

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

ORIGINAL

API NO. 15- 083-21437 0000

County Hodgeman County, Kansas

SW - SW - NE - Sec. 25 Twp. 22S Rge. 22 W XX

2310 Feet from S (circle one) Line of Section

2310 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name Ruby Well # 1

Field Name Ruff

Producing Formation Dry

Elevation: Ground 2271' KB 2280'

Total Depth 4630' PBDT Surface

Amount of Surface Pipe Set and Cemented at 232 feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat

Drilling Fluid Management Plan D&A 9K 10-10-97
(Data must be collected from the Reserve Pit)

1-10-97

Chloride content _____ ppm Fluid volume _____

Deaerating method used _____

Location of fluid disposal is hauled off site

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E 1/4

County _____ Docket No. _____

Operator: License # 9228

Name: Marlin Oil Corporation

Address P.O. Box 14630

City/State/Zip Oklahoma City, OK 73113-0630

Purchaser: _____

Operator Contact Person: W.R. Lynn

Phone (405) 478-1900

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Bob Lewellyn

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Cemented Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

12-08-96 12-16-96 12-17-96

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 [Signature]

Title Agent Date 1-2-97

Subscribed and sworn to before me this 10th day of January, 1997.

Notary Public Leslie Dukes

Date Commission Expires 6-30-98

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC _____ SWD/Rep _____ KCPA _____
 KGS _____ Plug _____ Other _____
 (Specify)

Operator Name Marlin Oil Corporation

Lease Name Ruby

Well # 1

Sec. 25 Twp. 22S Rge. 22

East

County Hodgeman County, Kansas

West

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.)

List All Logs Run:

- Compensated Neutron-Density Log
- Dual Induction Electric Log
- Micro-Resistivity Log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Stone Corral Anhydrite	1426	(+854)
Chase	2405	(-125)
Council Grove	2757	(-477)
Topeka	3544	(-1264)
Lansing	3922	(-1642)
Kansas City	4097	(-1817)
Marmaton	4283	(-2003)
Cherokee	4481	(-2201)
Miss. Osage	4533	(-2253)

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
Surface	12-1/4"	8-5/8"	24#	232'	60/40 Poz	165	3%cc 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Resumed Production, SWD or Inj] D & A Producing Method flowing Pumping Gas Lift Other (Specify)

Estimated Production Per 24 Hours Oil N/A Bbls Gas N/A Mcf Water N/A Bbls Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACD-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

ALLIED CEMENTING CO., INC. -4781

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: At Brand

DATE <u>12-17-96</u>	SEC. <u>25</u>	TWP. <u>22</u>	RANGE <u>22</u>	CALLED OUT <u>1:30 AM</u>	ON LOCATION <u>3:00 AM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>8:15 AM</u>
LEASE <u>Rudg</u>	WELL # <u>1</u>	LOCATION <u>Hanston, 1/4 S, 2 E, 5/8 S</u>			COUNTY <u>Hodgeman</u>	STATE <u>Ks</u>	

CONTRACTOR Dude #4 OWNER Marlin Oil Corp.

TYPE OF JOB Return Plug CEMENT

HOLE SIZE 7 7/8" T.D. 4130'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 1458'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

AMOUNT ORDERED 175 lbs 60/40, 60/20, 2 1/4" flanged / etc.

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER Team D

HELPER _____

BULK TRUCK _____

DRIVER _____

BULK TRUCK _____

DRIVER _____

REMARKS:

Mixed - 50 lbs @ 1458'

50 lbs @ 730'

50 lbs @ 210'

10 lbs @ 40'

15 lbs in backhole

SERVICE

DEPTH OF JOB 1458'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG 8 3/8" Plug hole _____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Dude Duly

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE X Tick W. D.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

KANSAS 67665

STATE OF KANSAS
STATE CORPORATION COMMISSION
130 South Market, Room 2078
Wichita, Kansas 67202-3802

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-083-21437 0000

LEASE NAME Ruby

WELL NUMBER J

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

2970 Ft. from S Section Line

2310 Ft. from E Section Line

SEC. 25 TWP. 22SRGE. 22 ~~XXXX~~(W)

COUNTY Hodgeman

Date Well Completed 12-17-96

Plugging Commenced 12-17-96

Plugging Completed 12-17-96

LEASE OPERATOR Marlin Oil Corporation

ADDRESS P.O. Box 14630 Oklahoma City, OK 73113-0630

PHONE#(405) 478-1900 OPERATORS LICENSE NO. 9228

Character of Well D&A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on December 16, 1996 (date)

by Bill Johnson (KCC District Agent's Name).

