total	531.00
	Tax	
	Total	395.00

Floating Equipment \$

TOTAL 1046.00

Disc - 156.90

**889.10**

Remarks: 50 SKS - 600'  
 40 SKS - 300'  
 10 SKS Plug 40'  
 15 SKS Curbles

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 Wichita, Kansas

T.O. Blowout Thank You!

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date December 1, 1989 ..... C.N/2 NE ..... Sec 8 : Twp 31 S, Rg 12 East  
month day year ..... X West

OPERATOR: License # 30217 .....  
Name: Robba Exploration, Inc. .....  
Address: 230 N. Market .....  
City/State/Zip: Wichita, Ks, 67202 .....  
Contact Person: Richard Robba .....  
Phone: (316)-264-6653 .....

..... 4620 ..... feet from South line of Section  
..... 1320 ..... feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5422 .....  
Name: Abercrombie Drilling, Inc. Allen Drilling .....

County: Barber .....  
Lease Name: Gress ..... Well #: #2 .....  
Field Name: Nurse NE .....

Well Drilled For: Well Class: Type Equipment:  
.X Oil ... Inj ... Infield X Mud Rotary  
.X Gas ... Storage ... Pool Ext. ... Air Rotary  
... OAWO ... Disposal ..X Wildcat ... Cable  
... Seismic; ... # of Holes

\* Is this a Prorated Field? X yes ... no  
Target Formation(s): Douglas, Mississippi .....  
Nearest lease or unit boundary: 330' .....  
Ground Surface Elevation: 1703 feet MSL  
Domestic well within 330 feet: ... yes X no  
Municipal well within one mile: ... yes X no  
Depth to bottom of fresh water: 200 .....  
Depth to bottom of usable water: 200 .....  
Surface Pipe by Alternate: ..X 1 ... 2  
Length of Surface Pipe Planned to be set: 250 .....  
Length of Conductor pipe required: none .....  
Projected Total Depth: 4700 .....  
Formation at Total Depth: Simpson .....  
Water Source for Drilling Operations: ... well ... farm pond ... other

If OAWO: old well information as follows:  
Operator: .....  
Well Name: .....  
Comp. Date: ..... Old Total Depth: .....

DWR Permit #: to be provided by contractor .....  
Will Cores Be Taken?: ... yes X no  
If yes, proposed zone: .....

Directional, Deviated or Horizontal wellbore? ... yes X no  
If yes, total depth location: .....

\* Excepted Location  
5/17/90 Exp.

200' Alt. I Req.

AFFIDAVIT

Vince Ed Shappell  
PUSHER Ed Shappell  
TD 4720 FORMATION SIMPSON  
SURFACE PIPE 8 5/8" @ 271'  
ANHYDRITE 570 ELEVATION  
STARTING TIME & DATE 11:00 PM 2-16  
COMPLETION TIME & DATE 11:45  
1st PLUG @ 600 FT. W/ 50 SX  
2nd PLUG @ 292 FT. W/ 40 SX  
3rd PLUG @ 40 FT. W/ 10 SX  
4th PLUG @ \_\_\_\_\_ FT. W/ \_\_\_\_\_ SX  
RAT HOLE CIRCULATED W/ 15 SX  
MOUSE HOLE CIRCULATED W/ \_\_\_\_\_ SX  
WATER WELL PLUGGED W/ \_\_\_\_\_ SX  
CEMENT COMPANY Alied  
TECHNICIAN R.L 2-15-90  
TYPE OF CEMENT 60/40 per 6%

spud 2-7-90  
surf 250+  
wand H2O

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STATE CORPORATION COMMISSION  
FEB 21 1990

5280	1650
4950	1320
4620	990
4290	660
3960	330
3630	
3300	
2970	
2640	
2310	
1980	
1650	
1320	
990	
660	
330	

spud date: \_\_\_\_\_ Agent: CONSERVATION DIVISION  
Wichita, Kansas

REMEMBER TO:

- file Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.