#### SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION	API NO. 15- 163-23,066-00-00
WELL COMPLETION FORM ACO-1 WELL HISTORY	County Rooks Approx. East
DESCRIPTION OF WELL AND LEASE	ApproxEast
Operator: License # 8925	1980 Ft. North from Southeast Corner of Section
Name: Liberty Operations & Completions Inc.	
Address 308 West Mill	(NOTE: Locate well in section plat below.)
	Lease Name Vine Well # 1
City/State/Zip Plainville, KS 67663	Field Name
Purchaser:	Producing Formation None
Operator Contact Person: David Comeau	Elevation: Ground 2005' KB 2010'
	Total Depth 3647' PBTD
Phone (913)-434-4686	5280
Contractor: Name: Emphasis Oil Operations	4950 4620
License: 8241	RECEIVED 4290 3960
wellsite Geologist: Chilib Mcd2	1 1 3300 1
	C 1 9 1989
X New Well Re-Entry Workover	7-19-1989 2310 1980 1980 1850 Dah
OilSWDTemp. Abd. Wi	MINITAL KARKAR CARLON AND THE
x Dry Other (Core, Water Supply, etc.)	1320 990 660
If OMMO: old well info as follows:	330
Operator:	5280 4850 4620 4620 3960 3960 3300 22310 1930 1930 1930 1930 1930 1930 1930 1
Well Name:	Amount of Surface Pipe Set and Cemented at Fee:
Comp. Date Old Total Depth	Multiple Stage Cementing Collar Used? Yesx No
Drilling Method:	If yes, show depth set Feet
Mud Rotary Air Rotary Cable	If Alternate II completion, cement circulated from
12/1/89 12/9/89 Spud Date Date Reached TD Completion Date	feet depth tow/sx cmt.
INSTRUCTIONS: This form shall be completed in triplicate a Derby Building, Wichita, Kansas 67202, within 120 days	of the spud date of any well. Rule 82-3-130. 82-3-107 and
writing and submitted with the form. See rule 82-3-	be held confidential for a period of 12 months if requested in 107 for confidentiality in excess of 12 months. One copy of all
wireline logs and drillers time log shall be attached with	this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP 4
form with all plugged wells. Submit CP-111 form with a conversion of a well requires filing of ACO-2 within 120 da	all temporarily abandoned wells. Any recompletion, workover or yes from commencement date of such work.
All requirements of the statutes, rules and regulations promul with and the statements herein are complete and correct to t	lgated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Chartonia A Maga	K.C.C. OFFICE USE ONLY
	F Letter of Confidentiality Attached
Subscribed and sworn to before me this 18th day of	C Drillers Timelog Paceived
19 89.	Distribution
Notary Public Althy Canallo	KCCSWD/RepNGPA
Date Commission Expires //0-27-93 BETTY JANZ	

NOTARY PUBLIC - State of Kansas
BETTY JANATELLO
My Appt. Exp. 10-27-23

(Specify)

Form ACO-1 (7-89)

# 15-163-23066-00-00

## ORIGINAL

SIDE TWO

Operator Name Libe	rty Operat	ions & Complet	ions Lease Name	Vine		Well #	1
		☐ East Inc.	County	Rooks			
Sec. 33 Twp. 10S	Dec 10	West	•				
INSTRUCTIONS: Show interval tested, time hydrostatic pressures if more space is need	e tool <mark>open a</mark> , bottom hole	nd closed, flowing temperature, fluid re	and shut-in pres	sures, wheth	ner shut-in pre	ssure read	ched static level.
Drill Stem Tests Take (Attach Additional		Formation Description					
Samples Sent to Geolo	gical Survey	Yes No			∑ <sub>Log</sub> □	Sample	
Cores Taken		Yes No	Name Anhydrit	0	тор 1358 ( +6!	Bott	от
Electric Log Run (Submit Copy.)		Yes No	Anh. Bas		1392 ( +6	L8 )	
	RADIATION	GUARD	Topeka Heebner Toronto Lansing Base Kan Marmaton Simpson Arbuckle	<u>-</u>	2986 ( -9' 3205 (-119 3221 (-12) 3246 (-12) 3467 (-145 3491 (-146 3571 (-156	95) 11) 36) 57) 31)	
		CASING RECORD	***************************************		3372 ( 130	) 4 ]	
	Report a	ll strings set-condu			production, et	с.	!
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 4"	8 5/8"		220'	55	?	
Shots Per Foot	PERFORATIO Specify Foota	<b>N RECORD</b> ge of Each Interval	Perforated		<b>Fracture, Shot,</b> d Kind of Mater		ueeze Record Depth
			•				
			,				
TUBING RECORD	Size						
TOBING RECORD	31Ze	Set At	Packer At	Liner Run	☐ Yes ☐	No	!
Date of First Produc	tion Produci	ng Method Flowing	Pumping G	as Lift 🗆 (	Other (Explain)		
Estimated Production Per 24 Hours	oil N/	Bbls. Gas N/	Mcf Wate	Bbls.	Gas-Oil	Ratio	Gravity
Disposition of Gas:		<del></del>	THOO OF COMPLETI	ON		F	Production Interval
Vented Sold (If vented, sub			Hole Perfo	ration [ ]	Dually Complete	d Comm	ingled
		└─ Othe	r (Specify)			-	

