

9/10/87

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SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS DIVISION
RELEASED
OCT 01 1987
WELL COMPLETION OR RECOMPLETION FORM
Date: ACO-1 WELL HISTORY
FROM CONFIDENTIAL

DESCRIPTION OF WELL AND LEASE

Operator: License # 9953
Name Harris Oil & Gas Company
Address 621 17th Street
Suite 1640
City/State/Zip Denver, Colorado 80293

Purchaser: N/A

Operator Contact Person Harold K. Frauli
Phone 316-624-8388

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Joe Blair
Phone 316-624-2804

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

5-14-86 5-28-86 7-9-86
Spud Date Date Reached TD Completion Date
5975 5645
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1504 feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set

API NO. 15-175-20906

County Seward

C. NE SE Sec. 34 Twp. 31 Rge. 33 ☐ East ☒ West

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

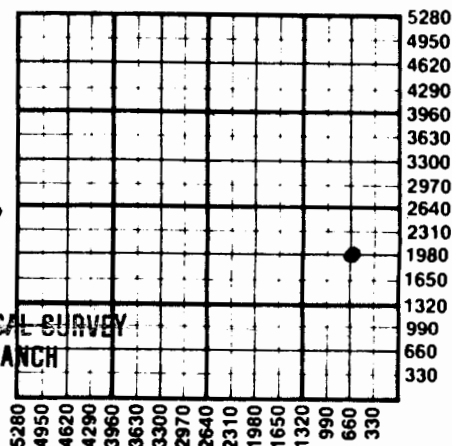
Lease Name Fair Well # 1-34

Field Name ANG North

Producing Formation Des Moines L. Morrow

Elevation: Ground 2885 KB 2893

Section Plat



OCT 29 1987

KANSAS 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:

Division of Water Resources Permit # T-85-851

☒ Groundwater 1980 Ft North from Southeast Corner
(Well) 660 Ft West from Southeast Corner of
Sec 34 Twp 31 Rge 33 ☐ East ☒ West

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

Date of First Production	Producing Method					
7/9/86	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity	
60 Bbls	25 MCF	0 Bbls	417 CFPB	40.2 @ 60°		

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

METHOD OF COMPLETION

Production Int

Disposition of gas: ☒ Vented
☐ Solid☐ Open Hole ☒ Perforation
☐ Other (Specify)

4927-36.....

Operator Name Harris Oil & Gas Co.

DST #3 L. Morrow 5580-5613 30-60-60-120

34.

IHH 2894

IF 32-48 strong blow GTS after SI

ISI 1733

Sec....34..... Twp....31..... Rge....33.....

FF 32-32 20 min, 47.7 mcf

....

30 min, 47.7 mcf

40 min, 41.0 mcf

50 min, 37.0 mcf

60 min, 37.0 mcf

INSTRUCTIONS: Show important tops and base
tests giving interval tested, time tool
pressure reached static level, hydrostatic
if gas to surface during test. Attach extra
.....

FSI 1733

FHH 2878

Rec. 10' GCDM T-118°

11 stem
shut-in
w rates

....Drill Stem Tests Taken ☒ Yes ☐ No
Samples Sent to Geological Survey ☐ Yes ☒ No
Cores Taken ☐ Yes ☒ NoFormation Description
☒ Log ☐ Sample

DST #1 Des Moines 4893-4942 15-60-30-90

IHH 2315

IF 512-690 - strong blow - GTS in 5 min.

ISI 1290

FF 512-570 5 min, 1626 mcf

FSI 1268 10 min, 1649 mcf

FHH 2315 15 min, 1490 mcf

20 min, 1274 mcf unloading heavy

spray of DM

25 min, 953 mcf still unloading DM

30 min, 953 mcf blowing heavy

spray of oil

T-106° Rec 1476' foamy oil

DST #2 Des Moines 4952-4966 30-60-60-120

IHH 2318

IF 48-163 fair blow-increasing slightly

ISI 1284

FF 185-325 weak blow-increasing to fair

FSI 1268

FHH 2315 Rec. 77' DM, 550' SW - no show.

Name	Top	Bottom
Heebner	4188	
Toronto	4214	
Lansing B	4296	
Lansing C	4350	
Lansing D	4384	
Lansing G	4559	
KC	4769	
Cherokee	5104	
Atoka	5310	
Morrow	5460	
L. Morrow Sand	5586	
Basal Chester Sd	5727	
St. Gen	5776	
St. Louis	5886	
TD	5975	

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	24#	1504	Lite	500	2% CC x 1/2# Celloseal
Production	7 7/8	5 1/2 (505.88)	15.5#	5688	WW-1	20 Bbl	10% Thixad, 10% Salt
		5 1/2 (5183.49)	14#		Cl H	225	5% CF-10 1# SX Hi-Seal

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5581-89	Acid-750 Gal. 7 1/2% Spearhead	5581-89
2	4927-36	w/3/4 gal. Claymaster. 111+25 balls	4927-36
2		Frac-31,000 Apollo. 30 gelled KCL	
2		water + 32,000# 16/30 sand	

TUBING RECORD

Size
2 3/8

Set At

Packer at
5553Liner Run ☐ Yes ☒ No