

SIDE ONE

ORIGINAL

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

Operator: License # 5046

Name: Raymond Oil Company, Inc.

Address P.O. Box 48788

City/State/Zip Wichita, KS 67201

Purchaser: _____

Operator Contact Person: Pat Raymond

Phone (316) 267-4214

Contractor: Name: Lobo Drilling Company

License: 5864

Wellsite Geologist: Timothy D. Hellman

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary Air Rotary Cable

8-30-90 09-06-90 09-05-90

Spud Date Date Reached TD Completion Date

API NO. 15- 007-22,329-00-00

County Barber

190' North & 50' West of the _____ East

C SE SW Sec. 18 Twp. 30 Rge. 13 West

660-850 Ft. North from Southeast Corner of Section

3300 3350 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

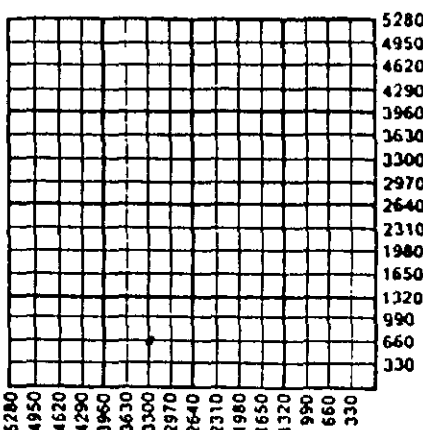
Lease Name Rauhut Well # 1 "A"

Field Name N/A

Producing Formation N/A

Elevation: Ground 1840 KB 1849

Total Depth 4670 PBTD _____



Amount of Surface Pipe Set and Cemented at 269' 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 Pat Raymond

Title Vice President Date 09-17-90

Subscribed and sworn to before me this 17th day of September, 19 90.

Notary Public Sharron A. Hill

Sharron A. Hill

Date Commission Expires July 28, 1991



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)

SEP 18 1990

9-18-90 Form ACO-1 (7-89)

SIDE TWO

Raymond Oil Company, Inc.

Lease Name Raubur

Well # 1 "A"

18 30 Rge. 13

East

County Barber

West

Record all important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving pressure, flow, tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, fluid recovery, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheets if needed. Attach copy of log.

Log tests taken (attach additional sheets.) Yes No

Log sent to Geological Survey Yes No

Log run Yes No

Log run by Yes No

Formation Description

Log & Sample

Name _____ Top _____ Bottom _____

SEE THE ATTACHED SHEET FOR TOPS

NO DRILL STEM TESTS

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

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	14-3/4"	10-3/4"	28#	269'	60/40poz	225	2% gel 3% cc.

PERFORATION RECORD

Specify footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Interval	Perforation	Acid, Fracture, Shot, Cement Squeeze	Depth

Size Set At Packer At Liner Run Yes No

Production Method Flowing Pumping Gas Lift Other (Explain)

N/A - D&A

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

METHOD OF COMPLETION

Production Interval

Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Used on Lease (If not, submit ACO-18.)

ORIGINAL

RAYMOND OIL COMPANY, INC.
RAUHUT #1
Section 18-30S-13W,
Barber County, Kansas

TOPS

	SAMPLE	LOG	DATUM
Heebner	3753 (-1907)	3751	(-1905)
Toronto	3776 (-1930)	3769	(-1923)
Brown Lime	3936 (-2090)	3936	(-2090)
Lansing	3949 (-2103)	3946	(-2100)
BKC	4342 (-2496)	4344	(-2498)
Marmaton	4350 (-2504)	4359	(-2513)
Mississippi Chert	Absent		
Kinderhook Chert	4437 (-2591)	4435	(-2589)
Kinderhook Shale	4457 (-2611)	4457	(-2611)
Viola	4499 (-2653)	4495	(-2649)
Simpson Shale	4610 (-2764)	4611	(-2765)
Simpson Sand	4646 (-2800)	4636	(-2790)
RTD	4670 (-2824)		
LTD		4671	(-2825)

SEP 18 1990

ORIGINAL

HALLIBURTON SERVICES

ORIGINAL

P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
936416	09/06/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BARBER A 1		BARBER		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
PRATT		LOBO DRILL CO		PLUG TO ABANDON		09/06/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
728590	T J ARIN				COMPANY TRUCK	0117

RAYMOND OIL CO INC
P.O. BOX 48788
WICHITA, KS 67201

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	22	MI	2.35	51.70
090-910	MISCELLANEOUS PUMPING JOB	1	UNT		
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	1	TRK	370.00	370.00
		1	HR	54.00	54.00
504-508	STANDARD CEMENT	108	SK	5.35	577.80
506-105	POZMIX A	72	SK	2.75	200.88
506-121	HALLIBURTON-CEL 2%	3	SK	.00	N/C
507-277	HALLIBURTON-CEL BENTONITE	6	SK	13.75	82.50
500-207	BULK SERVICE CHARGE	192	CFT	1.10	211.20
500-306	MILEAGE CRTG MAT DEL OR RETURN	180.5	TM1	.75	135.38
INVOICE SUBTOTAL					1,713.46
DISCOUNT-(BID)					257.00
INVOICE BID AMOUNT					1,456.46
*-KANSAS STATE SALES TAX					61.99
*-PRATT COUNTY SALES TAX					14.57
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,532.93

SEP 18 1990

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT

ORIGINAL

DRILLER'S WELL LOG

DATE COMMENCED: August 30, 1990
DATE COMPLETED: September 6, 1990

Raymond Oil Company, Inc.
RAUHUT #1-A
C SE SW
Sec. 18, T30S, R13W
Barber County, Ks.

