

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 # 9163
Name Jandie Oil Company, Inc
Address P.O. Box 1585
Great Bend, Kansas 67530
City/State/Zip

Purchaser: Clear Creek, Inc

Operator Contact Person Freddie D. Walls
Phone (316) 793-7288

Contractor: License # 6039
Name L. D. Drilling, Inc

Wellsite Geologist Richard G. Smith
Phone 792-2871

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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

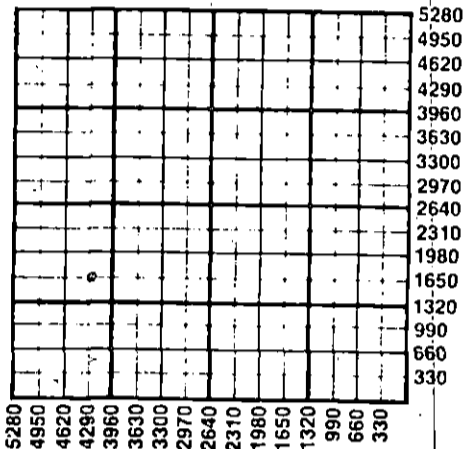
Drilling Method:
 Mud Rotary Air Rotary Cable
1-15-86 1-21-86 1-31-86
Spud Date Date Reached TD Completion Date
3640 3620
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 300 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. 15-185-22,343-0000
County STAFFORD

SE NW SW Sec. 30 Twp. 21 Rge. 11
1650 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name DUGGAN Well # 1
Field Name Sand Hills
Producing Formation Arbuckle
Elevation: Ground 1786 KB 1792
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # T-86-23
 Groundwater 1650 Ft North from Southeast Corner
(Well) 4290 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 Twp Rge East West
 Other (explain) (purchased from city, R.W.D. #)

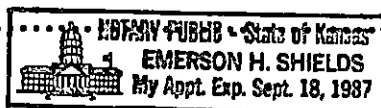
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held 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 Freddie D. Walls
Title General Manager Date 02-05-86

Subscribed and sworn to before me this 10th day of February 1986
Notary Public Emerson H. Shields

Date Commission Expires



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)

Form ACO-1 (7-84)
FEB 12 1986
CONSERVATION DIVISION

Sec 30 Twp 21 Rge 11

SIDE TWO

Operator Name Jandie Oil Company, Inc Lease Name..... DUGGAN Well #..... 1

Sec..... 30 Twp..... 21 Rge..... 11 East West County..... STAFFORD

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

#1 DST 3485-3530/30-60-60-60/weak to fair blow; recovered 150' GIP; 90' sogcm (22% gas; 22% oil 56% mud) IHP 1857; IFP 33-44; ICIP 629; FFP 55-55; FCIP 541; FHP 1825; Temp 101F

#2 DST 3524-3545/30-60-60-60/weak to fair blow; recovered 255' GIP; 45' ogcm (15% gas 23% oil; 62% mud) IHP 1880; IFP 33-22; ICIP 132; FFP 33-33; FCIP 77; FHP 1847; Temp 103F

#3 DST 3545-3562/30-60-60-60/weak to strong blow; recovered 1260' GIP; 30' ogcm; 180' frothy oil; IHP 1914; IFP 44-55; ICIP 1009 FFP 88-99; FCIP 678; FHP 1881; Temp 106F

Name	Top	Bottom
Anhydrite	532	551
Topeka	2875	3042
Heebner	3042	3046
Toronto	3060	3074
Douglas	3074	3194
Lansing	3194	3432
Marmaton	3432	3452
Conglomerate	3452	3501
Simpson Shale	3501	3522
Simpson Sand	3522	3532
Arbuckle	3532	3640
RTD		3640
LTD		3644

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	12.1/4"	8.5/8"	23#	300'	50/50 Poz	250	2% Gel, 3% CC
Production	7.7/8"	5.1/2"		3636'	50/50 Poz	25	2% gel 3/4 of 1% D-31
					60/40 Poz	125	3# D-7 per sack WS-10
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	3593-94; 3572-75; 3560-61; 3551-52; 3544-45; 3535-36			3,000 gallons 20% NE acid		3535-94	
TUBING RECORD 2 7/8" Set At 3579 Packer at None				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production 02-01-86		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil 35	Gas TSTM	Water 20	Gas-Oil Ratio	Gravity 38-39 ^o		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3535-94
 Used on Lease Dually Completed
 Commingled Arbuckle