

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

API NO. 15- 093-21597-0000

County Kearny

70'W - SW - NE - NW Sec. 28 Twp. 21 Rge. 35 X W

990 Feet from S (N) (circle one) Line of Section

1580 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 Scheuerman Well # 1

Field Name Beymer

Producing Formation D&A

Elevation: Ground 3134 KB 3145

Total Depth 5035 PBDT _____

Amount of Surface Pipe Set and Cemented at 416 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 cmt.

Drilling Fluid Management Plan D&A 27 3-13-98
(Data must be collected from the Reserve Pit)

Chloride content 9600 ppm Fluid volume 600 bbl's

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: 716-97

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 31093

Name: Becker Oil Corporation

Address 122 E. Grand, Suite 212

City/State/Zip Ponca City, OK 74601

Purchaser: _____

Operator Contact Person: Clyde Becker

Phone (405) 765-8788

Contractor: Name: Cheyenne Drilling Co.

License: 05382

Wellsite Geologist: Clyde Becker, Jr.

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: JUL 14

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

6-13-97 6-20-97 6-22-97

Spud Date Date Reached TD Completion Date

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 Clyde M. Becker

Title President Date 7-14-97

Subscribed and sworn to before me this 14th day of July, 1997.

Notary Public Imogene Thomas

Date Commission Expires 11-14-2000

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Geologist Report Received

Distribution

KCC SLD/Rep NGPA

KGS Plug Other (Specify)

10-6-98

RELEASED

OCT 6 1998

FROM CONFIDENTIAL

ORIGINAL

SIDE TWO

Operator Name Becker Oil Corporation

Lease Name Scheuerman

Well # 1

Sec. 28 Twp. 21 Rge. 35

East
 West

County Kearny

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
See Geological report for DSTs

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
			B/Anhydrite	2183	+962
Chase	2611	+534			
Heebner	3890	-745			
Marmaton	4442	-1297			
Cherokee	4596	-1451			
St. Gen	4858	-1713			
St. Louis	4900	-1755			

CASING RECORD <input 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	28	416	60-40 Pos	250 24	3% CaCl

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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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

Production Interval: Other (Specify) _____

BECKER OIL CORPORATION

CLYDE M. BECKER
PRESIDENT
122 E. GRAND, SUITE 212
PONCA CITY, OKLAHOMA 74601
(405) 765-8788

CLYDE M. BECKER, JR.
VICE PRESIDENT, EXPLORATION
1641 CALIFORNIA, SUITE 410
DENVER, COLORADO 80202
(303) 595-4045

ORIGINAL

CONFIDENTIAL

Geological Report
Becker Oil Corporation
1 Scheuerman
990 ft FNL, 1580 ft FWL
SWNENW Section 28-21S-35W
Kearny County, Kansas

15-093-21597

Spud: June 13, 1997
P & A: June 21, 1997
Contractor: Cheyenne Drlg Rig # 5
Casing: 8 5/8" set at 416 ft KB, cmt w/240 sx
Gr. Elevation: 3134 ft
KB Elevation: 3145 ft
Deviation 1 1/2° at 5031
Bits Used: STC F 27 416 ft - 5031 ft.

NOV
JUL 14
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Formation Tops

Cedar Hills	1478	(+1667)
Stone Corral Anhydrite	2094	(+1051)
Base Anhydrite	2183	(+962)
Chase Group	2611	(+534)
Council Grove	2902	(+243)
Heebner Shale	3890	(-745)
Lansing Group	3951	(-806)
Base Kansas City Group	4415	(-1270)
Marmaton	4442	(-1297)
Amazon Ditch	4460	(-1315)
Pawnee (Beymer)	4542	(-1397)
Ft. Scott (Johnson)	4569	(-1424)
Cherokee Shale	4596	(-1451)
Morrow Shale	4807	(-1662)
Miss St. Genevieve	4858	(-1713)
St. Louis	4900	(-1755)
RTD	5031	(-1886)
LTD	5034	(-1889)

RECEIVED
MARS/30/97
1977 JUL 15 11:40

DST # 1 4481 - 4637 (Middle Marmaton to Upper Cherokee)
times 30/40/60/90

IF: surface blow, built to 3"

FF: surface blow, built to 5"

recovery: 75 ft Mud, 120' G & SOCM (15% gas 5% oil)
120' SG & OCM (10% gas 10% oil)

IHP: 2243

IFP: 114-114

ISIP: 363

FFP: 187-218

FSIP: 363

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OCT 6 1998

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FHP: 2223

DST # 2 4562-4604 Marmaton Ft. Scott (Johnson Zn): misrun - packer failure

DST # 3 4577-4594 Marmaton Ft. Scott

times 30/40/70/90

IF: surface blow, built to 5"

FF: surface blow, built to 3"

Recovery: 260 ft mud cut water (cl 20,000 PPM)

Mud (C1 9600-15000)

IHP: 2173

IFP: 31-52

ISIP 343

FFP: 93-114

FSIP: 343

FHP: 2073

The # 1 Scheuerman ran structurally lower than projected, coming in 12 feet low on the Chase and up to 20 feet low in the Marmaton before drilling a thin Morrow to St. Louis interval and coming in fairly high on the St. Louis.

A gas detector was in operation from 2600 to TD. Very little gas was seen in the Chase and Council Grove sections. A 13 unit gas kick corresponded to the Lansing "A" zone (3952-62). Some fine crystalline limestone with questionable porosity & no visible show was the most I saw in the samples, which were very poor, being mostly red beds through this interval. No other gas kicks were seen above the Marmaton other than shale gas.

