

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

2.111

A. NO. 15- 06 - 22,915 **COPY**
County Labette
NW SW SE SE KCC Record
Sec. 25 Twp. 34 Rge. 20 X E

Operator: License # 30698
Name: MOR Oil Inc.
Address 6640 Shady Oak Rd. Ste. 240
City/State/Zip Minneapolis, Minn. 55344
Purchaser: Unknown at this time
Operator Contact Person: Tom D. Mooney
Phone (713) 493-2702
Contractor: Name: Kephart Drlg. Co.
License: 5379
Wellsite Geologist: Tom D. Mooney

362.4 Feet N/S (circle one) of Section Line
1,253.21 Feet E/W (circle one) of Section Line
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name C.W. Alcorn Well # 1-M
Field Name N.A.
Producing Formation Monitor Well (Observation)
Elevation: Ground 855.3 KB _____
Total Depth 296 PBTD _____
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes X No _____
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 250
feet depth to 0 w/ 60 sx cmt.

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)

Drilling Fluid Management Plan 8-26-91
Data must be collected from the Reserve Pit

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 _____ PBTD _____
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) _____ Docket No. _____
5/5/91 5/6/91 6/27/91
Spud Date Date Reached TD Completion Date

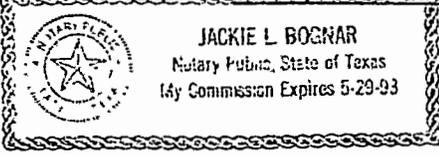
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Air Drilled
Chloride content _____ ppm Fluid volume _____ bbls
Deaerating method used _____
Location of fluid disposal if hauled offsite:
Wichita, Kansas
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ 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 Tom D. Mooney
Title Vice Pres. - Operations Date 8/19/91
Subscribed and sworn to before me this 19 day of August
19 91
Notary Public Jackie L. Bogner
Date Commission Expires 5-29-93

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



Sec. 25 Twp. 34 Rge. 20 East West

County Labette

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.) Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run (Submit Copy.) Yes No
 List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

See attached drillers log

CASING RECORD <input checked="" type="checkbox"/> New <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	8 3/4	7	17	20		3	
"Production"	6 1/4	2 3/8	4.7	250' 2"		60	

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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
	Openhole completion			

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 ACD-18.) None

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

Production Interval _____

25-34-20E

Ascorn 1-M

KEPHART DRILLING INC.
R.R.#1 BOX 68A
THAYER, KS 66776

Mor Oil Inc.	0'	-	6'	-	clay
	6'	-	7'	-	coal
C.W. Ascorn 1-M	7'	-	31'	-	shale
	31'	-	35'	-	lime
LB	35'	-	40'	-	shale
	40'	-	41'	-	coal
15-099-22,915	41'	-	54'	-	shale
	54'	-	55'	-	coal
25-34-20E	55'	-	87'	-	shale
	87'	-	89'	-	coal
36 N of S	89'	-	113'	-	shale
	113'	-	114'	-	coal
1257 W of E	114'	-	259'	-	shale
	*122'	-		-	water
Started 5-5-91	259'	-	261'	-	laminated sand oil do:
	261'	-	266'	-	shale
Finished 5-6-91	266'	-	293'	-	sand oil show
	262'	-	291'	-	core point
20' of 7" - 3 cement	293'	-	296'	-	shale
	296'		Total Depth		
	267'	-	268'	-	1.05 min.
	268'	-	269'	-	50 sec.
	269'	-	270'	-	2.00 min.
	270'	-	271'	-	1.50 min.
	271'	-	272'	-	2.20 min.
	272'	-	273'	-	2.20 min.
	273'	-	274'	-	1.45 min.
	274'	-	275'	-	2.05 min.
	275'	-	276'	-	3.00 min.
	276'	-	277'	-	1.25 min.
	277'	-	278'	-	1.35 min.
	278'	-	279'	-	1.50 min.
	279'	-	280'	-	2.10 min.
	280'	-	281'	-	2.15 min.
	281'	-	282'	-	2.30 min.
	282'	-	283'	-	2.20 min.
	283'	-	284'	-	2.20 min.
	284'	-	285'	-	2.55 min.
	285'	-	286'	-	3.05 min.
	286'	-	287'	-	3.05 min.
	287'	-	288'	-	3.00 min.
	288'	-	289'	-	3.00 min.
	289'	-	290'	-	2.55 min.
	290'	-	291'	-	12.30 min.

