

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
San Antonio
City/State/Zip Texas 78286

Purchaser.....

Operator Contact Person John W. Stewart
Phone (512) 826-0700

Contractor: License # 5420
Name White & Ellis Drilling, Inc.

Wellsite Geologist Tyler H. Sanders
Phone (316) 684-2373

Designate Type of Completion

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

If OWNO: old well info as follows:

Operator.....
Well Name.....
Comp. Date..... Old Total Depth.....

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

6.12.85 6.23.85 6.23.85
Spud Date Date Reached TD Completion Date
4640'
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 217 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 0 feet depth to 217' w/ 135 SX cmt

API NO. 15-101-21,177-0000
County Lane
SE SW SE Sec. 31 Twp 18 Rge. 30 East West

330 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

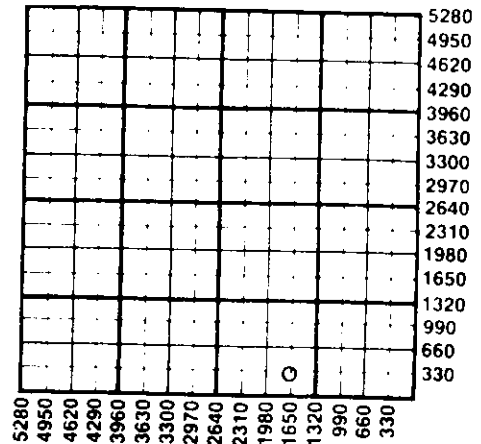
Lease Name Delmar Whiting Well # 1

Field Name Wildcat

Producing Formation Dry

Elevation: Ground 2899' KB 2904

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # Dry hole

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 27 Twp 18 Rge 30 East West

Fresh water well - 25' N-660' W
 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 [Signature] ✓

Title Engineer Date 7.12.85

Subscribed and sworn to before me this 12th day of July 1985

Public Doris F. Land [Signature]

Commission Expires 11.30.88



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

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JUL 19 7-19-85 CONSERVATION DIVISION Wichita, Kansas

Form ACO-1 (7-84)

Sec 31 Twp 18 Rge 30

Operator Name Osborn Heirs Company Lease Name Delmar Whiting Well # 1

Sec. 31 Twp. 18S Rge. 30 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
Upper Anh	2203	
Lower Anh	2247	
Base Anh	2264	
HB	3911	
Tor	3925	
Ls	3956	
Muncie Creek	4132	
Stark	4244	
KBC	4329	
Mm	4357	
Paw	4448	
FtS	4490	
Ck	4511	
Jn zn	4552	
Miss	4584	
LTD	4640	

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	Type and Percent Additives
Surface.....	.12 1/2	.8-5/8	24	217'	Pozmix	135	2% gel, 3% CO
.....
.....
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						
P&A	<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

DST #1: 4202-20 (J zone) 30-60-45-90
 Tool open w/strong blow off bottom of bucket in 7 mins.
 Second open strong off bottom in 8 mins.
 Rec 1260' sulfur water. 30,000 ppm cl.
 IHP 2091
 IFP 121-362
 ISIP 1078
 FFP 406-580
 FSIP 1078
 FHP 2069
 Temp 130°F
 Circ samples 4275. N.S.

DST #2: 4282-4310 (Middle Creek-Hertha) 60-60-60-120
 Tool open w/weak blow, inc to 3".
 Second open w/weak blow inc to 1/2".
 Rec 5' OCM (20% oil, 5% water, 75% mud) and 240' MCW,
 21,000 ppm Cl. Mud filtrate 3,000 ppm Cl.
 IHP 2134
 IFP 66-88
 ISIP 1121
 FFP 132-154
 FSIP 1131
 FHP 2112
 BHT 128°
 Tool slid 3' to bottom at 1st open.

DST #3: 4483-4514 (Ft. Scott) 60-60-60-120
 First open weak blow increased to bottom w/bucket in
 32 mins.
 Second open weak blow increased to bottom in 8 mins.
 Rec. 479' GIP, 60' BHOCM, 181 clean gassy oil, 61'
 55% gas, 45% oil; 60' 15% gas, 70% oil, 15% mud;
 60' 50% gas, 35% oil, 15% mud; 60' 15% gas, 40% oil,
 45% mud.
 IHP 2244
 IFP 77-88
 ISIP 926
 FFP 110-132
 FSIP 1034
 FHP 2220
 Temp
 Total grind out 81.55' gas (34%), 114.45 oil (47%),
 45' mud (19%)

DST #4: 4527-70 (Johnson zone) 30-30-30-30-
 1st open weak blow died in 6 mins.
 2nd open no blow.
 Flushed tool, no help.
 Rec 5' mud
 IHP 2274
 IFP 66-66
 ISIP 307
 FFP 66-66
 FSIP 99
 FHP 2252
 BHT 130°

DST #5: 4567-89 (Basal Penn.) 30-30-30-30
 1st open weak blow died in 6 mins.
 2nd open no blow, flushed tool, no help.
 Rec 5' OCM (10% oil)
 IHP 2317
 IFP 55-55
 ISIP 99
 FFP 55-66
 FSIP 77
 FHP 2295
 BHT 130°
 Total depth 4640'.

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7-19-85
 CONSERVATION DIVISION
 Kansas