### ORIGINAL

#### SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 163-23,066-00-00					
OIL & GAS CONSERVATION DIVISION	County Rooks					
WELL COMPLETION FORM  ACO-1 WELL HISTORY  DESCRIPTION OF WELL AND LEASE	Approx.         East           W/2         NE         SE         Sec. 33         Twp. 10S         Rge. 18         X         West					
Operator: License # 8925	1980 Ft. North from Southeast Corner of Section					
Name: Liberty Operations & Completions	1040 Ft. West from Southeast Corner of Section (NOTE: Locate well in section plat below.)					
Address 308 W. Mill Inc.						
Addiess 600 W. TITT	Lease Name Vine Well # 1					
city/State/Zip Plainville, Ks. 67663	Field Name					
	Producing Formation					
Purchaser:	Elevation: Ground 2005' KB 2010'					
Operator Contact Person: David Comeau	Total Depth3647' PBTD					
Phone ( <u>913</u> ) <u>434-4686</u>	5280					
Contractor: Name: Emphasis Oil Operations	4950					
License: 8241	RECEIVED 4290					
Wellsite Geologist: Chris Mraz	GRPORATION COM TIMISSION 3980 3300 3300 2970					
X New Well Re-Entry Workover	B 7 1990 D 07-1990 1980					
Gas Inj Delayed Comp. X Dry Other (Core, Water Supply, etc.)	990 660					
If OMNO: old well info as follows: Operator:						
Well Name:	Amount of Surface Pipe Set and Cemented at Feet					
Comp. DateOld Total Depth	Multiple Stage Cementing Collar Used? Yes X No					
Drilling Method: Air Rotary Cable	If yes, show depth setFeet					
12-1-89         12-9-89         12-9-89           Spud Date         Date Reached TD         Completion Date	If Alternate II completion, cement circulated from					
Spud Date Date Reached TD Completion Date	feet depth tow/sx cmt.					
Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with	be held confidential for a period of 12 months if requested in -107 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 all temporarily abandoned wells. Any recompletion, workover or					
All requirements of the statutes, rules and regulations promu with and the statements herein are complete and correct to	ilgated to regulate the oil and gas industry have been fully complied the best of my knowledge.					
Signature Christopha A Mucro Title Exploration Manager Date 2  Subscribed and sworn to before me this 6 day of FEBR 19 90.	C Drillers Timelog Received					
Notary Public Susan Meyers & SUSAN Notary Public Susan Meyers & Notary Public Notary N	KCC SWD/Rep NGPA  State of Kenese  KGS Plug Other  (Specify)					

### SIDE TWO

perator Name Libe	rty Operat	ions &	Completion	Ons Lease Name	Vine		Well # _	11
·		Fast	•	County				
c. <u>33</u> Twp. <u>10S</u>	Rge. <u>18</u>	X West		T GEOLOGICA				
STRUCTIONS: Show i terval tested, time drostatic pressures more space is need	e tool open am , bottom hole m	and base nd closed temperatur	, flowing an e, fluid rec	d shut-in press	ures. Wheth	er snut-in pres	ssure reac	ned static leve
ill Stem Tests Take (Attach Additional		☐ Yes	□ No	Formation Description				
mples Sent to Geold	gical Survey.	☐ Yes	X No		[	☑ Log □	Sample	
res Taken		Yes	X No	Name		Тор 1358 (	<b>Bott</b> +652)	om
ectric Log Run (Submit Copy.)		Yes	No	Anhydrite Anh. Base Topeka Heebner Toronto Lansing Base Kan. Marmaton Simpson Arbuckle		1392 ( 2986 ( 3205 ( 3221 ( 3246 ( 3467 ( 3491 ( 3571 (	+618) -976) -1195) -1211) -1236) -1457) -1481) -1561) -1582)	
urpose of String	Report a	ll string	sing RECORD s set-conduc Casing	New Us		Type of	# Sacks	Type and Perce
	Drilled		(In O.D.)	Lbs./Ft.	Depth	Cement	Used	Additives
Surface	<u>.12 ¼"</u>	8	5/8"	20#	217'	60-40 poz	135 sx	2%gel, 3%c
				A STATE OF THE STA				
Shots Per Foot	PERFORATION Specify Foota		h Interval P	erforated	Acid, (Amount an	Fracture, Shot, d Kind of Mater	Cement So ial Used)	pueeze Record Depth
				_				
TUBING RECORD	Size	Set	: At	Packer At	Liner Run	☐ <sub>Yes</sub> ☐	No	
Date of First Produ	ection Produc	ing Method	J <sub>Flowing</sub>	Pumping G	as Lift 🗌	Other (Explain)	)	
Estimated Production Per 24 Hours	on Oil	Bbls.	. Gas	Mcf Wate	r Bbls.	. Gas-Oil	Ratio	Gravity
isposition of Gas:	J. paperson and a second		ME	THOO OF COMPLET				Production Inte
Vented Solo		Lease	Open.	Hole Perfo	ENGINEERS CO. LACS CO. CO.	Dually Complete	ed U Comi	mingled
			Approximation of the second	人 克莱克人 。	The state of the s	-		