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Geological Survey
Kansas

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company MOR Oil, Inc. Lease C. W. Alcorn Well No. M-1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	269.6	17.3	36	39	75	483	5.7
2	270.6	19.7	25	49	74	382	54.
3	271.4	19.8	29	43	72	446	61.
4	272.5	17.8	29	56	85	401	8.9
5	273.5	17.1	36	50	86	478	7.9
6	274.5	17.9	44	41	85	611	28.
7	275.4	17.0	40	46	86	528	7.4
8	276.5	20.3	39	39	78	614	51.
9	277.5	20.1	43	38	81	671	51.
10	278.5	21.8	45	31	76	761	44.
11	279.5	22.1	43	32	75	737	203.
12	280.5	20.8	45	36	81	726	53.
13	281.5	22.1	55	28	83	943	92.
14	282.4	21.8	40	32	72	677	159.
15	283.5	22.0	45	31	76	768	247.
16	284.5	21.0	59	28	87	961	83.
17	285.4	21.1	48	32	80	786	132.
18	286.5	19.5	53	37	90	802	106.
19	287.3	20.2	59	26	85	925	98.

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CONFIDENTIAL

S C Z

BOX 411

CHERRYVALE, KS. 67335

316-336-2203

DATE	JOB #	SEC	TWP	RANGE	WELL # & FARM	PLACE
-8-9 -12		25	34	20	CW ALORN #'S 1-M 2M-3M-4M 5M	E of Bartlett
CHARGE TO:					OWNERY Plug 20' 1-P	COUNTY
MOR OIL INC.					Cement 10 3/4 IN 15"	Labette
MAILING ADDRESS P.O. Box 441206					CONTRACTOR	STATE
Houston, Texas					Hole from 265' to Surf. w/ 16 1/2 lbs.	Ks
CITY & STATE					77244-1206	

CEMENTING & ACID

TYPE OF JOB		CASING		PLUGS	HOLE DATA
SURFACE	FT	NEW USED		BOTTOM	SIZE 6 1/4 in 2 7/8
PRODUCTION	TD	SIZE WT.	2 3/8 FR	TOP	PERFS 15" in 10 3/4
SQUEEZE	TOP BOTTM	DEPTH	295'	OTHER EQUIP.	MAX PRESSURE TREAT
WASH		TYPE			ADMIXES

PULLING UNIT - DRILLING & HOLE CLEAN UP - HEATER TRUCK

TYPE JOB	PULLING	WASHING	CEMENTING	POWER SWIVEL	HEATING	ROSTAPROUT
JOB START HRS.						
JOB STOP						

COMMENTS:

Cement on Top of RA 6 Parker
csg 2 3/8 thru 3/4" To Surf.
Cement 10 3/4 from 265'
To Surf.
Fill ALORN 1-P To Surf.
From 20'
H

PUMP CHG	-----	\$
WATER	-----	\$
PULLING UNIT	-----	\$
HEATER	-----	\$
CEMENT SACKS	231 @ 2 3/8 Holes	\$
ADMIXES	16 lbs 15" w/ 10 3/4	\$
EQUIPMENT	-----	\$
OTHER	-----	\$
POWER SWIVEL	-----	\$

TOTAL Price 3500⁰⁰

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AUG 23 1991 AUTHORIZED BY & ACCEPTED

SCZ FOREMAN

COMMISSIONER OF REVENUE
STATE OF KANSAS

LOG

Company MOR Oil, Inc. Lease C. W. Alcorn Well No. M-1

BARTLESVILLE SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
267.0 - 268.2	Shale, gray with widely scattered light gray sandstone inclusions.
268.2 - 269.3	Shale and sandstone, gray and light gray, laminated.
269.3 - 270.0	Sandstone, brown, slightly shaly with scattered shale partings.
270.0 - 270.5	Shale, gray with scattered light gray and light brown sandstone partings and inclusions.
270.5 - 272.0	Sandstone, brown with widely scattered shale and mica partings and inclusions.
272.0 - 274.0	Sandstone, brown, slightly shaly with widely scattered shale and mica partings and inclusions.
274.0 - 275.0	Sandstone, brown with widely scattered shale and mica partings and inclusions.
275.0 - 275.8	Sandstone, brown, slightly shaly with scattered shale and mica partings.
275.8 - 279.0	Sandstone, brown with widely scattered shale and mica inclusions.
279.0 - 284.0	Sandstone, dark brown.
284.0 - 287.0	Sandstone, brownish black with very widely scattered shale and mica inclusions.
287.0 - 287.5	Sandstone, brownish black, slightly carbonaceous with widely scattered shale and mica inclusions.

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OILFIELD RESEARCH LABORATORIES
CORE ANALYSIS