

31-13-23E In 2 p1

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP _____

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F _____ Letter requesting confidentiality attached.

C _____ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 6801 EXPIRATION DATE January 1, 1985

OPERATOR Orion, Inc. API NO. 15-091-21-207

ADDRESS 2103 Orchard Lane COUNTY Johnson

Lawrence, Ks. 66044 FIELD _____

** CONTACT PERSON Tom W. Stander PROD. FORMATION Bartlesville SS

PHONE 913-841-5366 Indicate if new pay. _____

PURCHASER Northwest Central Pipeline LEASE Arndt/Bundschu

ADDRESS Tulsa, Ok. WELL NO. 4

DRILLING A. G. Glaze Drilling Co., Inc. 1320 Ft. from south Line and

CONTRACTOR 15710 S. Woodland Rd. 990 Ft. from east Line of (E)

ADDRESS Olathe, Ks. 66067 the SE (Qtr.) SEC 31 TWP 13S RGE 23 (E)

PLUGGING N/A WELL PLAT (Office..

CONTRACTOR _____ Use Only)

ADDRESS _____

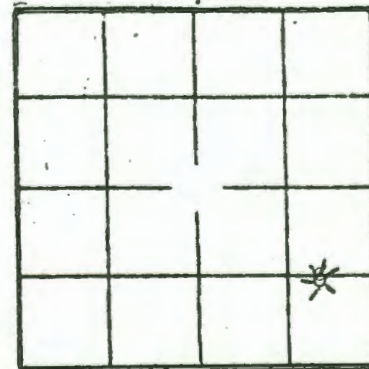
TOTAL DEPTH 842 PBTB 842

SPUD DATE Feb. 8, 1984 DATE COMPLETED Feb. 9, 1984

ELEV: GR 1003 DF _____ KB _____

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____



KCC _____

KGS ☒

SWD/REP _____

PLG. _____

NGPA _____

Amount of surface pipe set and cemented 22 DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____. Other completion _____. NGPA filing yes.

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Tom W. Stander, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

ACO-1 Well History

Side TWO

OPERATOR Orion, Inc.

LEASE NAME Arndt/Bundschu SEC 31 TWP 13S RGE 23

WELL NO

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers,
logs run, or other
Descriptive information.

Formation description, contents, etc.	Top	Bottom	Name	Depth
<u> </u> Check if no Drill Stem Tests Run. <u> </u> Check if samples sent Geological Survey. See attached Driller's Report				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production		Producing method (flowing, pumping, gas lift, etc.)		Gravity	
		flowing gas			
Estimated Production - I.P.	Oil	Gas	Water	%	Gas-oil ratio
	bbbls.	AOE over 1 MMCFD MCF			bbbls.
Disposition of gas (vented, used on lease or sold)			Perforations		
sold					

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or (Used)

CASING RECORD (NEW) OR (USED)						
Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Type and percent additives
Surface	9 in.	7 in.		22		4 sx
Long String	6½ in.	2 7/8 in.		822	thixotropic	144 sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
N/A			2	2" HSC carrier gun	764-780
TUBING RECORD					
Size	Setting depth	Pecker set at			



Geophysical / Geological
Consulting and Services

2103 Orchard Lane
Lawrence, Kansas 66044
(913) 841-5366

31-13-23E ^{Ind} P

Lease: Arndt/Bundschu

Well: Arndt #4 API# 15-091-21-207

Location: 1320' fS1, 990' fEL, SE $\frac{1}{4}$
Section 31, Township 13S, Range 23E
Johnson County

Surface Elevation: 1003 feet

Date Spudded: February 8, 1984

Date Completed: February 9, 1984

Total Depth: 842 feet

Initial Production: Gas

Drilling Fluid: Air

Surface Casing: 22 feet x 7 inches

Logs: Density, Neutron, Gamma Ray, SP, Induction

Cores: None

Owner: Jim Osborn Oil and Gas
14111 Pflumm Rd.
Shawnee Mission, Ks. 66221 913-888-1770

