

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

Operator: License # 5171

Name: Marathon Oil Company

Address P.O. Box 689

7301 N.W. Expressway, #1075

City/State/Zip Oklahoma City, OK 73132

Purchaser: _____

Operator Contact Person: Barry Hardy

Phone (405) 720-5555

Contractor: Name: H-30 Drilling, Inc.

License: 5107

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, 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 _____ PBTB

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

11-22-89 12-3-89 1-9-90

Spud Date Date Reached TD Completion Date

API NO. 15- 007-22,277-00-00

County Barber

- C - SW Sec. 14 Twp. 34S Rge. 15 X W

1320 Feet from S/N (circle one) Line of Section

3960 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 Davis Trust "A" Well # 1

Field Name Aetna

Producing Formation _____

Elevation: Ground 1600 KB 1605

Total Depth 5119 PBTB 4960

Amount of Surface Pipe Set and Cemented at 863 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.

Drilling Fluid Management Plan D&A 9/16/92
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

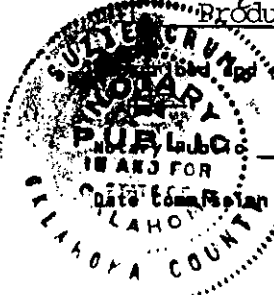
Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

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 Barry Hardy
Production Engineer Date 7-27-92



Subscribed and sworn to before me this 27th day of July 1992
Judge Cump
Date Commission Expires May 17, 1995

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Log Received
Geologist Report Received
Distribution
 SWD/Rep NGPA
 Plug Other (Specify)
RECEIVED
JUL 29 1992
7-29-92
CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

Operator Name Marathon Oil Company

Lease Name Davis Trust "A"

Well # 1

Sec. 14 Twp. 34S Rge. 15

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	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" 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	Shale	0	875
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Red Bed	875	1068
List All E.Logs Run:		Anhydrite	1068	1300
		Shale & Shells	1300	1730
		Lime & Shale	1730	3085
		Shale & Lime	3085	3305
		Lime & Shale	3305	4595
		Shale & Lime	4595	4678
		Lime & Shale	4678	5119
		Rotary Total Depth		5119

CASING RECORD							
Surface <input checked="" type="checkbox"/> New				Production <input checked="" 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"	24#	863	Lite Wt.	150	3% cc 2% gel
					Common	200	3% cc 2% gel
Production	7 7/8"	4 1/2"	10.5#	4983	Surefill	125	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	4785 (4 holes)	Surefill	100 sx	
<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)	
		Amount	Depth
2	4805-4855 - Mississippi	EOT @4793'	
		Acidized w/3000 gals of	
		15% MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
		2 3/8"	4824'			
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 (Explosive)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

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

Production Interval: _____

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

Operator: License # 5050

Name: HUMMON CORPORATION

Address 950 N. TYLER

City/State/Zip WICHITA, KS 67212

Purchaser: KANSAS GAS SUPPLY (KGS)

Operator Contact Person: KENT ROBERTS

Phone (316) 773-2300

Contractor: Name: _____

License: _____

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: National Oil

* Well Name: Wells 1-A

Comp. Date 3/26/79 Old Total Depth 4875

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

3/13/79 3/26/79 3/26/79
Spud Date Date Reached TD Completion Date

* THE WELLS 1-A HAS BEEN A SHUT-IN GAS WELL SINCE 3/26/79.*

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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.

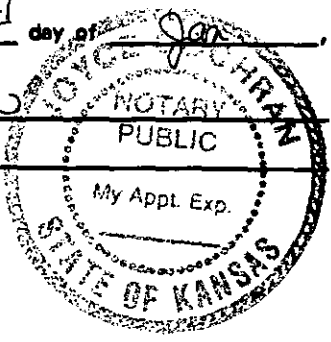
Signature Kent Roberts

Title LEASE OPERATIONS MANAGER Date 1/21/98

Subscribed and sworn to before me this 21st day of Jan, 1998.

Notary Public Joyce Cochran

Date Commission Expires 4-10-99



API NO. 15- 007-02000 0000

County BARBER

25E-SW-SE-SW Sec. 27 Twp. 34 Rge. 15 W

330 Feet from S (circle one) Line of Section

1675 Feet from E (circle one) Line of Section

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

Lease Name WELLS Well # 1-A Twin

Field Name WELLS

Producing Formation OSWEGO

Elevation: Ground 1586 KB 1589

Total Depth 4825 PBTB 4770

Amount of Surface Pipe Set and Cemented at 1016 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.

