ACO-1

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

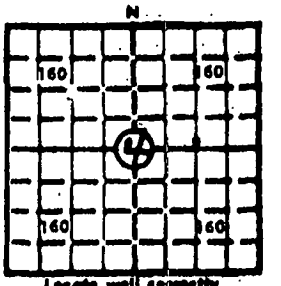
API No. 15 — 129 (County) — 20435-0000 (Number)

S. 4 T. 34S R. 40 E W

Loc. NE/4

County Morton

640 Acres



Locate well correctly

Elev.: Gr. 3332

DF 3338' KB 3340'

Operator: Texaco Inc.

Address: Box 2420 - Tulsa, Oklahoma 74102

Well No.	Lease Name
2	Mattie Vansant GU

Footage Location: 2490 feet from (N) ~~(S)~~ line 1320 feet from (E) ~~(W)~~ line

Principal Contractor	Geologist
Service	

Spud Date	Date Completed	Total Depth	P.B.T.D.
7-6-80	8-14-80	3000	2959'

Directional Deviation	Oil and/or Gas Purchaser

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	663	Pozmix	250	2% CC 6% gel
Production	7-7/8"	5-1/2	14	2999	Pozmix	550	6% gel 2% CC

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	2730	None

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	1/2"	2751-2906

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

All to Dlg 6/10/09

Amount and kind of material used	Depth interval treated
4000 gals. 15% NEA, 200,000 river sd & 4000 BFW	2751-2906
To State 8/21/80	
Also Co-owners	

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INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
7-24-80	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	0 bbls.	3060 MCF	105 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Well SI	2751-2906'

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 2	Lease Name Mattie Vansant	SI-NG
S 4 T 34S R 40 W		

WELL LOG

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
Shale	0	664		
Sd - Sh	664	1610		
Sh - Li	1610	2365		
Shale	2365	3000		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

N. E. Morton
Signature

Operations Supt.
Title

August 21, 1980
Date

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WELL NAME:	**Mattie Vansant #2**
LOCATION:	C NE Sec. 4-34S-40W, 1320' FEL & 2490' FNL
FIELD:	Panoma Gas Area
COUNTY, ST:	Morton, Kansas
API#	1512920435
WI:	100.00%
NRI:	87.50%

SFC CSG:	8-5/8" 24# K-55 @ 663', circulated cmt w/400 sx (12-1/4" hole)
PROD CSG:	5-1/2" 14# K-55 R-3 @ 2999', circulated cmt w/750 sx (7-7/8" hole)
PROD TBG:	2-3/8" tubing (90 jts) with SN and 15' MA
ROD STRING:	2 x 1-1/4 x 12' Top Hold Down Pump with 115 5/8" rods

RKB-GL:	8'
TD:	3000'
PBTD:	2959'

PRODUCING INTERVAL

FORMATION	INTERVAL	SPF
Council Grove	2805'-2809'	2
	2813'-2818'	2
INTERVAL	2823'-2834'	2
2751'-2756'	2842'-2851'	2
2762'-2767'	2866'-2870'	2
2774'-2779'	2883'-2887'	2
2783'-2797'	2900'-2906'	2

WELL HISTORY

DATE	ACTION	RESULTS
7/6/1980	Spud	
7/19/1980	Completion	Perf, treat w/4000 gal 15% NEA, 4-stg frac w/200000#
		Run 2730' 2-3/8" tbg and 1-1/2"x14' Pump w/ 5/8" rods
12/19/02-1/2/03	Casing Repair	Identify casing leak and squeeze with 50 sx cmt
		Subsequent pres testing shows big leak bt 1610'-1640'
		and small leak bt 1418'-1610'; Reran rods and tubing

