

SIDE ONE

23-18-24W

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 # 8247
Name .. Robert F. Hembree
Address P.O. Box 458
City/State/Zip .. Ness City, Ks. 67560

Purchaser .. Inland Crude
..... Wichita, Ks.

Operator Contact Person .. Fred J. Hembree
Phone .. 913-798-3408

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

Wellsite Geologist .. Allen Munroe
Phone .. 303-674-5110

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 .. Luff Exploration Co.
Well Name .. Ummel G-23
Comp. Date .. 8-19-85 .. Old Total Depth .. 4340

WELL HISTORY

Drilling Method:

☒ Mud Rotary ___ Air Rotary ___ Cable

9-4-85 9-5-85 9-5-85

Spud Date Date Reached TD Completion Date

4354KB 4334KB

Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 864 feet

Multiple Stage Cementing Collar Used? ___ Yes ☒ No

API NO. 15-135-22,898-A

County .. Ness

.. C .. SW .. NE .. Sec. 23 Twp. 18s Rge. 24 .. East
.. X .. West

3300
..... Ft North from Southeast Corner of Section
1980
..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

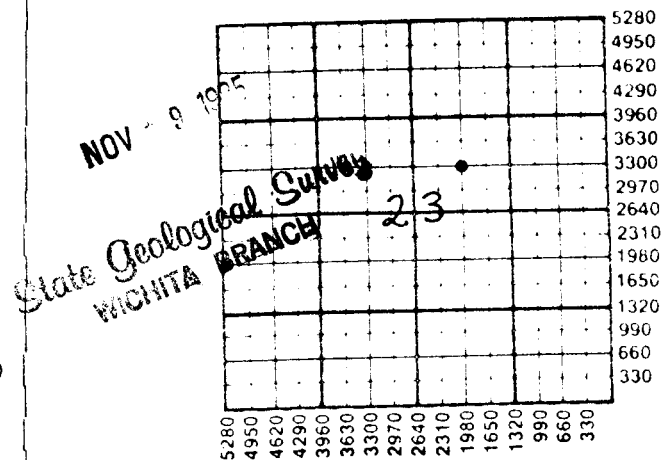
Lease Name .. Ummel Well # 1

Field Name .. Nirvana

Producing Formation .. Ft. Scott & Mississippi

Elevation: Ground .. 2284 .. 2289 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 .. Ft North from Southeast Corner
(Well) .. Ft West from Southeast Corner of

Sec Twp Rge ___ East ___ West

Surface Water .. Ft North from Southeast Corner

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	5 Bbls	MCF	17 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☒ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify) ..

4302-09 Miss..

SIDE TWO

25248

Operator Name Robert F. Hembree Lease Name Ummel Well # 1

Sec. 23 Twp. 18s Rge. 24 ☐ 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

See Attached

Name Top Bottom

Luff Exploration Co.
 G-23 Ummel
 SW-NE
 23-18s-24w
 2289 K.B.
 P&A

	Depth	Datum
ANHYDRITE	1546	+743
HEEBNER SHALE	3670	-1381
LANSING	3712	-1423
B.K.C.	4006	-1717
MARMATON	4041	-1752
PAWNEE	4118	-1829
FORT SCOTT	4206	-1917
CHEROKEE SHALE	4230	-1914
MISSISSIPPIAN DOLO.	4298	-2009
L.T.D.	4339	-2050

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 1/2"	8 5/8	23	864'	60140poz	400	2% Gel 3% CaCl ₂
Production Casing	7 7/8	4 1/2	11.6	4336KB	EA2	150	

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	4302-09	Miss-1,000 gal 15% MCA Acid	
3	4281-84	Cherokee-250 gal 15% MCA Acid	
3	4221-24 4218-19 4206-08	Ft. Scott - 1,500 gal 28%	
3	4077-80	Marmaton-750 gal 15%	
3	3951-53	Ks. City-250 gal 15%	
3	3617-20	Lower Topeka-No Treatment	

TUBING RECORD Size 2 3/8 Set At 4309 Packer at Liner Run ☐ Yes ☒ No