Drilling Fluid Management Plan ALT 1 1-30-98 JK
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. _____

County _____ Docket No. _____

KANSAS CORPORATION RECEIVED JAN 22 1998

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution: _____
KCC _____ SWD/Rep _____ NGPA _____
KGS _____ Plug _____ Other _____
(Specify)
JAN 30 1998

Operator Name HUMMON CORPORATION Lease Name WELLS Well # 1-A Twin
 Sec. 7 Twp. 34 Rge. 15 East County BARBER
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	See old ACO-1 Attached	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run:			

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"	23	1016'	common 50-50 poz	250	3% cc
Production	7 7/8"	4 1/2"	9 1/2"	4809'	60-40 poz	150	10% salt

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
46 3--	4697-4700	500 gal 15% MCA	
		1500 gal 28% NE	

TUBING RECORD Size 2-3/8 Set At 4686 Packer At None Liner Run Yes No

Date of First Resumed Production, SMD or Inj. 7/14/97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>-0-</u>	Gas Mcf <u>541</u>	Water Bbls. <u>1</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease (If vented, submit ACO-18.) **Production Interval** Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

KANSAS DRILLERS LOG

ORIGINAL

API No. 15 _____ County _____ Number _____

Operator
National Oil Company

Address
200 W. Douglas, Suite 550, Wichita, KS 67202

Well No. 1-A Lease Name Wells

Footage Location
330 feet from (S) line 1675 feet from (W) line

Principal Contractor DNB Drilling Geologist Ken Johnson

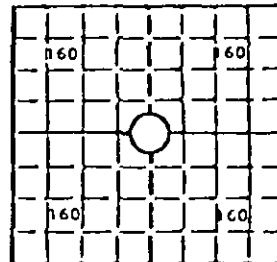
Spud Date March 13, 1979 Total Depth 4825 P.B.T.D. 4770

Date Completed March 26, 1979 Oil Purchaser _____

S. 7 34S R. 15W E
Loc. 25 F. of SW. SE. SW

County Barber

640 Acres
N



Locate well correctly
1584

Elev.: Gr. 1584

DP 1586 KB 1589

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12½	8-5/8	23	1016	Common 50-50 Poz	250 250	3% CC 3% CC
Production		4½	9½	4809	60-40 Poz	150	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	DP Jets	4697-4700

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8	4686	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal 15% mud acid	4697-4700
1500 gal 28% NE acid overflushed w/1500 gal 2% KCL WTR	4697-4700

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil _____ Gas _____ Water _____
Disposition of gas (vented, used on lease or sold)	Producing interval(s) _____

JAN 30 1980

CONSERVATION DIVISION
Wichita, Kansas

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3630 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:
Gas

ORIGINAL

National Oil Company

Well No.

1-A

Lease Name

Wells

S 7 T34S R15WE
W

25' E of SW SE SW

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1, 4156-4202'; 40-45-60-45; 1st open wk to str blow; Immediately in 2nd open GTS 2.1 to 4.4 MCFG decr to 2.76 at end of open period; Rec 244' G&OCM (23% mud, 7% wtr, 18% oil, remaining gas) & 2,157' wtr; IFP 93-749; ISIP 1645; FFP 776-1164; FSIP 1645; T 108°.			<u>Log Tops</u> Heebner Douglas Lansing B/Ks City Marmaton Mississippi	3935 -23 3974 -23 4130 -25 4590 -30 4696 -31 4769 -31
DST #2, 4495-4506'; Packers failed.				
DST #3, 4474-4570'; 30-45-60-45; Str blow; Rec 186' SGCM; IFP 83-93; ISIP 1701; FFP 93-138; FSIP 1552.				
DST #4, 4634-4725'; 30-45-65-45; GTS in 25", gauged 31,400 CFG; Immediately in 2nd open gauged 34,200 CFG, stabilized @ 36,300 CFG; Rec 65' GCM; IFP 102-130; ISIP 776; FFP 83-93; FSIP 776.				
DST #5, 4740-90'; 30-45-60-45; Rec 70' mud, NS; IFP 93-102; ISIP 185; FFP 93-102; FSIP 102.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Signature

Bill C. Romig, Vice President

Title

CONCRETE DIVISION
Mobile, Alabama

Date