

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 # 4043
Name Denver-Alaska Oil Co.
Address 350 Indiana
Suite 410
City/State/Zip Golden, CO 80401

Purchaser.....

Operator Contact Person John Rakowski
Phone (303) 278-4814

Contractor: License # 5418
Name Allen Drilling Co.

Wellsite Geologist Bob Eaton
Phone.....

Designate Type of Completion
 New Well Re-Entry Workover

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

If OWO: old well info as follows:

Operator.....
Well Name.....
Comp. Date.....Old Total Depth.....

WELL HISTORY

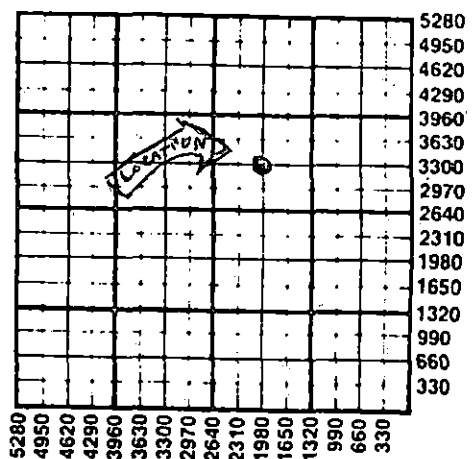
Drilling Method:
 Mud Rotary Air Rotary Cable
01/14/86 01/27/86 01/28/86
Spud Date Date Reached TD Completion Date
4900
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 400 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 cmf

API NO. 15-..... 057-20,413-0000
County Ford
C SW NE Sec. 16 Twp. 26 Rge. 21 East 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 Duesing Well # 1
Field Name Wildcat
Producing Formation Mississippi Warsaw
Elevation: Ground 2330 2335' KB



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # T 85-28
 Groundwater 3194 Ft North from Southeast Corner
(Well) 2086 Ft West from Southeast Corner of
Sec 16 Twp 26 Rge 21 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.

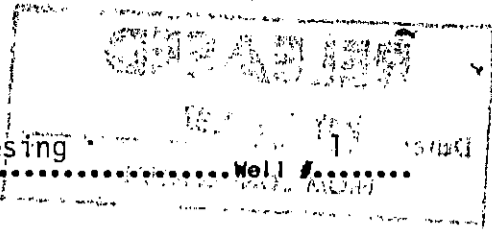
Signature Ann J. Donnelly
Title Vice President Date 3-27-86

Subscribed and sworn to before me this 27th day of March 1986.
Notary Public Lacey L. Reynolds
Date Commission Expires July 26, 1986

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Section 26 Rge 21

SIDE TWO



Operator Name Denver-Alaska Oil Co. Lease Name Duesing Well # 1

Sec. 16 Twp. 26 Rge. 21 East West County Ford

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

A T T A C H E D

Name	Top	Bottom
E-LOG TOPS	DEPTH	DATUM
ANHYDRITE	1344	+ 957
HEBNER	4035	-1734
LANSING	4157	-1856
LRC "B"	4187	-1886
BASE KANSAS CITY	4554	-2253
MARMATON	4569	-2268
CHEROKEE	4665	-2364
MISSISSIPPIAN	4797	-2496
OSAGE	4904	-2603
GIANNONE CITY	5067	-2766
VIOLE	5189	-2888
SIMPSON	5322	-3021
ARBUCKLE	5377	-3076
DTD	5540	-3239
LTD	5542	-3241

RELEASED

MAY 28 1987

FROM CONFIDENTIAL
 STRAP #2 @ 4900' = 2.09' BOARD LONG
 STRAP #3 @ 5142' = 4.86' BOARD SHORT
 STRAP #4 @ 5540' = 4.32' BOARD LONG

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 production		8 - 5/8 4 1/2	23#	400 5539	60/40 poz "	225 260	2% gel 3% CO
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

DST #1 4800-4812 MISSISSIPPIAN, CONVENTIONAL TEST
TEST TIMES: 30-60-30-60
1st BLOW: 1" into bucket throughout
2nd BLOW: Very weak blow, died after 17 minutes
IHP = 24178 PSI
IFP = 69-458 PSI
ISIP = 11168 PSI
FFP = 73-648 PSI
FSIP = 9558 PSI
FHP = 23678 PSI
RECOVERY: 30' FREE OIL, 90' OIL CUT MUD, TOP-808 M, 158 W, 58 G,
BOTTOM-788 M, 128 W, 108 O
BHT = 115°F
Rw = 0.60 @ 70°F
CHLORIDES = 12,000 ppm

