

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 # 5249  
Name Osborn Heirs Company  
Address P.O. Box 17968  
City/State/Zip San Antonio TX 78286

Purchaser

Operator Contact Person Jack Watson, Jr.  
Phone 512 826-0700

Contractor: License # 5420  
Name White & Ellis Drilling Co.

Wellsite Geologist Steven Kreidler  
Phone 316 265-5370

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

1.2.85	1.17.85	
Spud Date	Date Reached TD	Completion Date
4435		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 208 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from...208...feet depth to...surface/150...SX cmt

API NO. 15-101-21-099-00-00  
County Lane  
NE SW NW Sec. 4 Twp. 16S Rge. 29  East  West

3630 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

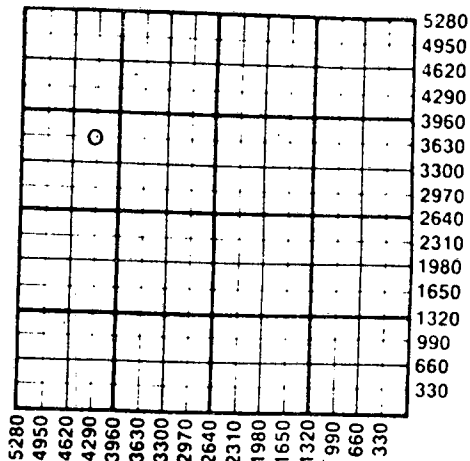
Lease Name Dowell Well # 1-4

Field Name Wildcat

Producing Formation P&A

Elevation: Ground 2635 KB 2640

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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 Pit Sec 14 Twp 15SRge 29  East  West

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

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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 Mike Jensen  
Title Engineer Date 2.5.85

Subscribed and sworn to before me this 5th day of February 1985...  
Public Doris F. Land Doris F. Land



K.C.C. OFFICE USE ONLY

<input checked="" type="checkbox"/> Letter of Confidentiality Attached		
<input checked="" type="checkbox"/> Wireline Log Received		
<input type="checkbox"/> Drillers Timelog Received		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

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FEB 25 1985  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 4 Twp. 16S Rge. 29

Operator Name ..... Osborn Heirs Company ..... Lease Name..... Dowell ..... Well #... 1-4.

Sec. 4 ..... Twp. 16S ..... Rge. 29 .....  East  West County..... Lane .....

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

See attached for DST's

Name	Top	Bottom
Anhydrite	2040	
Base of Anhydrite	2067	
Heebner	3715	
Lansing	3753	
Dennis (J)	3987	
Stark Sh	4006	
Swope (K)	4016	
Base of Kansas City	4091	
Marmaton	4116	
Pawnee	4208	
Fort Scott	4266	
Cherokee Sh	4289	
Johnson	4333	
Mississippian	4362	

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CASING RECORD <input checked="" 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	Percent Additives
Surface	12-1/4	8-5/8	24	208'	Pozmix	150	3% CC 2% gel
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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		

METHOD OF COMPLETION Production Interval

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

CONTRACTOR: White & Ellis Drilling Company  
ELEVATION: 2635' Gr

DAILY PROGRESS REPORT

1.2.85 Moved in rigged up. Spudded.  
Drilled to 218'.  
Set 5 jts of 8-5/8" surface casing @ 208' w/150 sxs  
60/40 pozmix 3% CC 2% gel.  
P.D. 10:45 PM

1.3.85 Started drilling under surface @ 6:45 AM.

1.4.85 Drilling @ 2211'.  
T/Stone Corral 2040 (+600)  
B/Stone Corral 2067 (+573)

1.5.85 Drilling @ 2922'.

1.6.85 Drilling @ 3480'.

1.7.85 Circulating for DST #1 @ 3865'.  
DST #1: 3830-65' (E, F, & F2) 50-30-30-30  
Opened with weak blow, died in 40 mins.  
2nd open no blow. REc 40' mud, N.S.

IHP 1970  
IFP 35-46  
ISIP 859  
FFP 46-46  
FSIP 859  
FHP 1947  
Temp 118°F

1.8.85 @ 3950', going in hole with DST #2.

DST #2: 3925-50' (H zone) 40-30-30-30-  
Tool opened with weak blow, died in 31 mins.  
2nd open no blow. Rec 20' mud w/few specks mud.

IHP 2004  
IFP 46-46  
ISIP 928  
FFP 46-46  
FSIP 859  
FHP 1981  
Temp 120°F

1.9.85 DST #3: -3945-80 (I zone) 35-30-30-30

Tool opened with weak blow, died in 30 mins.  
2nd open no blow. REc 20' mud.

