

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 Texaco Inc.
 ADDRESS Box 2420
Tulsa, OK 74102

API NO. 15-175-20,594-00-00
 COUNTY Seward
 FIELD Archer

**CONTACT PERSON W. A. Wood
 PHONE 316-624-0131
 PURCHASER Negotiating Contract

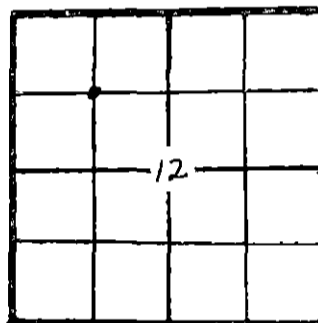
PROD. FORMATION Morrow
 LEASE Jack Engel
 WELL NO. 1

ADDRESS _____

WELL LOCATION C NW
1320 Ft. from North Line and
1320 Ft. from West Line of
 the NW 1/4 SEC. 12 TWP 34S RGE 34W

DRILLING Service Drilling Co
 CONTRACTOR Box 5320
 ADDRESS Borger, Texas **RECEIVED**
 STATE CORPORATION COMMISSION
 MAR 1 1982

PLUGGING CONSERVATION DIVISION
 CONTRACTOR Wichita, Kansas
 ADDRESS _____



WELL PLAT
 KCC
 KGS
 MISC _____
 (Office Use)

TOTAL DEPTH 6600' PBDT 6510'

SPUD DATE 1-19-82 DATE COMPLETED 2-17-82

ELEV: GR 2888' DF 2898' KB _____

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS (New) / (Used) casing.

CASING RECORD

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
Surface	12-1/4"	8-5/8"	24	1621	Howco Li	500	3% cc
					C1 H	200	3% cc
Production	7-7/8"	4-1/2"	10.5	6599	50/50 poz	300	10% salt-12-1/2# Gil/sx
					50/50 poz	200	10% salt-12-1/2# Gil/sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	1/2"	6046-50; 6068-76'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

Date of first production 2-16-82 Producing method (flowing, pumping, gas lift, etc.) Flowing Gravity 580

RATE OF PRODUCTION PER 24 HOURS: Oil Trace Gas 1011 Water % 0 Gas-oil ratio _____
bbls. MCF bbls. CFPD

Disposition of gas (vented, used on lease or sold) To be sold Perforations 6068-76; 6046-50'

**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 Ogallah Depth 650'
 Estimated height of cement behind Surface Pipe Surface.
 DV USED? No

WELL LOG

Formation Description, Contents, etc.	Top	Bottom	Name	Depth
SEE ATTACHED				

A F F I D A V I T

STATE OF OKLAHOMA, COUNTY OF TULSA SS, _____

B. A. BATSON OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS ASS't DIST MANAGER (FOR) ~~(OF)~~ TEXACO INC.

OPERATOR OF THE Jack Engel 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 2nd DAY OF Feb., 1982, AND THAT

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

FURTHER AFFIANT SAITH NOT.

(S) B.A. Batson
 B.A. BATSON

SUBSCRIBED AND SWORN BEFORE ME THIS 25th DAY OF February 1982

Clotse Dronner
 NOTARY PUBLIC

MY COMMISSION EXPIRES: January 26, 1983

TEXACO, INC.

Jack Engel #1 Well
Seward County, Kansas

OPERATION COMMENCED: 1/19/82

OPERATION COMPLETED: 2/4/82

RECEIVED
STATE CORPORATION COMMISSION
MAR 1 1982
CONSERVATION DIVISION
Wichita, Kansas

DRILLING LOG

1/19	0 - 412	Sand, Lime
1/20	412 - 1621	Sand, Red Bed
1/21	1621 - 1640	
1/22	1640 - 2433	Shale, Anhy.
1/23	2433 - 2923	Shale, Dolomite, Lime
1/24	2923 - 3460	Dolomite, Shale, Lime
1/25	3460 - 3912	Lime, Shale
1/26	3912 - 4304	Lime, Shale
1/27	4304 - 4810	Lime, Shale
1/28	4810 - 5227	Lime, Shale
1/29	5227 - 5494	Lime, Shale
1/30	5494 - 5918	Lime, Shale
1/31	5918 - 6295	Lime, Shale
2/1	6295 - 6539	Lime, Shale
2/2	6539 - 6600	Lime, Shale

CASING RECORD

1/20	Ran 36 joints of 8 5/8" 24# casing, and cemented with 200 sks. C.H. 3% C.C. and 500 sks H.L. 3% C.C.
2/4	Ran 160 joints of K55 and cemented with 300 sks 50/50 poz and 200 sks 50/50 poz.