A 23 unit gas kick corresponded to an eleven foot drilling break in the Amazon Ditch member of the Marmaton (4462-4473). Samples showed abundant white oolitic limestone with good oomoldic porosity and dense to crystalline matrix creating poor to good effective porosity. Stain was present but spotty and I found only one piece that cut any oil and it appeared to come from an isolated vug. Logs confirmed the wet nature of this reservoir showing only 5-11 Ohm-meters vs. 30+ Ohm-meters in nearby productive wells.

There was a nine foot drilling break in the Pawnee (4549-4558). Samples showed white to gray oolitic limestone with many oomolds but dense matrix and very poor effective porosity and no show. No gas kick was seen in the Pawnee. Logs indicate eight feet of only 7-10% porosity.

A very thick Ft. Scott section was encountered (4569-4596) with an eighteen foot drilling break and a 10 unit gas increase. Porosity was very poorly represented in the samples. I saw mostly white chalky to chalky oolitic limestone with tight, oolitic, grey, distinctively Ft. Scott limestone. I found a few pieces with slight vuggy porosity which had a fair oil cut. I believe the good porosity was drilled up and not represented in the samples as logs show seventeen feet of excellent porosity.

DST # 1 was run to test from below the Amazon Ditch to the upper Cherokee. This test recovered 315 feet of oil cut mud ranging from all mud at the top to slightly over 10% oil at the bottom of the recovery. Flow pressures were flat the first open period and increased during the second flow period. Shut-in pressure was 363-363 with good breakover. The DST pressures indicated an excellent reservoir with depleted pressures.

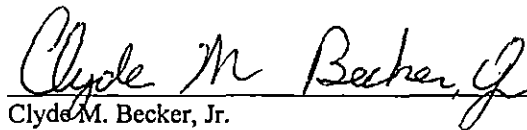
Despite the lack of any water on this DST we were worried by our low structural position relative to Ft. Scott production in Beymer & SW Beymer fields and decided to isolate the Ft. Scott for a straddle test after logging. The logs showed the Ft. Scott to have the only effective porosity in the Marmaton other

than the Amazon Ditch zone. After an initial packer failure, DST # 3 recovered 260 feet of mud cut water from the Ft. Scott, condemning it as wet despite the oil cut mud on DST #1.

No other shows were seen until the basal Morrow where an eighteen unit gas kick corresponded to a 3 foot drilling break (4852-4855-log). I found no porosity in the samples, only some loose sand grains and so decided to wait to look at the log rather than testing. Logs showed two feet of 20% porosity with 4% crossover and 6 Ohm-meters resistivity. Although a DST of this zone would have likely recovered some oil, we felt that a two foot porosity zone was not worth pursuing.

An eight foot zone at the top of the St. Louis was of some interest. Logs showed eight feet of mud cake over a 3 foot dolomitic zone with 9% porosity on top of 5 feet of tight limestone. The dolomitic zone had some SP development. However I found no porosity or show in the samples, and no gas kick was seen from this zone.

Due to the two good Marmaton porosity zones being wet and the basal Morrow being very thin it was decided to plug and abandon the # 1 Scheuerman.


Clyde M. Becker, Jr.

TELEPHONE:

AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

Federal Tax I.D.# 48-0727860

ORIGINAL

CONFIDENTIAL

TO: Becker Oil Corp.

INVOICE NO. 75376

1641 California St., #410

PURCHASE ORDER NO. _____

Denver, CO 80202-3704

RELEASED

LEASE NAME Scheuerman #1

OCT 6 1998

DATE 6-13-97

FROM CONFIDENTIAL

SERVICE AND MATERIALS AS FOLLOWS:

Common 150 sks @\$7.20	\$1,080.00
Pozmix 100 sks @\$3.15	315.00
Gel 5 sks @\$9.50	47.50
Chlroide 9 sks @\$28.00	<u>252.00</u>

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Handling 250 ssk @\$1.05	262.50
Mileage (50) @\$.04¢ per sk per mi	500.00
Surface	445.00
Extra Footage 125' @\$.41¢	51.25
Mi @\$2.85 pmp trk chg	142.50
1 plug	<u>90.00</u>

1997 OCT 15 4 11:40
 BECKER OIL CORP
 DENVER CO
 1,694.50
 1,491.25

If Account CURRENT a
Discount of \$ 517.61
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

1 AFU Insert-----\$235.00
1 BAKER Loc----- 30.00

Total

\$3,450.75
- 517.261
2,933.44

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

TELEPHONE:

EA CODE 913 483-2627
AEA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

CONFIDENTIAL

ORIGINAL

Federal Tax I.D.# 48-0727860

TO: Becker Oil Corp.
1641 California St., #410
Denver, CO 80202-3704

INVOICE NO. 75435
PURCHASE ORDER NO. _____
LEASE NAME Scheuerman #1
DATE 6-21-97

SERVICE AND MATERIALS AS FOLLOWS:

Common 129 sks @\$7.20	<i>KOC</i>	\$928.80
Pozmix 86 sks @\$3.15	<i>JUL 1 4</i>	270.90
Gel 11 sks @\$9.50	<i>CONFIDENTIAL</i>	104.50
FloSeal 54# @\$1.15		<u>62.10</u>
		\$1,366.30
Handling 215 sks @\$1.05		225.75
Mileage (50) @\$.04¢ per sk per mi		430.00
Plug		550.00
Mi @\$2.85 pmp trk chg		142.50
1 plug		<u>23.00</u>

Total

1,371.25

\$2,737.55

- 410.23

2,327.32

If Account CURRENT a
Discount of \$ 410.63
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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