

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

Operator: License # 5330
Name Excalibur Production Co., Inc.
Address P.O. Box 278
City/State/Zip McPherson, KS. 67460

Purchaser

Operator Contact Person Charles D. Johnson
Phone (316) 241-1265

Contractor: License # 3890
Name Tornado Drilling, Inc.

Wellsite Geologist: Donald J. Melland
Phone (316) 241-7907

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

5/22/89... 5/30/89... 5-30-89
Spud Date Date Reached TD Completion Date
2687
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 219 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name Halliburton
Invoice # 796073
AIR I DFO

API NO. 15-169-20,300-9000
County Saline
C. NW SW Sec. 8 Twp. 15 Rge. 1W West

1980 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name SWANSON Well # 4

Field Name GILLMORE NE

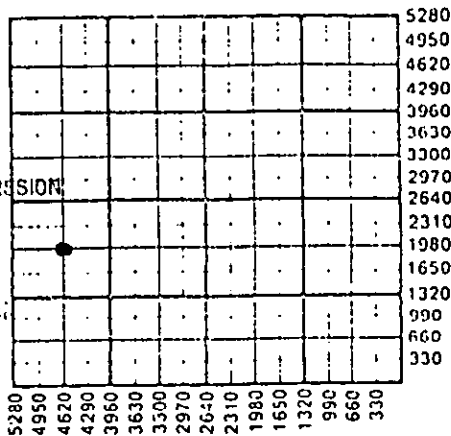
Producing Formation Mississippian

Elevation: Ground 1262 KB 1267

Section Plat

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JUN 22 1989
6-22-89
CONSERVATION DIVISION
Wichita, Kansas



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) City of Gypsum
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 Charles D. Johnson
Title President Date 6/15/89

Subscribed and sworn to before me this 15th day of June 1989.
Notary Public Juanita M. Flood
Date Commission Expires 5/27/92



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
6-22-89
Form ACO-1 (5-86)

Sec. 8 Twp. 15 Rge. 1W

Operator Name **EXCALIBUR PRODUCTION CO. INC.** Lease Name **SWANSON** Well #

Sec. **8** Twp. **15** Rge. **1W** East West County **Saline**

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Mississippian	2669	2687

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	11"	8 5/8"	24	219	common	150	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		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	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

DONALD J. MELLAND ✧ PETROLEUM GEOLOGIST

401 Peoples Bank Building ✧ Post Office Box 783 ✧ McPherson, Kansas 67460
Office (316) 241-7907 ✧ Residence (316) 241-4582

G E O L O G I C A L R E P O R T

Excalibur Production Co., Inc.
Swanson #4
CNW SW, Sec. 8-15-1W
Field: Gilmore NE
Saline County, Kansas

June 5, 1989
Elevation: 1267 KB
Comm: 5/22/89, Comp: 5/30/89
Casing: 8 5/8" @ 219'/150sx

Formation Tops

Lansing	2022 (-755)
Mississippian	2669 (-1402)
RTD	2687 (-1420)

Cores: None

Drill Stem Tests: None

Electrical Logs: None

Gas Detector: None

Measurements: Were taken from Kelly bushing, 5 feet above ground level.

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CONSERVATION DIVISION
Wichita, Kansas

Formation Summary

Mississippian

2669-2683 Limestone: white to buff, coarsely crystalline, chalky in part, glauconitic, dense, no shows of oil.

2683-2687 Dolomite: grayish buff, finely to medium crystalline, poor with some fair porosity, show of oil, most oil lacks life, show of inert oil, faint odor. It is believed this zone does not warrant testing due to its low structural position.

Swanson #4

Geological Report

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Recommendations

Since there were no commercial shows of oil in this well it was recommended that it be plugged.

Respectfully submitted,

Donald J. Melland

DJM/d

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STATE CORPORATION COMMISSION
JUN 22 1969
CONSERVATION DIVISION
Topeka, Kansas

COMPANY Excaltibur Prod. Co. Inc

FARM Swanson

WELL NO. 4

SEC. 8 TWP. 15 RGE. 1W LOC.

COUNTY Saline

STATE Kansas

CONTRACTOR Tornado Drllg. Inc.

