

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

Operator: License # 9228

Name: Marlin Oil Corporaion

Address P.O. Box 14630

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

Purchaser: N/A

Operator Contact Person: W.R. Lyon

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 used as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Depth _____

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

11-26-96 12-04-96 12-05-96
Spud Date Date Reached TD Completion Date

API NO. 15- 083-21436 0000

County Hodgeman County, Kansas

C N/2 NW NW Sec. 30 Twp. 22S Rge. 21 XXV^E

330 Feet from S/(circle one) Line of Section

750 Feet from E/(circle one) Line of Section

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

Lease Name Ryan Well # 1-30

Field Name Wildcat

Producing Formation None

Elevation: Ground 2242' KB 2251'

Total Depth 4600' PBTB 4650'

Amount of Surface Pipe Set and Cemented at 228' 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 cat.

Drilling Fluid Management Plan DEA 021 7-17-97
(Data must be collected from the Reserve Pit)

Chloride content 1-13-97 ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name KCC

Lease Name DEC 7 License No. _____

Quarter Sec. Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

RELEASED

APR 6 1998

FROM CONFIDENTIAL

CONFIDENTIAL

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 1-6-97

Subscribed and sworn to before me this 9th day of January 19 97.

Notary Public [Signature]

Date Commission Expires 6-30-98

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

Operator Name Marlin Oil Corporation

Lease Name Ryan Well # 1-30

Sec. 30 Twp. 22S Rgd. 21
 East
 West

County Hodgeman County, Kansas

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 sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Stone Corral Anhy.	1388	(+865)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Chase	2382	(-129)
List All E.Logs Run:		Council Grove	2728.	(-475)
Compensated Neutron-Density Log		Topeka	3509	(-1256)
Dual Induction Electric Log		Lansing	3882	(-1629)
Micro-Resistivity Log		Kansas City	4055	(-1802)
		Marmaton	4250	(-1997)
		Cherokee	4443	(-2190)
		Miss. Osage	4498	(-2245)

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"	25#	228'	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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			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 Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

ALLIED CEMENTING CO., INC.

1536

ORIGINAL

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

CONFIDENTIAL

SERVICE POINT:

Ht Bend

DATE <i>12-5-96</i>	SEC. <i>30</i>	TWP. <i>22</i>	RANGE <i>21</i>	CALLED OUT <i>10:30 AM</i>	ON LOCATION <i>12:00 PM</i>	JOB START <i>1:15 PM</i>	JOB FINISH <i>3:00 PM</i>
LEASE <i>None</i>	WELL # <i>1</i>	LOCATION <i>Hampton, 1/2 mile SW, 2E, S/5</i>			COUNTY <i>Hodgeman</i>	STATE <i>Ka</i>	

OLD OR NEW (Circle one)

CONTRACTOR *Dude #4*

TYPE OF JOB *Rotary Plug*

HOLE SIZE *7 7/8"* T.D. *4600'*

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE *4 1/2"* DEPTH *1430'*

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER *Marlin Oil Corp.*

CEMENT _____

AMOUNT ORDERED *175 lbs 40/40 620 Hbl.*

1/4" flow/rl

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER *Tom D*

224 HELPER *Bob N*

BULK TRUCK _____

69 DRIVER *Dewayne*

BULK TRUCK _____

_____ DRIVER _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

RELEASED

DEC 6 1998

FROM CONFIDENTIAL

TOTAL _____

REMARKS:

Mixed - 50 lbs @ 1430'

60 lbs @ 520'

40 lbs @ 250'

10 lbs @ 40'

15 lbs in Ratchet

[Signature]

SERVICE

DEPTH OF JOB *1430'*

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG *1-8 3/8" Dryhole*

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: *Dude Donly*

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 *[Signature]*

DEC 7
CONFIDENTIAL

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

RELEASED

APR 6 1998

FROM CONFIDENTIAL

GEOLOGICAL REPORT

15-083-21436-0000

Marlin Oil Corporation
No. 1 Ryan
330' FNL & 660' FWL
Section 30-22S-21W
Hodgeman County, Kansas

