



SIDE ONE

*Handwritten initials 'Lnd' and a circled 'P' in the top right corner.*

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 # 5393  
Name A.L. Abercrombie, Inc.  
Address 801 Union Center  
150 N. Main  
City/State/Zip Wichita, KS 67202

Purchaser Murphy Oil Co.

Operator Contact Person Jack K. Wharton  
Phone 316-262-1841

Contractor: License # 5422  
Name Abercrombie Drilling, Inc.

Wellsite Geologist Mark Galyon  
Phone 316-262-1841

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

8/02/85 4700' 8/24/85  
Spud Date Date Reached TD Completion Date

4700' 4650'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 327' feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1674' feet

If alternate 2 completion, cement circulated from 1674' feet depth to surface / 600' sx cmt

API NO. 15-109-20-393  
County Logan  
NW SW NE Sec 28 Twp 11S Rge 33  East  West

3630 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Hubert 'B' Well # 5

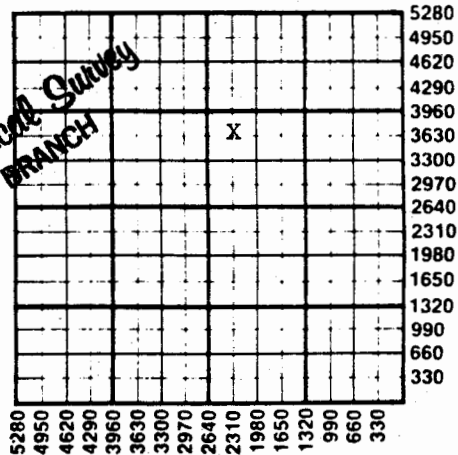
Field Name Hubert

Producing Formation Cherokee

Elevation: Ground 3123' KB 3128'

Section Plat

*SEP 09 1985  
State Geological Survey  
WICHITA BRANCH*



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # None  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 4950 Ft North from Southeast Corner  
(Well) 3630 Ft West from Southeast Corner of  
Sec 28 Twp 11S Rge 33  East  West

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

Other (explain)

Flowing  Pumping  Gas Lift  Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
30 Bbls		MCF	None Bbls		CFPB

**SIDE TWO**

Operator Name A.L. Abercrombie, Inc. Lease Name HUBERT 'B' Well # 5

Sec. 28 Twp. 11S Rge. 33  East  West County Logan

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
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DST #1: (4194' - 4232') 30-30-30-30. Rec. 10' Gsy. Oil Sptd. Mud. IFPs: 71-81# ISIP: 1022# FFPs: 81-81#, FSIP: 971#	<table border="0" style="width:100%"> <tr> <th align="left">Name</th> <th align="left">Top</th> <th align="left">Bottom</th> </tr> <tr> <td>Anhydrite</td> <td>2598' (+ 530)</td> <td></td> </tr> <tr> <td>B/Anhydrite</td> <td>2634' (+ 494)</td> <td></td> </tr> <tr> <td>Heebner</td> <td>4018' (- 890)</td> <td></td> </tr> <tr> <td>Toronto</td> <td>4047' (- 919)</td> <td></td> </tr> <tr> <td>Lansing</td> <td>4063' (- 935)</td> <td></td> </tr> <tr> <td>Stark</td> <td>4283' (-1155)</td> <td></td> </tr> <tr> <td>B/KC</td> <td>4341' (-1213)</td> <td></td> </tr> <tr> <td>Marmaton</td> <td>4376' (-1248)</td> <td></td> </tr> <tr> <td>Pawnee</td> <td>4479' (-1351)</td> <td></td> </tr> <tr> <td>Ft. Scott</td> <td>4535' (-1407)</td> <td></td> </tr> <tr> <td>Chero. Shale</td> <td>4563' (-1435)</td> <td></td> </tr> <tr> <td>Johnson</td> <td>4605' (-1477)</td> <td></td> </tr> <tr> <td>Mississippi</td> <td>4670' (-1542)</td> <td></td> </tr> <tr> <td>LTD</td> <td>4693' (-1565)</td> <td></td> </tr> <tr> <td>DTD</td> <td>4700'</td> <td></td> </tr> </table>	Name	Top	Bottom	Anhydrite	2598' (+ 530)		B/Anhydrite	2634' (+ 494)		Heebner	4018' (- 890)		Toronto	4047' (- 919)		Lansing	4063' (- 935)		Stark	4283' (-1155)		B/KC	4341' (-1213)		Marmaton	4376' (-1248)		Pawnee	4479' (-1351)		Ft. Scott	4535' (-1407)		Chero. Shale	4563' (-1435)		Johnson	4605' (-1477)		Mississippi	4670' (-1542)		LTD	4693' (-1565)		DTD	4700'	
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DST #2: (4260' - 4286') (180' zone) 30-45-30-45. Rec. 10' Oil Spkd Mud. IFPs: 30-30 ISIP: 61#, FFPs: 40-40# FSIP: 51#																																																	
DST #3: (4562' - 4640') (Johnson Zone) 30-45-60-45 Rec. 436' Fluid: 60' Oil Sptd. Mud, 94' VHO&GCM (25% gas, 20% oil, 55% mud), 188' VH&MCO (10% gas, 65% Oil, 25% mud), 94' VHM&WCO (30% gas, 50% oil, 8% mud, 12% water) IFPs: 51-103#, ISIP: 414# FFPs: 145-197#, FSIP: 394#																																																	

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 1/2"	8 5/8"	20#	327'	60-40 poz	225	2% gel, 3% C.C.	
Production	7 7/8"	4 1/2"	10 1/2#	4695'	50-50 poz	50	2% gel, 12.5# Gils.	
					65-35 poz	200	10% Salt, .75% CFR2	
					50-50 poz	600		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth		
4	4607' - 4610'			500 gal. 15% INS		4610'		
				1500 gal. 15% N-E		4610'		
TUBING RECORD Size 2 3/8" Set At 4658 Packer at None								
				Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method						