

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 # 5474
Name Northern Lights Oil Co.
Address 212 North Market - #400
City/State/Zip Wichita, Kansas 67202

Purchaser

Operator Contact Person John W. Sutherland
Phone (316) 263-1008

Contractor: License # 5381
Name Big Springs Drilling, Inc.

Wellsite Geologist John Sutherland
Phone Kurt Smith (316) 263-1008

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc)

If OMWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

12-5-85 12-11-85
Spud Date Date Reached TD Completion Date

4155'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 303' 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

Cement Company Name
Invoice #

API NO. 15- 135 - 22,973
County Ness
SE SE NE 33 16S 21W West

2970 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

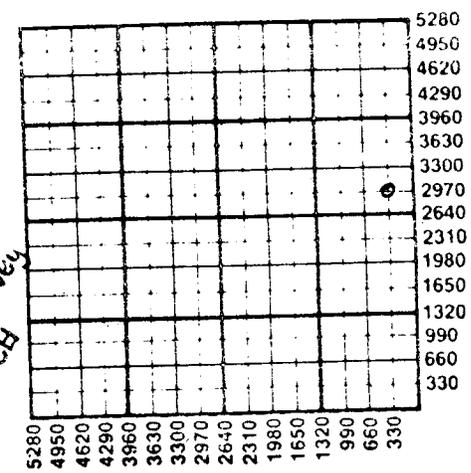
Lease Name Irvin Well # 1

Field Name

Producing Formation

Elevation: Ground 2219' KB 2224'

Section Plat



FEB 03 1986
Geological Survey
WICHITA BRANCH

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: Hauled
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner
(Well) 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.

SIDE TWO

Operator Name Northern Lights Oil Co. Lease Name..... Irvin Well #..... 1

Sec..... 33 Twp..... 16S Rge..... 21W East
 West County..... Ness

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 4065 - 4108 ft
 30 - 30 - 15 - 00
 1st: Weak steady blow 1/2" in bkt.
 2nd: No blow flushed tool no blow repeat
 Rec. 10 ft of drilling mud with scum of oil
 IFP 88 FFP 88
 ISIP 517 FSIP 00

Name	Top	Bottom
Anhydrite	1514	(+710)
Heebner	3609	(-1385)
Lansing	3650	(-1426)
BKC	3931	(-1701)
Pawnee	4006	(-1782)
Labett Shale	4075	(-1851)
Fort Scott	4090	(-1866)
#1 Cherokee Sand	4104	(-1880)
#2 Cherokee Sand	4126	(-1902)

CASING RECORD New 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#	303'	60-40 P0Z	175	2% gel 3% cc

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
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TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method
 Flowing Pumping Gas Lift Other (explain).....