Corrections on Perforations

AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY Compt.___

TYPE

F

C

SIDE	ONE
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Two (2) copies of this form shall be filed with mission, 200 Colorado Derby Building, Wichita, Kansas days after the completion of a well, regardless of he Attach separate letter of request if the information of the confidential, only file one copy. Information on record and Side Two will then be held confidential. Applications must be made on dual completion, confidential.	ow the well was completed. ation is to be held confidential. Side One will be of public
injection and temporarily abandoned wells. Attach one copy only wireline logs (i.e. electroneutron log, etc.). (Rules 82-2-105 & 82-2-125) KC	(320) 200
EXPIRATION DATE	6-30-83
OPERATOR Liberty Enterprises Inc.	API NO. 15-163-21,979-00-00
ADDRESS 308 W. Mill	COUNTY ROOKS
Plainville, Kansas 67663	FIELD WILLIAMS, NORTH
** CONTACT PERSON Charles G. Comeau PHONE 913-434-4686	PROD. FORMATION Simpson Sand & Kansas City
PURCHASER Ashland Oil, Inc.	LEASE Norman
D 0 D 201	WELL NO. #1
Ashland, Kentucky 41101	
- 1 - 111' - O- T	330 Ft. from N Line and
	1650 Ft. from W Line of
CONTRACTOR 308 W. Mill ADDRESS	the (Qtr.) SEC 5 TWP 10s RGE 18 (W
Plainville, Kansas 67663	
PLUGGING	WELL PLAT (Office Use Only
CONTRACTOR	• KCC V
ADDRESS	KGS
	CUD/PRP
TOTAL DEPTH 3770' PBTD 3758'	
SPUD DATE 3-16-83 DATE COMPLETED 5-10-83	- 5
ELEV: GR 2181' DF 2184' KB 2186'	
DRILLED WITH (CAMPANE) (ROTARY) (AMDR) TOOLS.	
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-38324	
Amount of surface pipe set and cemented (C=21,882) C=21,882) C=21,882) C=21,882)	DV Tool Used? No.
Injection, Temporarily Abandoned, OWWO. Other	Approximation of the contract
ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULAT AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.	TONS PROMULGATED TO REGULATE THE OIL
<u>A E F I D A V I T</u>	
	wing of lastal ago, horaby cortifies
that:	peing of lawful age, hereby certifies
I am the Affiant, and I am familiar with the c The statements and allegations contained therein ar	contents of the forceoing Affidavit.
	() certain
SUBSCRIBED AND SWORN TO BEFORE ME this 10	(Name) Charles G. Comeau
	day of May,
SHARON WILLIAMS NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 10 24:84	Sharan Williams
	(NOTARY PHRLIC)
MY COMMISSION EXPIRES:	RECEIVED Williams STATE CORPORATION COMMISSION
** The person who can be reached by phone regarding information.	MAY 2 7 1983 oncerning this
·	CUNSERVATION DIVISION Wichita, Kansas

5-10-83

Estimated

Production -IP.

Oil

Disposition of gas (vented, used on lease or sold)