Is ACO-1 filed? Yes If not, is well log attached? _____

Producing Formation Dry Depth to Top _____ Bottom _____ T.D. 4630'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
				8 5/8"	232'	none

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from ___ feet to ___ feet each set

- 1st Plug: 1458' w/50 sacks cement thru drill pipe
- 2nd Plug: 730' w/50
- 3rd Plug: 260' w/50
- 4th Plug: 40' w/10
- Rathole w/15

Name of Plugging Contractor _____ License No. _____

Address _____

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Marlin Oil Corporation

STATE OF Oklahoma COUNTY OF Oklahoma, ss.

W. R. Lynn (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, sais: That I have knowledge of the facts, staatements and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) [Signature]

(Address) P.O. Box 14630, OKC, OK 73113-0630

SUBSCRIBED AND SWORN TO before me this 6th day of January, 1997

[Signature]
Notary Public

My Commission Expires: 6-30-98

ORIGINAL

DST REPORT

15-083-21437-0000

GENERAL INFORMATION

DATE : 12/15/96	TICKET : 22378
CUSTOMER : MARLIN OIL CORPORATION	LEASE : RUBY
WELL : #1 TEST: 1	GEOLOGIST: LEWELLYN
ELEVATION: 2271 GL	FORMATION: MISSISSIPPI
SECTION : 25	TOWNSHIP : 22S
RANGE : 22W COUNTY: HODGEMAN	STATE : KS
GAUGE SN#: 13548 RANGE : 4075	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4498.00 ft	TO: 4535.00 ft	TVD: 4535.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4499.0 ft	4502.0 ft	
TEMPERATURE: 124.0		
DRILL COLLAR LENGTH: 240.0 ft	I.D.:	2.200 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 4236.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 22.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 37.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH: 4493.0 ft	SIZE:	6.630 in
PACKER DEPTH: 4498.0 ft	SIZE:	6.630 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : DUKE DRLG RIG 4	VISCOSITY : 47.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 11.200 cc
WEIGHT : 9.600 ppg	SERIAL NUMBER:
CHLORIDES : 5100 ppm	REVERSED OUT?: YES
JARS-MAKE :	
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 1 MINUTE.
 FINAL FLOW PERIOD STRONG BLOW IN 2 MINUTES.

ORIGINAL

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
110.0	1.0	0.0	59.0	40.0	SLIGHTLY OIL C/MUDDY WTR
2840.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 20000 PPM

RATE INFORMATION

OIL VOLUME:	0.0154 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.4114 STB/D
MUD VOLUME:	0.6172 STB	AVERAGE WATER RATE:	625.8245 STB/D
WATER VOLUME:	38.5072 STB		
TOTAL FLUID :	39.1397 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2173.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	334.00	804.00
INITIAL SHUT-IN	60.00		1365.00
FINAL FLOW	60.00	989.00	1274.00
FINAL SHUT-IN	90.00		1365.00

FINAL HYDROSTATIC PRESSURE: 2173.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2223.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	319.96	807.23
INITIAL SHUT-IN	60.00		1368.60
FINAL FLOW	60.00	997.57	1318.36
FINAL SHUT-IN	90.00		1377.64

FINAL HYDROSTATIC PRESSURE: 2176.00

ROBERT C. LEWELLYN
PETROLEUM GEOLOGIST
P. O. Box 2608
Wichita, Kansas 67201-2608
(316) 744-2567

ORIGINAL *File*

GEOLOGICAL REPORT

Marlin Oil Corporation
No. 1 Ruby
SW SW NE Sec. 25-22S-22W
Hodgeman County, Kansas

15-083-21437-0000

SPUDDED: December 08, 1996
DRILLING COMPLETED: December 17, 1996
SURFACE CASING: 8 5/8" @ 232/KBM
ELECTRIC LOGS: Halliburton, DIL, ML, CDN, CAL
ELEVATIONS: 2280 KB 2279 DF 2271 GL
FORMATION TOPS: (Electric Log)

Stone Corral Anhydrite	1426 (+ 854)
Base Anhydrite	1447 (+ 833)
Base Wellington Salt	2387 (- 107)
Herington	2405 (- 125)
Krider	2425 (- 145)
Winfield	2465 (- 185)
Towanda	2535 (- 255)
Fort Riley	2594 (- 314)
Wreford	2726 (- 446)
Council Grove	2757 (- 477)
Cottonwood	2939 (- 659)
Red Eagle	3007 (- 727)
Foraker	3069 (- 789)
Pennsylvanian (Brownville)	3148 (- 898)
Stotler	3297 (-1017)
Tarkio	3343 (-1063)
Bern	3431 (-1151)

