

ORIGINAL

SIDE ONE

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

Operator: License # 30217

Name: ROBBA EXPLORATION, INC.

Address 230 N. Market

Wichita, KS 67202

City/State/Zip

Purchaser: N/A

Operator Contact Person: Richard A. Robba

Phone (316) 264-6653

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Richard A. Robba

Designate Type of Completion
 New Well Re-Entry Workover

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

If O.W.O.: old well info as follows:
Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

3/04/91 3/12/91 3/13/91
Spud Date Date Reached TD Completion Date

API NO. 15- 007-229356-00-00

County Barber

NE SW NW Sec. 8 Twp. 31 Rge. 12 East West

3630 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

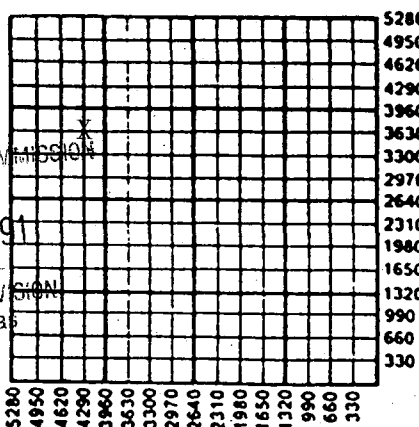
Lease Name GRESS Well # 6

Field Name Nurse

Producing Formation D & A

Elevation: Ground 1720 KB 1725

Total Depth 4531 PBTD --



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APR 22 1991

STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

AI/DRA

Amount of Surface Pipe Set and Cemented at 258 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 cnt.

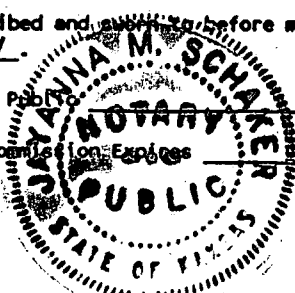
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 Geologist Date 4/8/91

Subscribed and sworn to before me this 19th day of April, 19 91.

Notary Public Joyanna M. Schaker
Date Commission Expires 3-15-93



K.C.C. OFFICE USE ONLY

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

Distribution

KCC S.W.D/Rep NGPA
 KGS Plug Other (Specify)

PT

Operator Name ROBBA EXPLORATION, INC. Lease Name GRESS Well # 6
 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.

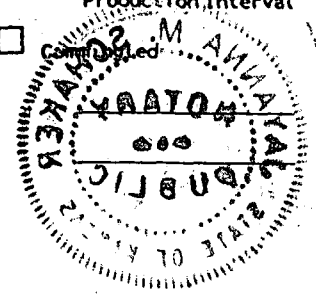
Drill Stem Tests Taken (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/> Log</td> <td style="text-align: center;"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> <tr> <td>TOPEKA</td> <td style="text-align: center;">3384</td> <td></td> </tr> <tr> <td>Heebner</td> <td style="text-align: center;">3614</td> <td></td> </tr> <tr> <td>Mississippi Lm</td> <td style="text-align: center;">4353</td> <td></td> </tr> <tr> <td>RTD</td> <td style="text-align: center;">4531</td> <td></td> </tr> </table>	Formation Description				<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample	Name	Top	Bottom	TOPEKA	3384		Heebner	3614		Mississippi Lm	4353		RTD	4531	
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RTD	4531																					

CASING RECORD <input 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#	258	60/40	165	4%cc 2%qe
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
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 Other (Specify) _____

Production Interval _____



ORIGINAL

DST #1 3638-3696 (Douglas)
Times op 30, cl 45, op 45, cl 60
IFP 142-152 FFP 203-243
ICIP 791 FCIP 862
HYD 1741-1671 Temp 115
Recovery: 630' GMSW

03-10-91 Drlg @ 4087, CFS @ 3857

03-11-91 DST #2 @ 4367, Hrs on bit 108 1/2

DST #2 4284-4367 (Mississippi)
Times op 30, cl 30, op 30, cl 30
IFP 60-60 FFP 71-71
ICIP 71 FCIP 0
HYD 2226-2165 Temp N/A
Recovery: 25' DM

