

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 # 8925
name Liberty Operations & Completions, Inc.
address 308 West Mill
City/State/Zip Plainville, Kansas 67663

Operator Contact Person Charles G. Comeau
Phone 913-434-4686

Contractor: license # 5665
name Pioneer Drilling Company, Inc.

Wellsite Geologist NA
Phone NA

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 Musgrove Petroleum Corporation
Well Name Vohs #1
Comp. Date 12-19-52 Old Total Depth 3685'

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

6-2-84 6-3-84 plugged 6-29-84
Spud Date Date Reached TD Completion Date

3695' 3670'
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 192' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-163-00452-00-01

County ..Rooks.....

SW SW NE Sec 19 Twp 10S Rge 18 East West

2970..... Ft North from Southeast Corner of Section
2310..... Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

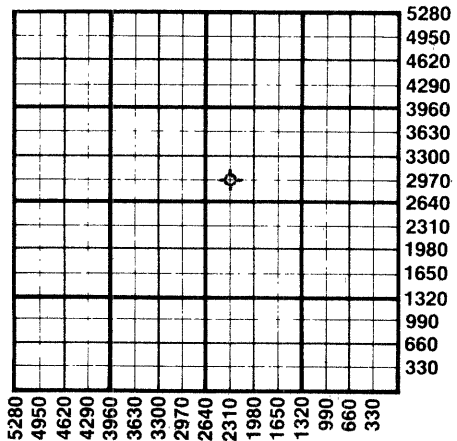
Lease Name ..Vohs..... Well# 1. OWWO.

Field Name

Producing Formation

Elevation: Ground 2075' KB 2080'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # NA

Groundwater..... Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge East West

Surface Water..... Ft North From Southeast Corner and (Stream, Pond etc.)..... Ft West From Southeast Corner Sec 19 Twp 10S Rge 18 East West

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

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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.

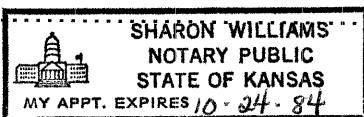
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Charles G. Comeau
Title Petroleum Geologist
Date 7-23-84

Subscribed and sworn to before me this 23rd day of July 1984

Notary Public Sharon Williams
Date Commission Expires Sharon Williams



RECEIVED
STATE CORPORATION COMMISSION
JUL 24 1984
07-24-1984
CONSERVATION DIVISION
Wichita, Kansas

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

Form ACO-1
(This form supercedes
previous forms
ACO-1 & C-10)

Sec. 19 Twp. 10S Rge. 18E

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Vohs OWO Well# 1 SEC 19 TWP 10S RGE 18 East West

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

TOPS
 ANHYDRITE 1453 (+633)
 TOPEKA 3068 (-988)
 HEEBNER 3285 (-1205)
 TORONTO 3303 (-1223)
 LANSING/KC 3322 (-1242)
 BASE/KC 3554 (-1474)
 ARBUCKLE 3664 (-1584)

Name	Top	Bottom
washdown	0'	316'
washdown	316'	2900'
washdown	2900'	3695'
	3695'	R.T.D.

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 Production	7 7/8"	4 1/2"	10.5#	192' 3687'	A.S.C.	150	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	
1	3600-3620, 3572-3582, 3519, 3502, 3485, 3412, 3369	750 gal. 15% mud acid	3572-3582
2	3537-3540, 3250-3253	750 gal. 15% mud acid 500 gal. 15% mud acid, 1000 gal. 15% gel acid 2500 gal. 15% gel acid 3519, 3502, 3485, 3412, 3369 250 gal. 15% mud acid	3600-3620 3537-40 3250-3253

TUBING RECORD			Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at		

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)			
	Oil	Gas	Water	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB

METHOD OF COMPLETION
 open hole perforation
 other (specify) _____
 Dually Completed
 Commingled

PRODUCTION INTERVAL

Disposition of gas: vented
 sold
 used on lease