TRANScribed
MAY 10 PM 1996

Howard	3479 (-1199)
Topeka	3544 (-1264)
Heebner	3857 (-1577)
Toronto	3877 (-1597)
Lansing	3922 (-1642)
Kansas City	4097 (-1817)
Base Kansas City	4260 (-1980)
Marmaton	4283 (-2003)
Pawnee	4374 (-2094)
Fort Scott	4456 (-2176)
Cherokee Shale	4481 (-2201)
Conglomerate	absent
Mississippian Osage	4533 (-2253)
Electric Log Total Depth	4632 (-2352)

ORIGINAL

RECEIVED
KANSAS OIL & GAS
1991 JUN 10 P 12

Samples were examined microscopically from 2200 feet to Rotary Total Depth (4630), and samples from potentially productive zones were examined wet under a fluoroscope and checked for oil cut. A gas detector unit from MBC Logging was in service at the wellsite from 2100 feet to Rotary Total Depth. Positive gas detector readings were recorded as noted below in the Krider, Red Eagle, and Foraker section. Other than these three sections, no valid positive gas detector readings were recorded by the detector during the drilling of the No. 1 Ryan. Following is a description of zones of interest, oil and gas shows, tests, etc:

CHASE GROUP

2414-2420 (Herington) Limestone, dolomitic, and dolomite, buff, fine to medium crystalline, partly fossiliferous, fair to good intercrystalline porosity, no show of oil or gas.

2430-2437 (Krider) Limestone and dolomitic limestone, some dolomite, buff, dense to finely crystalline, some medium crystalline with scattered poor intercrystalline porosity, no show of oil or gas in samples. This zone exhibited a 17 unit positive gas reading on the hot wire detector and a 12 unit positive gas reading on the chromatograph detector.

2465-2476 (Winfield) Limestone, gray-buff to mottled, finely to medium crystalline, slightly fossiliferous, cherty in part, poor intercrystalline porosity, no show of oil or gas.

2544-2549 (Towanda) Limestone, buff to gray, slightly dolomitic, finely crystalline, scattered poor intercrystalline porosity, no show of oil or gas.

2598-2608 (Fort Riley) Limestone, buff to tan, finely crystalline, some medium crystalline, some dense, slightly fossiliferous, scattered poor to fair intercrystalline porosity, no show of oil or gas.

COUNCIL GROVE GROUP

2939-2947 (Cottonwood) Limestone, very slightly dolomitic, buff, finely crystalline and partly

fossiliferous (fusulinid), fair vugular and interfossil porosity, no show of oil or gas.

3007-3033 (Red Eagle) Limestone, partly dolomitic, slightly fossiliferous, fair pinpoint and intercrystalline porosity, some fair interfossil porosity, trace of chalky limestone, no show of oil or gas in samples. This zone exhibited a positive gas reading of seven units on the hot wire detector and five units on the chromatograph detector.

3076-3086 (Foraker) Limestone, buff-gray to mottled, fine to medium crystalline, partly fossiliferous, fair interfossil and intercrystalline porosity, no show of oil or gas in samples. This zone exhibited a positive gas reading of 14 units on the hot wire detector and 13 units on the chromatograph detector.

WABAUNSEE GROUP

3488-3493 (Howard) Limestone, buff to gray, dense to finely crystalline, some finely oolitic scattered poor ooliticastic porosity, no show of oil or gas.

SHAWNEE GROUP

3544-3857 (Topeka-Oread) The Topeka section consisted of cream to buff, finely crystalline and chalky limestones grading to occasional buff to tan dense limestones. Numerous zones of poor to fair intercrystalline and pinpoint porosity were present in the section, but no shows of oil or gas were observed throughout this interval.

LANSING GROUP

3922-3933 (A zone) Limestone, buff to tan to dark brown, mottled in part, dense, cherty in part, some finely crystalline, mostly tight, no show of oil or gas.

3944-3951 (B zone) Limestone, cream to buff, some mottled tan, dense to finely crystalline, some medium crystalline with poor to fair intercrystalline porosity, no show of oil or gas.

3974-3988 (C/D zone) Limestone, cream to buff, some tan, dense to sub-lithographic, some fine to medium crystalline, slightly cherty, poor to fair vugular porosity with scattered isolated vugs, zone becomes dense in lower portions, no show of oil or gas.

