

AFFIDAVIT OF COMPLETION FORM

ACO-1

This form shall be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed. Circle one: Oil, gas, dry, SWD, OWWO, injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316)263-3238.

OPERATOR Terra Resources, Inc.

API NO. 15-033-20,483-0000

ADDRESS P.O. Box 839

COUNTY Comanche

Okla. City, OK 73101

FIELD Wildcat

**CONTACT PERSON D. J. Harris

PROD. FORMATION D & A

PHONE 405-840-5590

LEASE Kirk

PURCHASER _____

WELL NO. 1

ADDRESS _____

WELL LOCATION _____

DRILLING The Ramco Drilling Corporation

330 Ft. from East Line and

CONTRACTOR _____

330 Ft. from South Line of

ADDRESS 200 Hardage Ctr., 100 S. Main

the SEC. 8 TWP. 31S RGE. 19W

Wichita, KS 67202

PLUGGING Astro Well Servicing

CONTRACTOR _____

ADDRESS 2915 First, Box 1062

Woodward, OK 73802

TOTAL DEPTH 6039 PRTD 5228

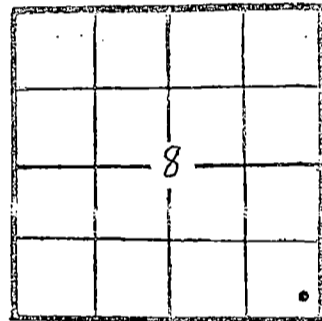
SPUD DATE 9/1/81 DATE COMPLETED 5/26/82

ELEV: GR 2188 DF _____ KB 2198.5

DRILLED WITH (CABLE) ROTARY (AIR) TOOLS

New / (Used) casing.

CASING RECORD



WELL PLAT

KCC
KGS
MISC
(Office Use)

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

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Conductor	17 1/2	13 3/8	52	356	Hall. light Class A	500	3% CaCl ₂ , 1/4# flocele/sk
Surface	12 1/4	8 5/8	24	1031	Hall. light Class A	650	6% gel, 1/4# flocele/sk 3% CaCl ₂ , 1/4# flocele/sk
Production	7 7/8	5 1/2	15.5	5310	Hall. light 50/50 Pozmix	475	18% salt, 2% gel, 10# gilsonite/sk, 75% CFF

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	4" golden jet, 19 gr	5128-5140
TUBING RECORD					
Size	Setting depth	Packer set at			
			4	" "	5140-5163
			4	" "	3277-3281

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gals 15% D-mud acid	3277-3281'
1500 gals 15% MCA	5128-5140'; 5149-5163'
5000 gals 28% NE acid	5128-5140'; 5149-5163'

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____ Gravity _____

RATE OF PRODUCTION PER 24 HOURS
Oil _____ bbls. Gas _____ MCF Water _____ % Gas-oil ratio _____ CFPD

Disposition of gas (vented, used on lease or sold) _____ Perforations _____

**The person who can be reached by phone regarding any questions concerning this information. A witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

Name of lowest fresh water producing stratum Unknown Depth _____
 Estimated height of cement behind Surface Pipe Surface
 DV USED? No

WELL LOG

Formation Description, Contents, etc.	Top	Bottom	Name	Depth			
LS, white to lt gray, foss. fxln fr intxln ϕ	3278	3300	Chase Group	2560			
			Council Grove	2942			
			Beattie	3092			
LS, lt. gray, fxln, dense chty, fr-gd ϕ scatt. to med stain, partial saturation, sl. show F.O.	5120	5160	Topeka	3801			
			Lecompton	4005			
			Heebner	4269			
			Iatan	4443			
			Lansing	4474			
grn Dolo., fxln, good ϕ	5910	5930	Base KC	4910			
			Marmaton	4938			
S.S., dolomitic, gradational qtz w/blk rounded grns., exc. ϕ , abundant losc sd grns.	5980	5995	Mississippian	5136			
			Viola	5799			
			Simpson	5910			
			Arbuckle	6010			
			DST #1 5080-5143' 30"-60"-120"-240" Rec 175' SGCM IFP 62#/92# ICIP 1644# FFP 93#/83# FCIP 1613#			Logs run CNL/FDC w/GR& Caliper	6042-1031'
			DST #3 5970-6002' 30"-60"-120"-240" Rec. 1030' SW, IFP 41#/186# ICIP 2058# FFP 186#/546# FCIP 2089#			Dill Int. Sonic w/GR& Caliper Dipmeter Velocity Survey	6042-1031' 6042-1031' 6042-1031' 6042-1031' 6042-1031'
						DST #2 30"-60"-120"-240" Rec. 70' OGCM IFP 41#/52# ICIP 1191# FFP 31#/100# FCIP 1304#	5143-5163'