Operator: Orion, Inc.
2103 Orchard Lane
Lawrence, Ks. 66044 913-841-5366

Drilling Company: A.G. Glaze Drilling Co., Inc.
15710 S. Woodland Rd.
Olathe, Ks. 66061 913-764-2625

Logging Company: Great Guns
P.O. Box 8196
Topeka, Ks. 66608 913-233-0521

Geology: Formation tops from Driller's Logs
Driller Bob Peery

MAR 20 1984

State Geological Survey
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION

MAR 16 1984

CONSERVATION DIVISION
Wichita, Kansas

Jim Osborn Oil and Gas
Arndt #4

2/9/84

31-13-23e

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<u>Depth</u>	<u>Thickness</u>	<u>Lithology</u>
0-22	22	Surface
22-32	10	Shale
32-39	7	Limestone
39-41	2	Shale
41-59	18	Limestone
59-61	2	Shale
61-67	6	Limestone
67-69	2	Shale
69-70	1	Limestone
70-75	5	Shale
75-95	20	Limestone
95-140	45	Shale
140-146	6	Limestone
146-147	1	Shale
147-150	3	Limestone
150-167	17	Shale
167-176	9	Limestone
176-181	5	Shale
181-185	4	Limestone
185-215	30	Shale
215-218	3	Limestone
218-222	4	Shale
222-245	23	Limestone, Winterset
245-246	1	Shale
246-250	4	Limestone
250-252	2	Shale
252-254	2	Slate
254-257	3	Shale
257-280	23	Limestone, Bethany Falls
280-281	1	Shale
281-283	2	Slate
283-285	2	Limestone
285-286	1	Shale
286-287	1	Limestone
287-289	2	Shale
289-293	4	Limestone
293-294	1	Shale
294-297	3	Limestone, Hertha
297-322	25	Shale, test 300', no gas
322-327	5	Sandstone, gas 2/10" out of 1" pipe, 16,000
327-480	153	Shale
480-486	6	Limestone
486-490	4	Shale, sandy
490-494	4	Limestone
494-501	7	Shale, test at 500', same as above, 16,000
501-510	9	Limestone
510-523	13	Shale, sandy
523-528	5	Limestone
528-530	2	Slate

MAR 20 1984

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Jim Osborn Oil and Gas
Arndt #4

2/9/84

<u>Depth</u>	<u>Thickness</u>	<u>Lithology</u>
530-536	6	Shale, sandy
536-538	2	Limestone
538-540	2	Shale, test at 540', same as above, 16,000
540-543	3	Limestone
543-550	7	Shale
550-552	2	Red Bed
552-562	10	Shale
562-564	2	Slate
564-578	14	Shale
578-581	3	Limestone
581-584	3	Shale, sandy
584-594	10	Sandstone
594-621	27	Shale, sandy, test at 600', 2" out of 1" pipe, 49,000
621-623	2	Shale, dark, hard
623-652	29	Shale, dark, test at 640', same as above, 49,000
652-656	4	Sandstone, brown
656-671	15	Shale, sandy, test at 660', same as above
671-672	1	Coal
672-675	3	Limestone
675-690	15	Shale
690-701	11	Shale, sandy, test at 700', same as above, 49,000
701-710	9	Sandstone
710-711	1	Coal
711-715	4	Shale, dark, test at 720', increase to 256,000
715-730	15	Shale, sandy
730-739	9	Shale, dark
739-740	1	Coal
740-763	23	Shale, sandy, test at 765', increase to 363,000
763-842	79	Sandstone, Bartlesville, test at 767, increase to 555,000; test at 769' emptied tube, killed gas, 780' oil show

Total Depth at 842'

Completion

Long String: 2 7/8 in. x 822, 144 sx thixotropic cement

Perforation: 2 shots/foot, carrier gun, 764-780, 33 holes, hole at 778' did not go, Cornish

This well made no water after perforation. 30 gallons of 15% HCl were added to clean up the perforation.

MAR 20 1984

State Geological Survey
WICHITA BRANCH