03-12-91 RTD @ 4531 @ 5:15 a.m., pump mud from pits down, swedge on
sur pipe.
Plug by B.J. Titan
D & A

Robba Exploration

Crass #6

Api # 15-007-22,356

8-315-12w

RECEIVED
STATE CORP. AND COMMISSION
MAY 06 1991
CONSERVATION DIVISION
Wichita, Kansas

Date 3/12/91 District Med. Co. Co. Ticket No. 676239
 Company Rodco Explo Rig ARLEN #
 Lease CRSS Well No. 607NA
 County Franklin State KANSAS
 Location B-36-17W Field Nurse
WENONA SUNDY 3N, 2E
 CASING DATA
 Surface PTA Squeeze
 Intermediate Production Liner
 Size 3 1/8" Type _____ Weight 30# Collar _____
 Casing Depths: Top 61 Bottom _____
 Drill Pipe: Size 4 1/2" Weight 16.6# Collars XH
 Open Hole: Size 7 7/8" T.D. 4531 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. 042 Lin. ft./Bbl. 70
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA
 Spacer Type: FRESH 1120
 Amt: _____ Sks Yield _____ ft³/sk Density _____ PPG
 LEAD: Pump Time _____ hrs. Type CLASS A
3% A-7P, 2% BEL Excess _____
 Amt. 100 Sks Yield 1.34 ft³/sk Density 15.2 PPG
 TAIL: Pump Time _____ hrs. Type 40 60 6
 Excess _____
 Amt. 125 Sks Yield 1.33 ft³/sk Density 13.3 PPG
 WATER: Lead 6.5 gals/sk Tail 2.8 gals/sk Total 33.4 Bbls.
 Pump Trucks Used: 2902-6481 Max Roll
 Bulk Equip. 2904-3760 Ocul Pumping
 Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type DW 16 W/O Amt. _____ Bbls. Weight _____ PPG
 Mud Type HEXAGONAL Weight _____ PPG
 COMPANY REPRESENTATIVE VANCE SUNKEL CEMENTER KEVIN T. PLUMBING

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
8:30						ON LOCATION, RIG UP JOB & SAFETY MEETING
12:00	300				4 1/2	SPOT 100SX @ 7 1/2 @ 650' WAIT 4 HOURS + TAG CEMENT @ 260'
	250				4	RUN 250' DRILL PIPE + CIRCULATE CEMENT TO SURFACE WITH 100SX
6:30	100				4	CIRCULATE CEMENT TO SURFACE IN RATHOLE WITH 25SX

ANAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs
 Form No. SR 0502 (Rev. 3/90)
 Note: Must accompany job ticket.

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 STATE CORPORATION COMMISSION

THANK YOU

APR 22 1991

CONSERVATION DIVISION
 Wichita, Kansas



PO. Box 4442
Houston, Texas 77210

ORIGINAL CEMENTING LOG

STAGE NO.

Date 3-5-91 District MED 6000 Ticket No. 63638
 Company ALLEN DALL CO Rig CO TDS # 5
 Lease CRESS Well No. 6
 County BANKER State KANSAS
 Location B-315-120 Field NURSE
WINONA SCHOOL 3 1/2 N, 12 E

CASING DATA PTA Squeeze
 Surface R Intermediate Production Liner
 Size 3 1/8" Type NEW Weight 20# Collar ST+C

Casing Depths Top KB Bottom 259

Drill Pipe Size 4 1/2" Weight 16.6# Collars X41
 Open Hole Size 12 1/4" T.D. 265 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.652 Lin. ft./Bbl. 1.534
 Open Holes: Bbls/Lin. ft. 1.453 Lin. ft./Bbl. 0.685
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.235 Lin. ft./Bbl. 4.255
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA
 Spacer Type 5 Bbls FRESH H₂O
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

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

Amt. 165 Skys Yield 1.24 ft³/sk Density 14.3 PPG
 WATER: Lead _____ gals/sk Tail 5.6 gals/sk Total _____ Bbls