AFFIDAVIT

STATE OF Oklahoma, COUNTY OF Oklahoma SS, _____

D. J. Harris OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Operations Engineer (FOR)(OF) Terra Resources, Inc.

OPERATOR OF THE Kirk LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 26 DAY OF May, 1982, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

SUBSCRIBED AND SWORN BEFORE ME THIS 3rd DAY OF June 1982

(S) D. J. Harris
Denise Powell
 NOTARY PUBLIC

MY COMMISSION EXPIRES: May 23, 1986

RECEIVED
 STATE CORPORATION COMMISSION

JUN - 7 1982
 06-07-1982
 CONSERVATION DIVISION
 Wichita, Kansas

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LINER RECORD

PERFORATION RECORD

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			4	4" golden jet, 19 gr	5128-5140
			4	" "	5149-5163
			4	" "	3277-3281

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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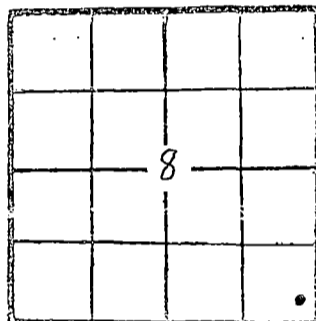
Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____ Gravity _____

RATE OF PRODUCTION PER 24 HOURS Oil _____ bbls. Gas _____ MCF Water _____ % Gas-oil ratio _____ CFPB

Disposition of gas (vented, used on lease or sold) _____ Perforations _____

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			DST #1 5080-5143'				
			30"-60"-120"-240"				
			Rec 175' SGCM IFP 62#/92#				
ICIP 1644# FFP 93#/83#							
FCIP 1613#							
DST #3 5970-6002'							
30"-60"-120"-240"							
Rec. 1030' SW, IFP 41#/186#							
ICIP 2058# FFP 186#/546#							
FCIP 2089#							
			Logs run				
			CNL/FDC w/GR&				
			Caliper	6042-1031'			
			Dill	6042-1031'			
			Int. Sonic w/GR&				
			Caliper	6042-1031'			
			Dipmeter	6042-1031'			
			Velocity Survey	6042-1031'			
			DST #2	5143-5163'			
			30"-60"-120"-240"				
			Rec. 70' OGCM IFP 41#/52#				
			ICIP 1191# FFP 31#/100#				
			FCIP 1304#				

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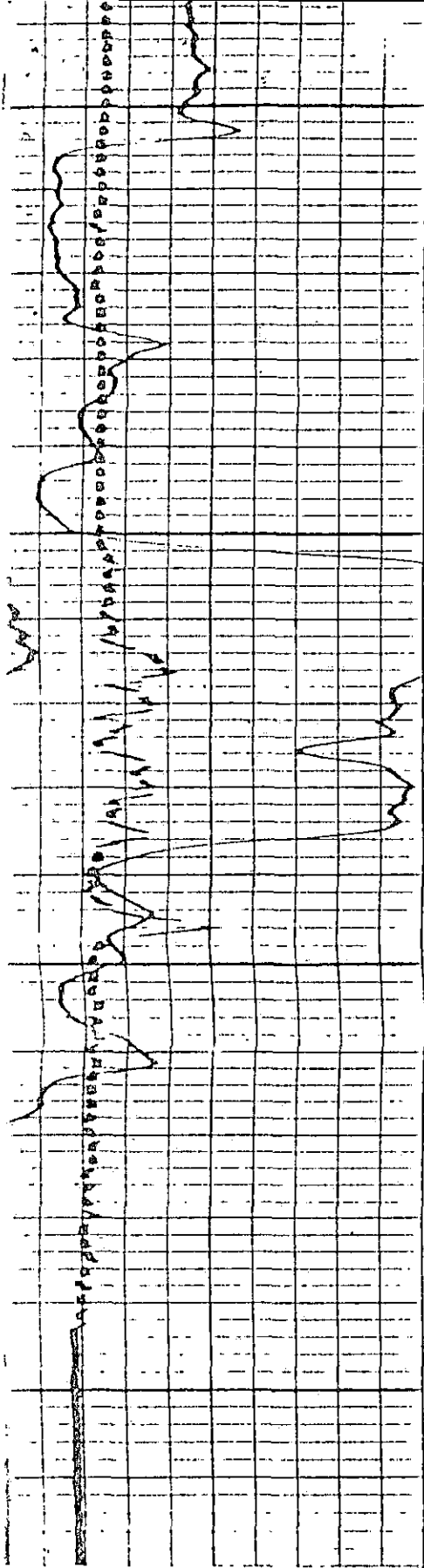
FURTHER AFFIANT SAITH NOT.