IHP 2095  
IFP 46-46  
ISIP 815  
FFP 46-46  
FSIP 747  
FHP 2072  
Temp 120°F

1.10.85 @ 3980' pulling plug bit.  
@ 4010' coming out with DST #4.

DST #4: 3974-4010' (J zone) 60-60-30-30  
Tool opened weak throughout, 2nd open no blow, rec 75'  
mud with no show.

IHP 1970  
IFP 35-46  
ISIP 1100  
FFP 58-58  
FSIP 836  
FHP 1947  
Temp 122°F

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MAR 2 1985

State Geological Survey  
WICHITA BRANCH

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CONSERVATION DIVISION

CONTRACTOR: White & Ellis Drilling Company  
ELEVATION: 2635' Gr

DAILY PROGRESS REPORT

- 1.11.85 DST #5: 4006-40' (K zone) 30-60-60-120  
Tool opened with strong blow in 2 mins, 2nd open with strong blow in 8 mins. Rec 370' mud & 480' mud cut salt water with trace of oil. Grind out 54% mud, 46% water with trace of oil. Chlorides 56,000 ppm, mud filtrate 7,000 ppm.  
IHP 2016  
IFP 116-193  
ISIP 1591  
FFP 257-408  
FSIP 1112  
FHP 1993  
BHT 122°F
- 1.12.85 DST #6: 4040-58' (Middle Creek) 30-60-60-120  
1st open strong blow in 4 mins, 2nd open strong blow in 5 mins. Rec 315 SOCM, 720' VSO&SMCW. Grind out 21' oil, 264' mud, 750' water, chlorides 68,000, mud filtrate 7000.  
IHP 1981  
IFP 116-420  
ISIP 559  
FFP 455-459  
FSIP 559  
FHP 1958  
Temp 124°F
- 1.13.85 Circ. @ 4090'.  
DST #7: 4063-73' (L-zone) 30-30-30-30  
Tool opened w/weak blow, died in 27 mins, 2nd open no blow, rec 20' mud, N.S.  
IHP 2027  
IFP 23-23  
ISIP 35  
FFP 23-23  
FSIP 35  
FHP 2004  
Temp 125°F
- 1.14.85 Circ @ 4205'.  
DST #8: 4095-4125' (Upper of Marmaton) 60-60-60-120  
Tool opened w/fair blow in 30 mins, 2nd open fair blow in 23 mins. Rec 165' gassy OCM. Grind out 136' oil, 23' mud, 6' gas, approx .67 bbls oil.  
IHP 2062  
IFP 46-58  
ISIP 1020  
FFP 70-81  
FSIP 1043  
FHP 2039  
Temp 126°F

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CONSERVATION DIVISION  
Wichita, Kansas

CONTRACTOR: White & Ellis Drilling Company  
ELEVATION: 2635' Gr

DAILY PROGRESS REPORT

1.15.85 DST #9: 4177-4205 (Basal Marmaton) 60-60-60-120  
Tool opened w/fair blow, increased to strong in 50 mins,  
2nd open weak blow throughout, rec 150' OCMW.  
Grind out 12' oil, 75' mud, 63' water, CL water 68,000,  
mud fil 10,000.  
IHP 2108  
IFP 46-58  
ISIP 303  
FFP 70-81  
FSIP 292  
FHP 2085  
Temp 128°F

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1.16.85 DST #10: 4230-72' (Myrick Station) 45-90-60-120  
Tool opened w/strong blow in 3 mins. 2nd open strong  
blo in 4 mins. Rec 470' GIP, 400' GW&MCO, 420 GO&MCW,  
780' SG&OCW. Grind out 141 gas (9%), 355' oil (22%),  
142 mud (9%), 962' water (60%). Cl ppm, mud fil  
9,000 ppm.  
IHP 2142  
IFP 81-350  
ISIP 1123  
FFP 385-605  
FSIP 1100  
FHP 2085  
Temp 122°

1.17.85 @ 4296', circulating for samples.  
DST #11: 4272-96' (Ft. Scott) 30-30-30-30  
Weak blow died in 20 mins, 2nd open no blow, rec 5' mud  
N.S.  
IHP 2165  
IFP 35-35  
ISIP 986  
FFP 35-35  
FSIP 362  
FHP 2108  
BHT 122°F  
T.D. 4435'

1.18.85 Logging.  
P&A. Plugs: 2040' w/50 sxs  
1320' w/60 sxs  
750' w/50 sxs  
40' w/10 sxs

Rat hole w/15 sxs  
Total 185 sxs 60/40 pozmix, 2% gel, 3% CaCl  
Completed @ 2:00 AM.

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State Geological Survey  
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