Pump Trucks Used 2902-6481 Max Ball
 Bulk Equip. 2903-6483 JUSTIN HANT

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth 259
 Float: Type _____ Depth 240
 Centralizers: Quantity _____ Plugs Top 1000 Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type FRESH H₂O Amt. 16 Bbls. Weight 3.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE VINCE SUNEPEL

CEMENTER JUSTIN HANT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
2:45						ON LOCATION RT 6 CP JOB - SAFETY MTO
						RUN 3 1/8" CASING & PEEK CIRCULATION
						RT 6 UP TO CEMENT PUMP
3:45	200		5	5	5 1/2	START FRESH H ₂ O
	300				5 1/2	FRESH H ₂ O IN - START CEMENT
	300				6 1/2	INCREASE RATE
			4 1/2	3 1/2	6 1/2	CEMENT IN - STOP PUMPS
						CHANGE VALVES - RELEASE PLUG
	50				2	START DISPLACEMENT
	100		4 3/4	2	4 1/2	INCREASE RATE
4:00	100		5 1/2	14	4 1/2	PLUG DOWN - STOP PUMP
						GET CEMENT TO GET CEMENT

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 APR 22 1991
 CONSERVATION DIVISION
 Wichita, Kansas

FINAL DISP. PRESS. _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

Form No. SR 0502 (Rev. 3/90)
 Note: Must accompany job ticket.

EFFECTIVE DATE: 3-6-91

15-007-22, 356-00-00

FORM MUST BE SIGNED

FORM MUST BE TYPED

NOTICE OF INTENTION TO DRILL

ALL BLANKS MUST BE FILLED

Must be approved by the Kansas State Corporation Commission

Expected Spud date: March 1 1991

NE SW NW sec 8. Twp 31S. S. Rg. 12. X West East

OPERATOR: License # 50217
Name: Robba Exploration, Inc.
Address: 230 N. Market
City/State/Zip: Wichita, Kansas 67202
Contact Person: Richard A. Robba
Phone: 316-264-6653

CONTRACTOR: License # 5418
Name: Allen Drilling Company

Well Drilled For: Well Class: Type Equipment:

Oil Inj Infield Mud Rotary
 Gas Storage Pool Ext. Air Rotary
 OWD Disposal Wildcat Cable
 Seismic; # of Holes

If OWD: old well information as follows:

Operator: NA
Well Name: NA
Comp. Dates: Old Total Depth

Directional, Deviated or Horizontal Wellbore? Yes No

If Yes, total depth location: 200' Alt. I Req.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with Kansas Statutes 101, et. seq. STATE CORPORATION COMMISSION

Drill # 25,939 EXP. 9/1/91 AFFIDAVIT

Pusher Vince Shuppel
SPUD DATE 3-4-91 INIT. RWL

LENGTH SURFACE PLANNED 250' 8 5/8"

RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbbs. when done bbbs.

RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 8 5/8 @ 258 CONDUCTOR
ANHYDRITE T- B- 670 ELEVATION 1720

TD 4531 FORMATION

RAN PIPE @ DV TOOL ALT II DONE
 SX SX Y N

Arbuckle Plug @ Ft. W/ SX

Hug./Council @ Ft. W/ SX

1 Anhydrite Base @ 660 Ft. W/ 180 SX

1/2 Base Anyh. @ Ft. W/ SX

1/2, 1/2 Plug @ Ft. W/ SX

2 Bottom Surface @ 290' Ft. W/ 50 SX

3 40' Plug @ 40 Ft. W/ 10 SX

RAT HOLE CIRC/W 20 SX MOUSE HOLE W/ SX

WATER WELL SX (Irr. Well Pond)

TECHNICIAN SP DATE 3-8-91

TYPE OF CEMENT 60/40 per 6" gel

STARTING TIME 12:30 (AM/PM) DATE 3-12-91

COMPLETION TIME 6:45 (AM/PM) DATE 3-13-91

CEMENT COMPANY By

MAR 15 1001
CONSULT
WICHITA