

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 07344
Name: Clyde M. Becker
Address: 212 First National Bldg.

City/State/Zip: Ponca City, OK 74601
Purchaser: Dry
Operator Contact Person: Clyde M. Becker
Phone: (405) 765-8788
Contractor: Name: Cheyenne Drilling Co.
License: 5382
Wellsite Geologist: Clyde M. Becker, Jr.
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 _____ PBTD
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) Docket No. _____

• 9-26-92 10-5-92 10-7-92*
Spud Date Date Reached TD Completion Date

*Well taken over by Amoco, re-named #3 Winter, and

API NO. 15- 129,21140
County Morton
C - SW - NE - SE Sec. 27 Twp. 31 Rge. 40 ☒ E
1650 Feet from SW (circle one) Line of Section
990 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Morrell Well # 1
Field Name Wildcat
Producing Formation Dry (deep) completed as gas well by Amoco
Elevation: Ground 3301 KB 3312
Total Depth 5990 PBTD
Amount of Surface Pipe Set and Cemented at 1716 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 P+A 4-2 RPT
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 600 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite:
Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____
completed as Chase Gas well

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 Clyde M. Becker
Title Operator Date 4-8-93
Subscribed and sworn to before me this 8th day of April
19 93.
Notary Public Salmon Hansen
Date Commission Expires 11-14-96

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Geologist Report Received
Distribution APR 12 1993	
KCC	SWD/Rep
KCS	Other (Specify)
Wichita, Kansas	

SIDE TMD

Operator Name Clyde M. BeckerLessee Name MorrellWell # 1Sec. 27 Twp. 31 Rge. 40☐ East☒ WestCounty Morton

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 E.Logs Run: Dual Induction & Density-
Neutron

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
B/Anhydrite	1672	(+1641)
Chase	2304	(+1009)
Heebner	3773	(-460)
Morrow	5279	(-1966)
Chester	5689	(-2376)
St. Gen	5761	(-2448)
St. Louis	5871	(-2558)

See Drilling Report attached for DST's

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 Additive
Surface	12 1/4	8 5/8	24#	1716	lite & "C"	725	2% CaCl

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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.					Producing Method				
					☐ Flowing	☐ Pumping	☐ Gas Lift	☐ 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

7404

DRILLERS LOG

CLYDE M. BECKER
MORRELL #1
SECTION 27-T31S-R40W
MORTON COUNTY, KANSAS

COMMENCED: 09-26-92
COMPLETED: 10-07-92

K C C

DEC 09 1992

SURFACE CASING: 1713' OF 8 5/8"
OMTD W/575 SX LT "C", 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0-1715
RED BED	1715-2395
LIME & SHALE	2395-3000
SHALE & LIME	3000-3225
LIME & SHALE	3225-5290
MORROW	5290-5689
LIME & SHALE	5689-5990 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A. J. Jacques

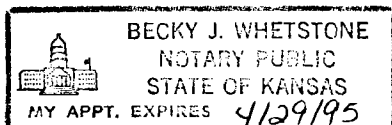
A. J. JACQUES

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STATE CORPORATION COMMISSION

STATE OF KANSAS :ss:

OCT 2 7 1992

SUBSCRIBED AND SWORN TO BEFORE ME THIS 8TH DAY OF OCTOBER 1992
CONSERVATION DIVISION
Wichita, Kansas



Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC

CLYDE M. BECKER
OIL PRODUCER

COPY

CLYDE M. BECKER
212 FIRST NATIONAL BLDG.
PONCA CITY, OKLAHOMA 74601
(405) 765-8788

CLYDE M. BECKER, JR.
718 17TH STREET, SUITE 1160
DENVER, COLORADO 80202
(303) 595-4045

DRILLING REPORT

Clyde M. Becker (Becker Oil Corp.)
MORRELL #1
SW/4 NE/4 SE/4 Section 27-31S-40W
Morton County, KS

Contractor: Cheyenne Drilling Co.
KB 3313'

9-26-92 MIRT
9-27-92 drlg 1185', spud 5:45 PM
9-28-92 TD 1716' WOC, ran 40 Jts 1703.11' 8 5/8" 24# J
casing @ 1716 w/ 575 sxs lite, 2% CaCl, 1/4# floseal
plus 150 sxs Class "c", 2% CaCl, 1/4# floseal, plug down 12:15 AM
9-29-92 Drilling 2760', 17 3/4 hrs. drilling, dev. 1/4° @ 1716'
9-30-92 Drilling 3470'
10-1-92 Drilling 4070' Vis 33, WL 18.5, LCM 2#, cl 5000
10-2-92 Drilling 4660' Vis 44, Wt. 9.1, WL 13.4, LCM 3#, cl 2400,
Anh. 1555-1676, Chase 2288', Hb 3775', Lan 3902', Marm. 4537'
10-3-92 Drilling 5110' Vis 44, Wt. 9.0, WL 10, LCM 2#, cl 1000, At @ 5035'
10-4-92 Drilling 5480' bit trip @ 5391', dev 1°, Vis 41, Wt. 9.1, WL 9.4,
LCM 2#, cl 900, Mo 5270', U/Mo sd 5273', No sd in samples, No gas
kick
10-5-92 Drilling 5934' Vis 44, Wt. 9.1, WL 9.2, LCM 2#, cl 1000, Mud Cost \$7,337.
L/Mo sd 5540' 130 units gas @ top, L/Mo sd 5628' 1t stn & odor
700' Units gas @ top, Chester @ 5690
10-6-92 TD 5990' pulling DST #1, Ran DIL, DNL, & ML. DST #1 5630-39' times
20-40-35-70 Rec 499' GIP 60' VSO & GCM FP 22-33# 33-44# SIP 925#-877#
HSP 2774#-2754#
10-7-92 TD 5990, DST 5540-63 times 25-50-35-70 Rec 180' GIP 50'M FP 48-48#
60-72# SIP 1346# (leaking)-288# HSP 2720#-2697#
AMOCO assumed operations