SUBSCRIBED AND SWORN BEFORE ME THIS 3rd DAY OF June 1982

(s) D. J. Harris
Donna M. Powell
 NOTARY PUBLIC
 STATE CORPORATION COMMISSION

MY COMMISSION EXPIRES: May 21, 1986

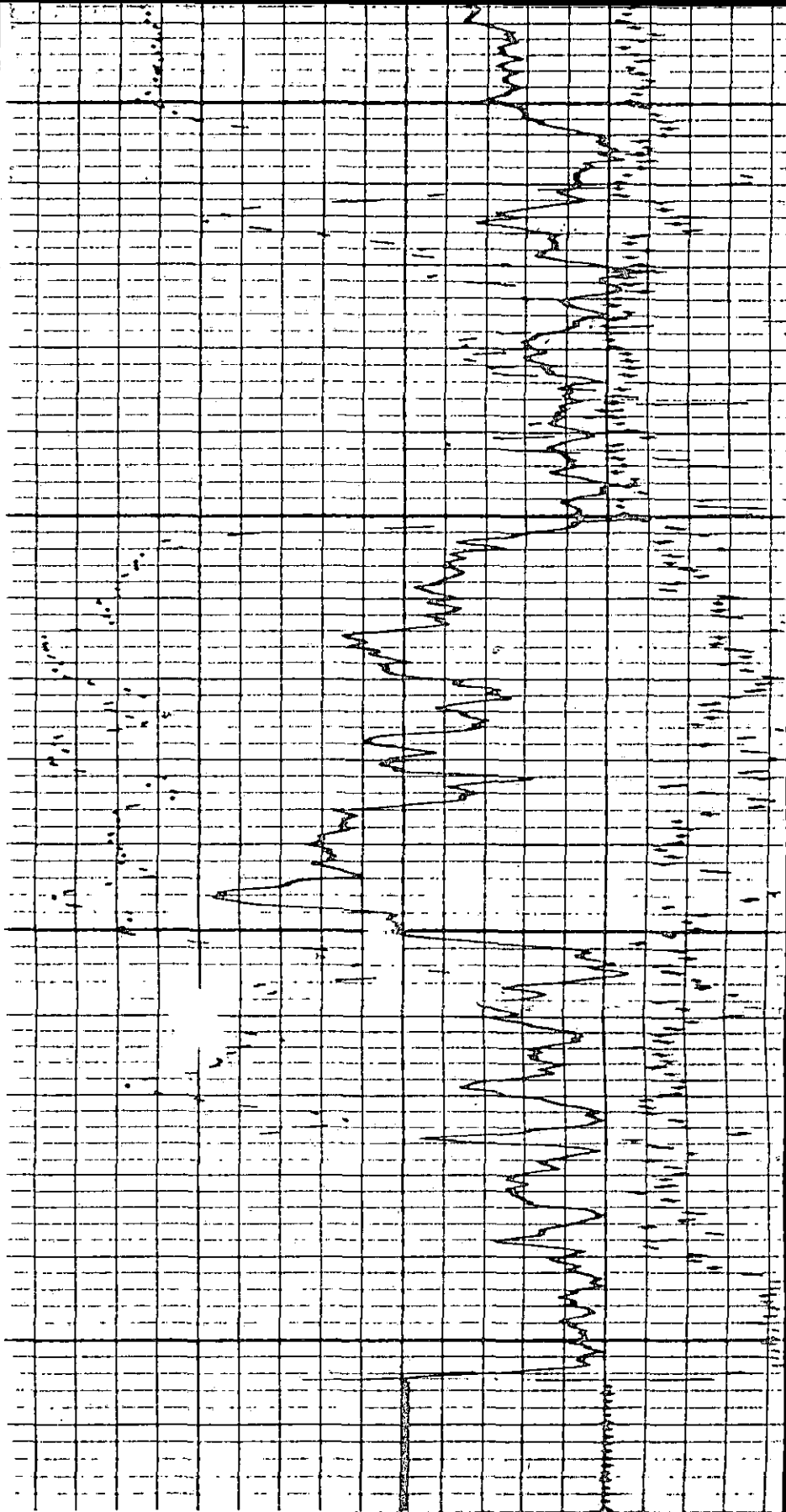
JUN - 7 1982
 06-07-1982
 CONSERVATION DIVISION
 Wichita, Kansas