DST #2 4794-4822 MISSISSIPPIAN, STRADDLE TEST
TEST TIMES: 45-90-60-120
1st BLOW: 1" immediately, increasing to 2 1/4" after 17 min, then
decreasing to 1" throughout
2nd BLOW: 1" immediately, increasing to 4" after 35 minutes
IHP = 24978 PSI
IFP = 60-698 PSI
ISIP = 14798 PSI
FFP = 137-2868 PSI
FSIP = 14568 PSI
FHP = 24538 PSI
RECOVERY: 3' FREE OIL + 407' OCMW, 68% W, 31% M, 1% G
BHT = 117°F
Rw = 0.40 @ 30°F
CHLORIDES = 42,000 ppm

DST #3 3959-3970 TOPEKA, STRADDLE TEST
TEST TIMES: 15-30-60-120
1st BLOW: Immediate blow 1" into bucket, increasing to 2 1/4"
throughout
2nd BLOW: 1" blow building to 1 1/4" in 20 minutes, died back to
1" @ end of low
IHP = 19708 PSI
IFP = 64-548 PSI
ISIP = 12368 PSI
FHP = 19468 PSI
FSIP = 12618 PSI
FHP = 19468 PSI
RECOVERY: 120' v al GCMW (very slightly gas cut muddy salt wtr)
120' v al GCSW (very slightly gas cut salt wtr)
BHT = 114°F
Rw = 0.05 @ 90°F
CHLORIDES = 145,000 ppm

DST #4 4794-4818 MISSISSIPPIAN, STRADDLE TEST
TEST TIMES: 30-60-60-120
1st BLOW: 1/4" building to 2" after 15 minutes throughout
2nd BLOW: 1" building to 1 1/4" after 10 minutes throughout
IHP = 24288 PSI
IFP = 84-638 PSI
ISIP = 13148 PSI
FFP = 169-1488 PSI
FSIP = 13248 PSI
FHP = 24188 PSI
RECOVERY: 1' FREE OIL, 29' OIL & WTR GAS CUT MUD, 38 OIL, 78
GAS, 108 WTR, 808 MUD, 120' SLASH CUT WTR MUD,
258 W, 58 G, 708 M, 608 SLASH CUT WTR, 58 G, 208 M,
758 W, 120' GW
BHT = 116°F
Rw = 0.30 @ 70°F = 23,000 ppm
CHLORIDES = M-1 = 13,000 ppm
BOTTOM = 36,000 ppm

CONFIDENTIAL

APR 01 1986
State Geological Survey
Wichita BRANCH

DENVER-ALASKA #1 DUESING DST RESULTS

RELEASED

MAY 28 1987

FROM CONFIDENTIAL

STATE CORPORATION COMMISSION

MAR 31 1983

CONSERVATION DIVISION
Wichita, Kansas

CSWNE 16-26S-21W FORD COUNTY, KANSAS

CARD MUST BE SIGNED

State of Kansas

CARD MUST BE SIGNED

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date 1 month 14 day 1986 year 11.30

API Number 15- 057-20,413

OPERATOR: License # ... 4043
Name ... Denver Alaska Oil Company
Address ... 350 Indiana Street #410
City/State/Zip ... Golden, Colorado 80401
Contact Person ... John Rakowski
Phone ... 303.278-4814

C NW SE Sec. 16 Twp. 26 S, Rg. 21 East
..... 1980 Ft. from South Line of Section
..... 1980 Ft. from East Line of Section

(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # ... 5418

Nearest lease or unit boundary line ... 660 feet
County ... Ford, Duesenberg
Lease Name ... Windhorst Prospect Well # 1

Name ... Allen Drilling Company
City/State ... Box 1389, Great Bend, Kansas 67530

Ground surface elevation ... app. 2330 feet MSL

Well Drilled For: Well Class: Type Equipment:
 Oil SWD Infield Mud Rotary
 Gas Inj Pool Ext. Air Rotary
 OWWO Expl Wildcat Cable

Domestic well within 330 feet: yes no
Municipal well within one mile: yes no

Depth to bottom of fresh water ... 150

Depth to bottom of usable water ... 350-400

Surface pipe by Alternate: 1 2

Surface pipe planned to be set ... 360-400

Conductor pipe required

Projected Total Depth ... 4900 feet

Formation ... Mississippi

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications.

Date 1/13/86 Signature of Operator or Agent Sherril Cholas Title as agent ok

For KCC Use:

Conductor Pipe Required feet; Minimum Surface Pipe Required ... 400 feet per Alt. 1

This Authorization Expires ... 7-13-86 Approved By ... 1-13-86 ok

No ACO sent
ACO on #1 in casing has some API # its same as the 1/4 mi 5.