ELEVATION: 1849 K.B.

0 - 70' Surface Soil, Sand
70 - 273' Red Bed, Shale
273 - 4480' Shale & Lime
4480 - 4587' Chert & Lime
4587 - 4670' Shale & Sand
4670' RTD

Surface Pipe: Set used
10-3/4", 28# pipe @269'
w/225 sacks 60/40pozmix
2% gel 3% cc.

A F F I D A V I T

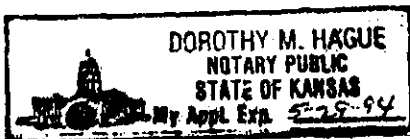
STATE OF KANSAS
COUNTY OF BARTON) ss

Ervin Neighbors of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Ervin Neighbors

Subscribed and sworn to before me this 10 day of September 1990.

Dorothy M Hague
Notary Public



SEP 18 1990

ORIGINAL

HALLIBURTON SERVICES

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
999970	08/30/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
KAUHUT A-1		BARBER		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	LOBO DR LG CO	CEMENT SURFACE CASING		08/30/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
726590	ERVIN NEIGHBORS			COMPANY TRUCK	00938

RAYMOND OIL CO INC
P.O. BOX 48788
WICHITA, KS 67201

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	22	MI	2.35	51.70
		1	UNT		
001-016	CEMENTING CASING	270	FT	440.00	440.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	10	3/4 IN	91.00	91.00
		1	EA		
504-308	STANDARD CEMENT	135	SK	5.35	722.25
506-105	POZMIX A	90	SK	2.79	251.10
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	25.75	154.50
500-207	BULK SERVICE CHARGE	237	CFT	1.10	260.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	222.39	TMI	.75	166.79
	INVOICE SUBTOTAL				2,138.04
	DISCOUNT-(BID)				427.60-
	INVOICE BID AMOUNT				1,710.44
	*-KANSAS STATE SALES TAX				52.88
	*-PRATT COUNTY SALES TAX				12.45
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$1,775.77

SEP 18 1990

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT

EFFECTIVE DATE: 9-2-90

FORM MUST BE TYPED
FORM C-1 4/90

State of Kansas 15-007-22, 329-00-00

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

NOTICE OF INTENTION TO DRILL

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

Expected Spud Date August 30, 1990
month day year

C SE SW Sec 18 Twp 30 S, Rg 13 East West

OPERATOR: License # 5046
Name: Raymond Oil Company, Inc.
Address: P. O. Box 48788
City/State/Zip: Wichita, KS 67201
Contact Person: Pat Raymond
Phone: 316-267-4214

660 feet from South line of Section
3300 feet from East line of Section
(Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License # 5864
Name: Lobo Drilling

County: Barber
Lease Name: Rauhut Well #: 1 "A"
Field Name: Knackstedt

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

Is this a Prorated Field? ... yes no
Target Formation(s): Mississippi/Viola
Nearest lease or unit boundary: 660
Ground Surface Elevation: 1840 estimated feet MSL
Domestic well within 330 feet: ... yes no
Municipal well within one mile: ... yes no

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

Depth to bottom of fresh water: 125'
Depth to bottom of usable water: 220'
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 270'
Length of Conductor pipe required: N/A
Projected Total Depth: 4675'
Formation at Total Depth: Simpson
Water Source for Drilling Operations: well farm pond other

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

DWR Permit #: _____
Will Cores Be Taken?: ... yes no
If yes, proposed zone: _____

Exp. 2/28/91

AFFIDAVIT

240' Alt. I Req.

Pusher Ervin Neighbors
SPUD DATE 8-29-90 INIT. GB

LENGTH SURFACE PLANNED _____
RESERVE PIT STATUS- REMOVE FLUID _____ LINED _____
after salt sect. _____ bbls. when done _____ bbls.

RATHOLED AHEAD? Y N SIZE HOLE _____
SURFACE PIPE 10 3/4 @ 269 CONDUCTOR _____
ANHYDRITE T- B ELEVATION _____

TD 4671 FORMATION Simpson

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

Arbuckle Plug @ _____ Ft. W/ _____ SX

Hug./Council @ _____ Ft. W/ _____ SX

Anhydrite Base @ 760 Ft. W/ 70 SX

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

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

Bottom Surface @ 300 Ft. W/ 70 SX

40' Plug @ 46 Ft. W/ 15 SX

RAT HOLE CIRC/W 15 SX MOUSE HOLE W/ 10 SX

WATER WELL _____ SX (Irr. Well _____ Pond _____
Hauling _____)

TECHNICIAN R.L. DATE 9-4-90

TYPE OF CEMENT _____ 60-40-670

STARTING TIME 3:30 (AM/PM) DATE _____

COMPLETION TIME 6:02 (AM/PM) DATE 9-6-90

CEMENT COMPANY Lobo

SEP 10 1990