

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 # 6039
Name L.D. Drilling, Inc.
Address RR 1 Box 183-B
City/State/Zip Great Bend, KS 67530

Purchaser Koch Oil Company
Wichita, Kansas 67202

Operator Contact Person L.D. Davis
Phone 316-793-3051

Contractor: License # 5864
Name Lobo Drilling Co.

Wellsite Geologist Kim Shoemaker
Phone 316-682-1537

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

9-23-86 9-29-86 10-8-86
Spud Date Date Reached TD Completion Date

3620'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 300'
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
Cement Company Name
Invoice #

API NO. 15-185-22,387.0000
County Stafford
C. NW SE Sec. 13. Twp. 21. Rge. 12. East West

1980 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

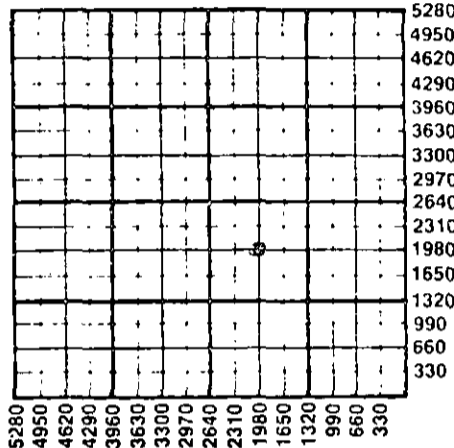
Lease Name Kasselman Well # 1

Field Name Sandago West

Producing Formation Arbuckle

Elevation: Ground 1832' 1837' KB

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 #

Groundwater 1980 Ft North from Southeast Corner
(Well) 1980 Ft West from Southeast Corner of
Sec 13 Twp 21 Rge 12 East West

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

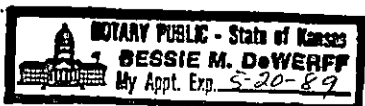
Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 L.D. Davis
Title President Date 10-30-86

Subscribed and sworn to before me this 30th day of October 1986
Notary Public Bessie M. DeWerff
Date Commission Expires 5-20-89



Rec'd 11-12-86

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)

Sec 13. Twp 21. Rge 12

Operator Name L.D. Drilling, Inc. Lease Name Kasselman Well # 1

Sec. 13 Twp. 21 Rge. 12 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

DST # 1 3216-3290 Time: 20-20-20-20
 Blow: week died in 8 min.
 Recovery: 15' mud w/few specks oil in top of tool
 IFP: 22-22 FFP: 23-23 ISIP: 24 FSIP: 24

DST # 2 3344-3410 Time: 45-45-45-45
 Blow: 1st open: strong blow off. bb in one min.
 2nd open: gas to surface in 25 min.
 Recovery: 330' froggy gassy oil
 IFP: 78-82 FFP: 139-145 ISIP: 1114 FSIP: 1095

DST # 3 3434-3502 Time: 45-45-45-45
 Blow: 1st open: 1/2" blow decreased to 1/8"
 2nd open: surface blow through out
 Recovery: 70' Oil specked mud
 IFP: 47-51 FFP: 68-70 ISIP: 1082 FSIP: 1056

DST # 4 3498-3510 Times: 30-45-30-45
 Blow: 1st open: blt to 9" lost mud & reset packer
 2nd open: weak blow 2" dec. to surf. blow.
 lost mud, re-set packer
 Recovery: 30' SOCM, 300' HOCM, 35% oil, 120' SOCM 8% oil.
 No pressures (MIS-RUN)

Name	Top	Bottom
Heebner	3059	(-1229)
Toronto	3077	(-1247)
Douglas	3091	(-1261)
Brown Lime	3184	(-1354)
Lansing K/C	3209	(-1379)
Base K/C	3437	(-1607)
Arbuckle	3496	(-1666)

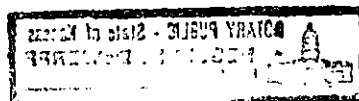
DST # 5 3436-3510 Times: 45-45-45-45
 Blow: 1st open: off BB in 19 min.
 2nd open: good blow blt to 8"
 Recovery: 200' slip, 400' muddy oil
 IFP: 82-86 FFP: 901 ISIP: 930 FSIP: 901

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	12"	8-5/8"	32#	300'	50/50poz	200	2% gel. 3% cc
Production	7-7/8"	5 1/2"	14#	3619'	Posmix	175	18% salt. 3/4 or 1% CFR2
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 spt	3574-3575			500 gal. 15% double strength			
8 holes	3566-3569						
2 SPF	3542-3546			500 gal. Mod. 202			
2 SPF	3515-3519			500 gal. Mod. 202			
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
		2 7/8"	3584'				
Date of First Production		Producing Method					
October 8, 1986		<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	Gas	Water	Gas-Oil Ratio	Gravity	
25 Bbls			MCF	25 Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

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



Perforation Record
Shots Per Ft.

4 SPF

4 SPF

2 SPF

Footage of each interval Perf.

3501-3504

3358-3361

3341-3344

Acid, Frac
Amount and kind

500 gal. 28%

750 gal. 28%

750 gal. 15%

750 gal. 28%

750 gal. 15%

4000 gal. 15%