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2

REMARKS: Rip #1

SIZE PUMP LINERS 6 1/2

LENGTH STROKE 14

DATE 6-1-89 PM

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2600	10:15	18	3
1	10:15	18	3
2	10:21	3	
3	10:24	3	
4	10:26	2	
5	10:29	3	
6	10:31	2	
7	10:37	6	
8	42	5	
9	44	2	
2610	46	2	
11	47	1	
12	49	2	
13	50	1	
14	52	2	
15	55	3	
16	1:57	2	
17	11:00	3	
18	05	5	
19	07	2	
2620	09	2	
21	19	21	2
22	24	3	
23	27	3	
24	30	3	
25	33	3	
26	35	2	
27	37	2	
28	39	2	
29	41	2	
2630	48	51	3
31	53	2	
32	56	3	
33	59	3	
34	12:02	3	
35	05	3	
36	07	2	
37	10	3	
38	15	5	
39	20	5	
2640	23	3	
41	25	2	
42	27	2	
43	29	2	
44	35	6	
45	39	4	
46	42	3	
47	45	3	
48	47	2	
49	50	3	
21,50	52	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2650	12:52	53	1
51	12:53	1	
52	56	3	Hopper closed
53	1:00	04	2
54	06	2	Conn
55	08	2	
56	11	3	
57	13	2	
58	15	2	
59	18	3	
2660	21	3	
61	23	2	
62	26	3	
63	29	3	
64	33	4	
65	36	3	
66	40	4	
67	43	3	
68	47	4	
69	51	4	
2670	57	6	← Tap Miss
71	2:05	8	
72	10	5	
73	14	4	
74	19	5	
75	24	5	
76	3:20	5	5
77	26	6	
78	31	5	
79	36	5	
2680	42	6	
81	48	6	
82	54	6	
83	59	5	
84	1:09	4	4
85	12	3	Conn
86	15	3	
87	18	3	
88			
89			
2690			

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NATURAL RESOURCES COMMISSION
JUN 22 1989
CONSERVATION DIVISION
Wichita, Kansas

ROTARY DRILLING TIME SHEET # 503 Reorder No. 09-281
KANSAS BLUE PRINT CO., WICHITA, KAN.

TORNADO DRILLING, INC.
P.O. BOX 37
CANTON, KANSAS 67428

JUNE 7, 1989

COMPANY: EXCALIBUR PRODUCTION CO., INC.
CONTRACTOR: TORNADO DRILLING, INC.
FARM: SWANSON # 4
LOCATION: 1480' FSL & 4620' FEL SECTION 8-15-1W
SALINE COUNTY, KANSAS
COMMENCED: MAY 24, 1989
COMPLETED: JUNE 2, 1989
ELEVATION: 1265 EST.

0	to	25	Soil, Clay, Sand
25	to	185	Lime
185	to	227	Lime
227	to	520	Lime
520	to	965	Lime & Shale
965	to	1380	Lime & Shale
1380	to	1700	Shale & Lime
1700	to	2015	Shale & Sand
2015	to	2023	Lime & Shale
2023	to	2123	Lansing
2123	to	2250	Lime
2250	to	2445	Lime & Shale
2445	to	2607	Shale & Lime
2607	to	2669	Lime
2669	to	2687	Mississippi
		2687	Rotary Total Depth

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Drill 12 $\frac{1}{2}$ " hole to 227'. Set 8-5/8" surface casing at 219'. Cement with 75 sacks 60/40 Pozmix, 3% CC and 75 sacks of Common Cement, 3% CC. Plug down at 5:30 P.M., May 24, 1989. Drill to Rotary Total Depth 2687'. Plug hole. Fill hole with mud to 270'. Set plug with 40 sacks 60/40 Pozmix, 2% gel. Fill hole to 60'. Set plug with 25 sacks 60/40 Pozmix, 2% gel. Fill rat hole with 10 sacks 60/40 Pozmix, 2% gel. Rig released at 11:00 A.M., June 2, 1989.

CERTIFICATE

I, Terry P. Bandy, President of Tornado Drilling, Inc. do hereby certify that the above and foregoing is a true and correct copy of log on your Swanson # 4 located on the 1480' FSL and 4620' FEL Section 8-15-1W, Saline County, Kansas as is reflected by the files of Tornado Drilling, Inc.

Terry P. Bandy
Terry P. Bandy, President

Subscribed and sworn to before me a Notary Public in and for McPherson County, Kansas this 7th day of June, 1989.

Cynthia G. Reimer
Cynthia G. Reimer - Notary Public