SPUDDED:	November 25, 1996
DRILLING COMPLETED:	December 05, 1996
SURFACE CASING:	8 5/8" @ 228' KBM
ELECTRIC LOGS:	BPB Logging, DIL, CNL-CDL-GR, ML
ELEVATIONS:	2253 KB 2252 DF 2244 GL

KCC
DEC 7
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FORMATION TOPS: (Electric Log)

Stone Corral Anhydrite	1388 (+ 865)
Base Anhydrite	1411 (+ 842)
Base Wellington Salt	2365 (- 112)
Herington	2382 (- 129)
Krider	2400 (- 147)
Winfield	2438 (- 185)
Towanda	2505 (- 252)
Fort Riley	2562 (- 309)
Wreford	2697 (- 444)
Council Grove	2728 (- 475)
Cottonwood	2908 (- 655)
Red Eagle	2976 (- 723)
Foraker	3038 (- 785)
Pennsylvanian (Brownville)	3119 (- 866)
Stotler	3259 (-1006)
Tarkio	3308 (-1055)

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Bern	3398 (-1145)
Howard	3446 (-1193)
Topeka	3509 (-1256)
Hecbner	3829 (-1576)
Toronto	3846 (-1593)
Lansing	3882 (-1629)
Kansas City	4055 (-1802)
Base Kansas City	4230 (-1977)
Marmaton	4250 (-1997)
Pawnee	4339 (-2086)
Fort Scott	4418 (-2165)
Cherokee Shale	4443 (-2190)
Conglomerate	4492 (-2239)
Mississippian Osage	4498 (-2245)
Electric Log Total Depth	4601 (-2348)

Samples were examined microscopically from 2200 feet to Rotary Total Depth (4600), and samples from potentially productive zones were examined wet under a fluoroscope and checked for cut. A gas detector unit from MBC Logging was in service at the wellsite from 2100 feet to Rotary Total Depth. No positive gas detector readings of any significance were recorded during the drilling of the No. 1 Ryan. Following is a description of zones of interest, oil and gas shows, tests, etc.:

CHASE GROUP

2391-2396 (Herington) Limestone, dolomitic, and dolomite, buff, finely crystalline, partly fossiliferous, fair intercrystalline porosity, no show of oil or gas.

2400-2421 (Kridler) Limestone, slightly dolomitic, with limey dolomite, buff, dense to finely crystalline, scattered poor intercrystalline porosity, no show of oil or gas.

2438-2449 (Winfield) Limestone, gray-buff to mottled, dense to finely crystalline, slightly fossiliferous, slightly cherty, poor intercrystalline porosity, no show of oil or gas.

2514-2520 (Towanda) Limestone, slightly dolomitic, buff to light gray, finely crystalline with scattered poor intercrystalline porosity, no show of oil or gas.

2568-2576 (Fort Riley) Limestone, buff to tan, finely crystalline, some dense, scattered poor to fair intercrystalline porosity, no show of oil or gas.

COUNCIL GROVE GROUP

2908-2912 (Cottonwood) Limestone, buff, finely crystalline and partly fossiliferous (fusulinid), fair vugular and interfossil porosity, no show of oil or gas.

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2981-2999 (Red Eagle) Limestone, partly dolomitic, slightly fossiliferous, fair pinpoint and intercrystalline porosity, some chalky limestone, no show of oil or gas.

3048-3056 (Foraker) Limestone, buff-gray to mottled, finely crystalline and partly fossiliferous, fair interfossil and intercrystalline porosity, no show of oil or gas.

WABAUNSEE GROUP

3454-3458 (Howard) Limestone, gray, finely crystalline, some finely oolitic, scattered poor oolitic porosity, no show of oil or gas.