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CONSERVATION DIVISION
Topeka, Kansas

CLYDE M. BECKER
OIL PRODUCER

COPY

CLYDE M. BECKER
2 FIRST NATIONAL BLDG.
OCCIDENTAL CITY, OKLAHOMA 74601
(405) 765-8788

CLYDE M. BECKER, JR.
718 17TH STREET, SUITE 1160
DENVER, COLORADO 80202
(303) 595-4045

Geological Report
Clyde M. Becker
#1 Morrell
C SW NESE Section 27-31S-40W
Morton County, Kansas

October 12, 1992

Spud: September 26, 1992
Drig. Comp: October 5, 1992
Contractor: Cheyenne Drilling, Inc. Rig #3
Gr. Elev. 3301.5(3302)
KB Elev. 33125(3313-used for measurements)

Formation Tops

Cedar Hills	1269(+2044)
Stone Corral Anhydrite	1656(+1657)
Base Anhydrite	1672(+1641)
Chase Group	2304(+1009)
Council Grove	2618(+ 695)
Heebner Shale	3773(- 460)
Lansing Group	3891(- 578)
Marmaton Group	4544(-1231)
Cherokee Shale	4749(-1436)
Atoka	5034(-1721)
Morrow Shale	5279(-1966)
Upper Morrow Interval	5316-5340(-2003)
Lower Morrow L-1 Sand	5538(-2225)
Lower Morrow L-3 Sand	5623(-2310)
Chester	5689(-2376)
St. Genevieve	5761(-2448)
St. Louis	5871(-2558)
TD(Drill.)	5990(-2677)
TD(Log)	5993(-2680)

DST #1 5630-39 (Straddle-Morrow L-3 sand)
times 20/40/35/70

IF: good blow, bottom of bucket in 6 min., decreased to 4 inches in 20 minutes.

FF: weak blow, built to bottom of bucket in 17 minutes
recovery: 499 feet of gas in pipe
60 feet of very slightly oil cut mud(2% oil)

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Geological Report
Clyde M. Becker
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IHP 2774
IFP 22-33
ISIP 925
FFP 33-44
FSIP 877
FHP 2754

DST #2 5540-63 (Straddle-Morrow L-1 sand)
IF: weak blow built to 7" in 25 minutes
FF: weak blow built to 6" in 35 minutes
recovery: 180 feet of gas in pipe
60 feet of mud

25-50 - 35-70

IHP 2720
IFP 48-48
ISIP 1346(packer leaked)
FFP 60-72
FSIP 288
FHP 2697

The #1 Morrell ran about as projected, however no porous sand was found in the primary objective zone, the upper Morrow. I believe that #1 Morrell did encounter the upper Morrow channel facies. The drilling rate changed through the upper Morrow section from 1-2 minutes per foot above and below the upper Morrow to 2 1/2-4 minutes per foot in the upper Morrow. Samples showed a change from typical black shales to light gray shales in the upper Morrow. Very fine to fine grained shaley sandstone with heavy calcite cement was also seen in this interval. The caliper log was also interesting through this section going from a very washed out hole above and below the upper Morrow to being more in gauge through the upper Morrow section. The micro-log also shows evidence of the presence of channel facies. The presence of channel facies without sand development is quite unusual for the area. Structurally the #1 Morrell indicates that the predicted fault to the east providing separation from the depleted upper Morrow producers in sections 26 and 35 is probably present.

The lower Morrow L-1 sand was present from 5539-5592. The top 23 feet showed 4-14% porosity with good neutron-density crossover, good resistivity and some microlog separation. A 130 unit gas kick corresponded to the top of this sand. The lower 24 feet of L-1 sand showed little or no gas kick and looks more wet on the logs. A DST was run over the top 23 feet of the L-1 sand recovering only 180 feet of gas in pipe and 60 feet of mud with a final shut in pressure of 288#.

The Morrow L-3 sand (5623-58) had an excellent show and a 700 unit gas kick corresponding to the top 10 feet. Samples showed fine to medium grained sand with poor to fair porosity with excellent odor, fair fluorescence, slight stain and a weak streaming cut. The hydrocarbon show was greatly diminished in the lower part of the L-3 sand. A DST was run to test the top 5 feet of porosity. This DST recovered 925-977 feet of gas in pipe and 60 feet of slightly oil cut mud(2% oil) with shut in pressure of 925-877. These poor pressures and the proximity of the wet lower portion of the L-3 sand precluded making a commercial producer out of this zone.

No other shows were seen in the #1 Morrell.

Clyde M. Becker Jr.
Clyde M. Becker, Jr.

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