ACO-1 WELL HISTORY (在) OPERATOR Liberty Enterprises Inc. LEASE Norman SEC. 5 TWP, 10s RGE 18 FILL IN WELL INFORMATION AS REQUIRED: WELL NO. #1 Show all important zones of perceity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION FORMATION DESCRIPTION, CONTENTS, ETC. TOP BOTTOM NAME DEPTH Check if no Drill Stem Tests Run. Anhydrite 1582 (+604) Topeka 3148 (-962) Heebner 3363 (-1177) shale and sand 0 ' 286' Toronto 3385 (-1199) shale and sand 286' 1100' Lansing/KC 3406 (-1220) shale and sand 1581' 1100' 3621 (-1435) Base/KC anhydrite 1671' 1581' Arbuckle 3754 (-1568) shale 1671' 1804' lime and shale 1804' 2195' shale and lime 2195' 2365' shale and lime 2365' 2608' lime and shale 26081 2780' lime and shale 2780 ' 2970' lime and shale 2970' 3135' lime and shale 3135' 3266' lime and shale 3365 3266' lime and shale 3477' 3365' lime and shale 3477' 3540' lime and shale 3540**'** 3600' lime and shale 3624' 3600' lime and shale 3624' 3700' lime and shale 3700**'** 3736' arbuckle 3736**'** 3740' arbuckle 3740**'** 3770' 3770' R.T.D. DST #1 DST #2 3548÷3624, 30-30-30-30 3728-3740, 30-30-30-30 Recovered 15' drilling Initial BHP 33# Recovered 20' drilling mud with few drilling mud spots of oil on top of tool Final BHP Initial BHP 217# 25# Final BHP 142# Initial FP 16-16# Initial FP 50-58# Final FP 16-16# Final FP 58-58# If additional space is needed use Page 2, Side 2 Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (NXXX) Size hole drilled Size casing set Weight lbs/ft. Purpose of string Setting depth Type and percent additives Type cement Sacks 12 1/4" 8 5/8" Surface casing 24# 285 ' 60-40 pos 160 2% <u>qel 3% c</u>c 7 7/8" Production 4 1/2" 9.5# 3769**'** 75 A.S.C. LINER RECORD PERFORATION RECORD Bettom, ft. Size & type Depth interval Tep, ft. Sacks cement Shots per ft. 8 per 1' 37 36 - 37 38 l per l' 3693-3696, 3678-368 TUBING RECORD 3654-64 should be this Setting depth 3597-3601 4 per 1' Packer set at 355**Š**-60-2 3/8" 37301 per 1' 356*9*-70**,** 3574-75 ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD Depth interval treated Amount and kind of material used 500 gallons 15% mud acid 3736-3738 <u>3693-3696, 3678-3682,</u> 3654-1000 gallons 15% mud acid should be this 35 97-3601 1000 gallons 28% Non E 3559 - 603569-70, 3574-75 1000 callons 15% mud acid Retreated three KC zones with 5000 gallons 28% acid Producing method (flowing, pumping, gas lift, etc.) Date of first production Gravity 27°

> 5 bbis. Perforations

%

MCF

Gas-oil ratio

CFPB

Pumping

bbis

Gas

Com-

ACO-1 WELL HISTORY Compt

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SIDE																	
	Two	(2)	copies	of	this	form	shall	be	filed	with	the	Kans	as	Cor	pora	ation	1

mission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal,

injection and temporarily abandoned wells. Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238. ____ No Log EXPIRATION DATE 6-30-83 5562 LICENSE # API NO. 15-163-21,979 - 🛷 - 🌣 Liberty Enterprises Inc. OPERATOR Rooks COUNTY 308 W. Mill ADDRESS FIELD Williams NORTH Plainville, Kansas 67663 PROD. FORMATION Simpson Sand & ** CONTACT PERSON Charles G. Comeau Kansas City PHONE 913-434-4686 (KC - NEW Pay) Norman LEASE PURCHASER Ashland Oil, Inc. #1 WELL NO. P.O. Box 391 ADDRESS WELL LOCATION NW NE NW Ashland, Kentucky 41101 330 Ft. from ___ Line and Pioneer Drilling Co., Inc. N DRILLING CONTRACTOR 1650 Ft. from ____ W Line of 308 W. Mill ADDRESS (Qtr.) SEC 5 TWP 10s RGE 18 (W). Plainville, Kansas 67663 WELL PLAT (Office PLUGGING Use Only) CONTRACTOR KCC ✓ ADDRESS KGS SWD/REP PBTD 3758' TOTAL DEPTH 3770' PLG. SPUD DATE 3-16-83 DATE COMPLETED 5-10-83 2181' 2184 \mathbf{DF} KB DRILLED WITH (XXXXX) (ROTARY) (XXX) TOOLS. DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-38324 Amount of surface pipe set and cemented DV Tool Used? THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL

<u>A</u>	<u>F</u> <u>F</u> <u>I</u> <u>D</u> <u>A</u> <u>V</u> <u>I</u> <u>T</u>		
Charles G. Comeau	, b	peing of lawful age, hereby cer	tifies
that:	•		
		contents of the foregoing Affid	avit.
The statements and allegations co	ontained therein ar	ce true and correct	
		Laston	
		(Name)	
CHRCOTTEN AND CHORN TO BEE	ODE ME this is	Charles G. Comeau	
SUBSCRIBED AND SWORN TO BEFO	ORE ME this	day of Than	, ,
1 / A D	ARON WILLIAMS	, g ·	
N N	OTARY PUBLIC ATE OF KANSAS		
	RES 10-24-84	Sharon Williams	
		(NOTARY PUBLIC)	
MY COMMISSION EXPIRES:		Sharon Williams	

RECEIVED STATE COPPORATION COMMISSION

AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

** The person who can be reached by phone regarding any questions concerning this information. MAY 1 1 1983

CONSERVATION DIVISION Wichita, Kansas

SIDE TWO ACO-1 WELL HISTORY (W) Liberty Enterprises Inc. LEASE Norman OPERATOR SEC. 5 TWP, 10s RGE 18 WELL NO. #1 FILL IN WELL INFORMATION AS REQUIRED: SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION. Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. FORMATION DESCRIPTION, CONTENTS, ETC. NAME Check if no Drill Stem Tests Run. 1582 (+604) Anhydrite Topeka 3148 (-962) Heebner 3363 (-1177) shale and sand 01 286 Toronto 3385 (-1199) shale and sand 286' 1100' 3406 (-1220) Lansing/KC 1100' shale and sand 1581' Base/KC 3621 (-1435) anhydrite 1581' 1671' 3754 (-1568) Arbuckle 1671' 1804' shale lime and shale 1804' 2195' 2195' shale and lime 2365' shale and lime 2365' 2608' lime and shale 2608' 2780' lime and shale 2780' 2970' 2970' lime and shale 3135' lime and shale 3135' 3266' lime and shale 3266' 3365**'** lime and shale 3365' 3477' 3477**'** lime and shale 3540' lime and shale 3540' 3600' 3600' lime and shale 3624' lime and shale 3624' 3700' lime and shale 3700' 3736' arbuckle 3736 3740**'** arbuckle 3740' 3770**'** 3770' R.T.D. DST #2 3728-3740, 30-30-30-30 DST #1 3548-3624, 30-30-30-30 Recovered 20" drilling mud with few Recovered 15' drilling mud spots of oil on top of tool Initial BHP 33#

Initial BHP 217# Final BHP 142#

50-58#

58-58#

Initial FP

Final FP

Final BHP Initial FP 25# 16-16# Final FP 16-16#

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD

(New) or (XXXX)

Purpose of string	Size hole drilled	Size casing set	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface casing	12 1/4"	8 5/8"	24#	· 285 '	60-40 pos	160	2% qel 3% cc
Production	7 7/8"	4 1/2"	9.5#	3769 '	A.S.C.	7 5	
				,			

LINER RECORD				PERFORATION REC	ORD
Top, ft. Bottom, ft. Sacks cement			Shots per ft. 8 per 1'	Size & type	Depth interval 3736–3738
	TUBING RECOI	RD	1 per 1'		3693-3696, 3678-3682 3654-64
Sixe 2 3/8"	Setting depth	Packer set at	4 per 1' 1 per 1'		3597-3601 3569-70, 3574-75

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amou	nt and kind of material used	Depth interval treated
500 gallons 15% mud acid 1000 gallons 15% mud acid	. The second of	3736-3738 3693-3696, 3678-3682, 3654-6
1000 gallons 28% Non E 1000 gallons 15% mrd acid	35 97 – 3601 356 9–70 – 3574–75	
Retreated three KC zones	with 5000 gallons 28% acid	
Date of first production 5–10–83	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 27°
Estimated Production -I.P.	Gas Water 6 bbis. MCF	Gas-oil ratio 5 bbls. CFPB

Disposition of gas (vented, used on lease or sold)

Perforations