3998-4002 (E zone) Limestone, tan to dark brown "resinous", dense to sub-lithographic, no visible porosity, no show of oil or gas.

4006-4010 (F zone) Limestone, buff to tan, some dark brown to mottled, fine to medium crystalline, slightly fossiliferous, oolitic in part, poor to fair intercrystalline porosity with scattered vugular porosity, no show of oil or gas.

4057-4072 (G zone) Limestone, buff, fine to medium crystalline and chalky, much oolitic with scattered poor ooliticastic porosity and isolated large oolcasts and vugs, zone becomes dense

with much cream chalk in lower portion, no shows of oil or gas.

KANSAS CITY GROUP

4098-4104 (H zone) Limestone, buff to tan and brown, some mottled, dense, some fine to medium crystalline, some dense-oolitic, some oolitic with poor ooliticastic porosity, zone becomes dense in base, no shows of oil or gas were present in this zone.

4125-4128 (I zone) Limestone, buff to tan, some brown to mottled, dense, slightly cherty, zone is mostly tight, no show of oil or gas.

4152-4166 (J zone) Limestone, cream to buff, finely crystalline and oolitic to finely oolitic. Good ooliticastic porosity, no show of oil or gas. Some cream, chalky to dense, mostly tight, with no show of oil or gas.

4194-4202 (K zone) Limestone, cream to buff, dense to finely crystalline with much chalk, some tan, dense limestone, mostly tight, no show of oil or gas.

4237-4245 (L zone) Limestone, buff to tan, dense, much cream chalky, some finely crystalline and very slightly oolitic, scattered poor vugular porosity in upper section, grading to dense, tight limestone in lower portion, no show of oil or gas.

MARMATON GROUP

4283-4456 The Lenapah, Altamont, and Pawnee sections of the Marmaton consisted of buff to tan to brown mottled, dense, tight limestones. Some scattered oolitic and partly fossiliferous limestones were also present in the section. This interval was generally tight, containing no porosity of any consequence, and no shows of oil or gas were present within the section.

4456-4481 (Fort Scott) Limestone, buff to tan, some brown, some mottled, dense, some finely crystalline, mostly tight, no show of oil or gas.

CHEROKEE GROUP

4485-4506 Limestone, buff to tan and brown, trace of mottled, dense, trace of finely crystalline, rare trace of poor spotted stain in dense tight limestone. Show and porosity of insufficient quality to warrant further consideration.

CONGLOMERATE

A small amount of chert was found just above the Mississippi in the lower Cherokee shale section but no Conglomerate section per se, i.e. various and varicolored cherts and shales, was present throughout this interval.

MISSISSIPPIAN OSAGE

4533-4537 Chert, white to light bluish gray, opaque, mostly fresh, sharp, some slightly speckled, 10% tripolitic chert with trace of poor to fair vugular and weathered "edge" porosity, fair show of free oil, good odor, fair cut, poor to fair gold fluorescence, fair to good spotted stain. Lower portion becomes 10-15% tripolitic with opaque to sub-translucent, white to light bluish gray fresh chert with shows of oil diminishing with depth. Shows have mostly disappeared and some gilsonite is present by 4564.

DST No. 1 Open 30"; shut in 60"; open 60"; shut in 90"; initial flow built to strong blow in one 4498-4535 minute, second flow built to strong blow in two minutes; recovered 110 feet of slightly oil cut muddy water (1% oil, 40% mud, 59% water) and 2840 feet of water (chlorides 20,000 ppm, mud chlorides 5,100 ppm).
IFP 334-804# FFP 989-1274# ISIP 1365# FSIP 1365#

GILMORE CITY

4603-4630 Limestone, buff to tan, dense and dense-oolitic, some finely crystalline, partly oolitic limestone, slightly cherty, some dark brown dense limestone. Section is tight with no shows of oil or gas.

4630 ROTARY TOTAL DEPTH

RECOMMENDATIONS

Sample examination, a combination hot wire-chromatograph gas detector, electric logging and drill stem testing revealed no zones of potential commercial production of oil or gas in the No. 1 Ruby. In consideration of the foregoing, it was recommended that this well be plugged and abandoned. Permission for plugging was granted and plugging was completed on December 17, 1996.

Respectfully submitted,

Robert C. Lewellyn
Petroleum Geologist

RECEIVED
MISSISSIPPIAN
SECTION
DEC 10 1996