5900

6009

1-



15-033-20483-00-00

FORMATION FACTOR MATRIX

10 100 1000

BULK DENSITY GRAJAS CC

GAMMA RAY API UNITS

P A N E L T E S T	RATIO	H PORC		GN-POROSITY		
		LS <input checked="" type="checkbox"/>	SS <input type="checkbox"/>	DOL <input type="checkbox"/>	SS <input type="checkbox"/>	LS <input type="checkbox"/>
3.	1	1.6	4.9	-0.2	2.4	0.1
4.	2	15.6	19.7	8.1	13.0	9.0
5.	3	30.5	36.0	25.2	29.1	24.1
6.	4	45.4	53.1	47.5	47.4	43.2
7.	POROSITY NORMALIZED WITH CNB-A IN PLACE					
	7A. TOOL IN NCT-B					
8.	LOG POSITION WITH CNB-A IN PLACE					
	8A. LOG POSITION WITH TOOL IN NCT-B					

15-033-20483-00-00

OH			CH		
LS	SS	DOL	SS	LS	
18	22.2	10.4	15.3	11.2	
		2.17			
RATIO (NORMALIZED) =			RATIO (NCT-B)		RATIO LOG

FORMATION DENSITY COMPENSATED CALIBRATION CODING

- | | | | |
|-------------------------|----------------------------|--------------|---|
| 1. MECHANICAL ZERO | 8. MECHANICAL ZERO CALIPER | | |
| 2. RECORDER SENSITIVITY | 9. 8" RING | | |
| PANEL TEST | | | |
| FDC LIQUID | | | |
| POS | ρ | $\Delta\rho$ | 10. 12" RING |
| 3. # 1 | 2.92 | .00 | 11. TOOL CALIBRATE #1 SET $\rho = 2.50$ |
| 4. # 2 | 2.78 | +.14 | 12. TOOL CALIBRATE #2 SET $\Delta\rho = .00$ |
| 6. # 3 | 2.42 | -.10 | 13. LOG POSITION $\rho = 2.59, \Delta\rho = .015$ |
| 6. # 4 | 2.35 | .00 | |
| 7. # 5 | 2.08 | .01 | |

GAMMA RAY CALIBRATION CODING

- | | | |
|--------------------|-------------------------|--------------------------------|
| 1. MECHANICAL ZERO | 3. RECORDER SENSITIVITY | 5. BACKGROUND |
| 2. ELECTRICAL ZERO | 4. MEMORIZER ADJUSTMENT | 6. CALIBRATE - SOURCE IN PLACE |

 CALIBRATION RECORD

COMPANY	TEPPA RESOURCES, INC.	SCHL. FR	6042
WELL	TEPPA - 1 KIRK	SCHL. TD	6043
FIELD	WILDCAJ	DRLR. TD	6039
COUNTY	COMANCHE	STATE	KANSAS
		Elev:	KB 2198.5
		DF	----
		GL	188