SHAWNEE GROUP

3509-3829 (Topeka) The Topeka section consisted of cream to buff, finely crystalline and chalky limestones grading to occasional buff to tan dense limestones. The section contained numerous zones of poor to fair intercrystalline and pinpoint porosity but no shows of oil or gas were observed throughout this interval.

LANSING GROUP

3885-3888 (A zone) Limestone, buff to tan to brown, mottled in part, dense, some finely crystalline, mostly tight, no show of oil or gas.

3909-3913 (B zone) Limestone, tan to brown, some mottled, dense, some buff, finely crystalline with poor intercrystalline porosity, no show of oil or gas.

3938-3948 (C/D zone) Limestone, cream to buff, finely crystalline, some 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.

3960-3965 (E zone) Limestone, tan to dark brown "resinous", dense, no visible porosity, no show of oil or gas.

3968-3967 (F zone) Limestone, buff to tan to dark brown, some 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.

4006-4013 (G zone) Limestone, buff, fine to medium crystalline and oolitic, scattered poor oolitic porosity, some isolated large vugs, zone becomes dense with much cream chalk in lower portion, no shows of oil or gas.

KANSAS CITY GROUP

4057-4061 (H zone) Limestone, buff to tan and brown, some mottled, dense, some finely crystalline, some dense-oolitic, some oolitic with poor oolitic porosity, zone becomes dense

in base, no shows of oil or gas were present in this zone.

4088-4102 (I zone) Limestone, buff to tan, some brown, dense, slightly cherty, zone is mostly tight, no show of oil or gas.

4112-4117 (J zone) Limestone, cream to buff, oolitic and finely oolitic, good ooliticastic & porosity, no show of oil or gas, some cream chalky to dense limestone, tight with no 4122-4137 show of oil or gas.

4161-4172 (K zone) Limestone, cream to buff, finely crystalline with much chalk, some tan, dense limestone, mostly tight, no show of oil or gas.

4206-4211 (L zone) Limestone, buff to tan with much cream chalky, finely crystalline and very slightly oolitic with trace of poor vugular porosity in upper section, grading to dense tight limestone in lower portion, no show of oil or gas.

MARMATON GROUP

4250-4411 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 mostly tight, containing no porosity of any consequence, and no shows of oil or gas were present in the Marmaton section.

4418-4443 (Fort Scott) Limestone, buff to tan, dense, some finely crystalline, mostly tight, no show of oil or gas.

CHEROKEE GROUP

4448-4480 Limestone, buff to tan and brown, dense, trace of finely crystalline, trace of poor spotted stain in dense tight limestone. Show and porosity of insufficient quality to warrant further consideration.

CONGLOMERATE

4492-4498 Various and varicolored fresh cherts, orange, pink, tan, etc., with varicolored shales and 10% varicolored tripolitic chert. Zone contains traces of gilsonite staining, but no live shows of oil or gas were found. The conglomerate section lacked a sufficient percentage of chert and tripolitic chert to be of reservoir quality.

MISSISSIPPIAN OSAGE

4498-4558 Chert, white to light gray, opaque, mostly fresh, sharp, some slightly speckled, 10% tripolitic chert with trace of poor vugular and weathered "edge" porosity, some scattered gilsonite, no live shows of oil or gas. Lower portion becomes 10-15% tripolitic with opaque to sub-translucent, white to light bluish gray fresh chert with no shows of oil or gas.

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 4558
 4498
 4492-4498
 4448-4480
 4418-4443
 4250-4411
 4206-4211
 4161-4172
 4112-4117
 4088-4102

GILMORE CITY

4558-4600 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.

4600 ROTARY TOTAL DEPTH

RECOMMENDATIONS

Sample examination, a combination hot wire-chromatograph gas detector, and electric logging revealed no zones of potential commercial production of oil or gas. In consideration of the foregoing, it was recommended that the No. 1 Ryan be plugged and abandoned. Permission for plugging was granted and plugging was completed on December 5, 1996.

Respectfully submitted,

Robert C. Lewellyn
Petroleum Geologist

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JAN 13 1997
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