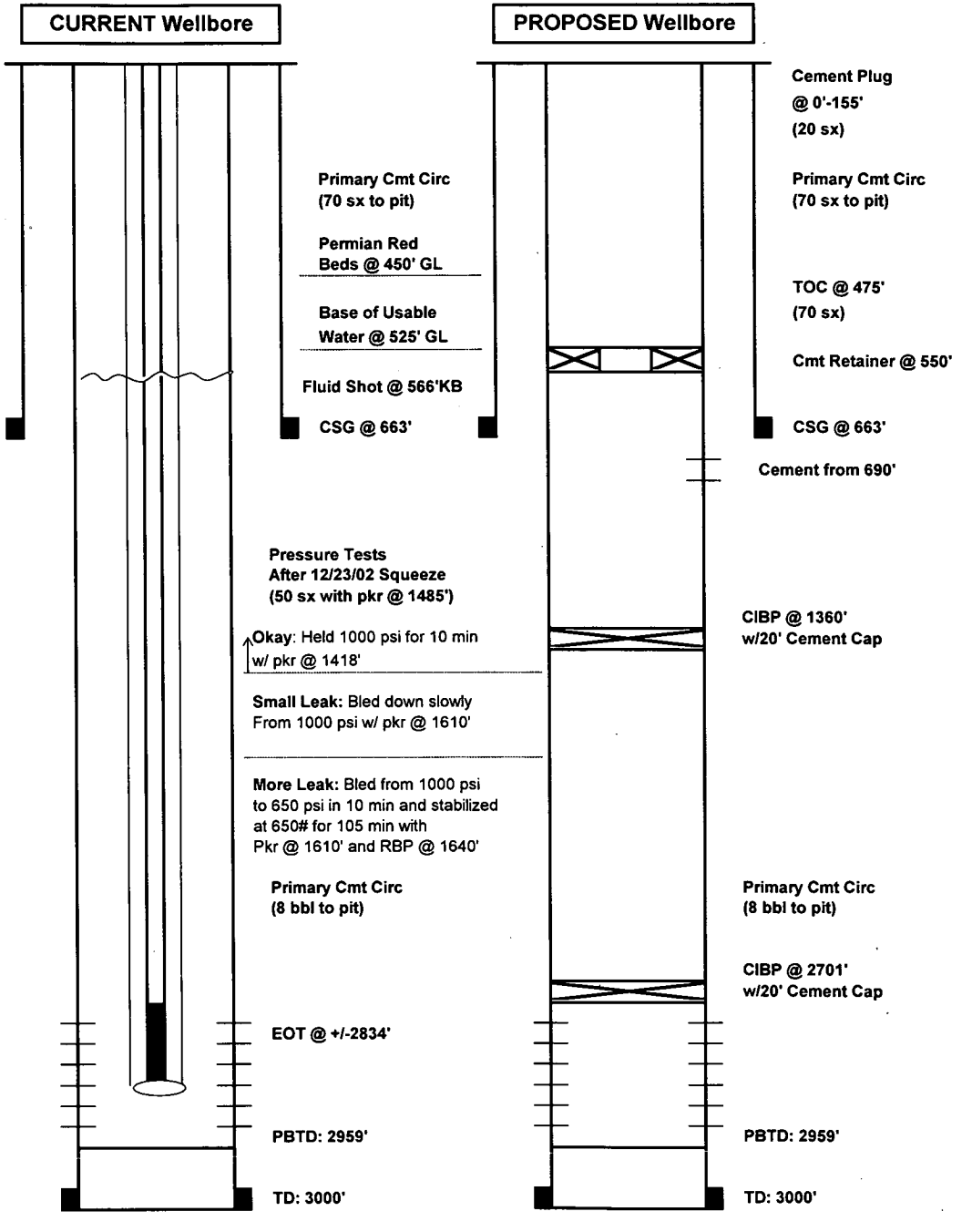
WELLWORK DETAILS

- Prod casing cmt w/ 550 sx 65/35 Lig Poz 6% gel 2% CC + 200 sx 50/50 Pozmix w/10% salt
- 12/02: Pulled rods and tubing; Ran 5-1/2" casing scraper; Tested with packer and RBP, finding casing leak between 1676' and 1739'; Injection rate of 1.5 bpm at 600 psi; Set packer at 1485' (with RBP @ 2700' and loaded and pressured to 500 psi, but casing wouldn't hold pressure (lost 200# in 10 min); Squeeze down tubing with 50 sx Class H w/2% cc to 550 psi; WOC; Drill cmt from 1558'-1828'; Subsequent pressure testing with packer and RBP indicated no leak from 0'-1418' (held 1000# for 10 min), small leak between 1418'-1610' (Pressured to 1000# but leaked off slowly), and big leak between 1610'-1640' (Pressured to 1000#, lost 350# in 10 min and held at 650# for 15 min); Pulled RBP and reran tubing and rods

WELL STATUS

The Vansant #2 is shut-in and was last produced in 10/03. A subsequent casing repair was unsuccessful. The latest observed static fluid level is too high, so the KCC requires repair or P&A. The shallow fluid level has been validated by another recent fluid shot (in 2009). Due to lack of production potential, the well will be P&A'd.

Updated: 6/4/09
By: James Bollinger



ACO-1

TEXACO, INC. #709410005

VANZANT #2 WELL
MORTON COUNTY, KANSAS

OPERATIONS COMMENCED: 7/6/80

OPERATIONS COMPLETED: 7/12/80

DRILLING LOG

7/6	0 - 664	Sand, Gypsum
7/7	664 - 1100	Sand, Gypsum
7/8	1100 - 2157	Sand, Gypsum, Shale, Lime
7/9	2157 - 2721	Shale, Lime
7/10	2721 - 3000	Shale, Lime

CASING RECORD

7/7 Ran 16 jts of new 8 5/8", 24# casing. Set at 663'. Cemented with 250 sks. of 35/65 plus 150 sks. of 50/50 Poz, 3% c.c.

7/12 Ran 75 jts of new 8 5/8", 14# casing. Set at 3000'. Cemented with 500 sks. of 35/65 plus 250 sks. of 50/50 Poz, 10% Salt.

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