KANSAS State Geological Survey
WICHITA BRANCH

WELL COMPLETION REPORT AND DRILLER'S LOG

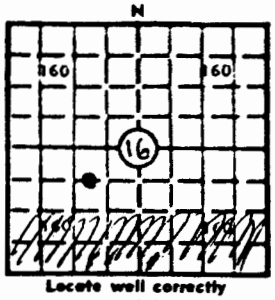
S. 16 T. 35S R. 3 W

API No. 15 — SUMNER (County) — CC 177852 (Number)

Loc. 660FSL 330FWL Lot3SW/4

County SUMNER

640 Acres



Locate well correctly

Operator: Ceja Corporation

Address: 4400 One Williams Center Tulsa, Okla. 74172

Well No.: 1 Lease Name: Williams

Footage Location: 660 feet from (N) (S) line 330 feet from (E) (W) line Lot 3

Principal Contractor	Geologist
Curt Brown Drlg. Co.	Charles Wickstrom

Spud Date	Date Completed	Total Depth	P.B.T.D.
10-7-80	10-21-80	5213	----------

Elev.: Gr. 1130

DF 1135 KB 1137

Directional Deviation	Oil and/or Gas Purchaser
None	Total Pet. Inc.

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 Pipe	11	8 5/8	24	240	Regular	175	2% Ca Cl2
Prod String	7 7/8	5½	15.5	5208	Hall Lite Regular	200 200	10% salt.75% CFR2 & ¼ # Flo-Cele per sack

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 1/2" EUE	4864	None

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	2 1/8" hyperdome	4842-4847
4	4" hyper# II gun	4829- 4834
4	2 1/8" hyperdome gun	4396-4400

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Frac. 7 bbls. MA,72bbls CF-2 Pad, 48bbls CF-2W/½#R 20/40 per bbl.	4846-4847
Mini Frac 180 bbls X-Link gelled water & 1000# R-20/40 Sd	4396-4400

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
4/6/81	Pumping & Flowing

RP	Oil	Gas	Water	Gas-oil ratio
	20 bbls.	145 MCF	80 bbls.	7000/1

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Used on lease	4842-47, 4829-34, & 4396-4400

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 filed with 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 ~~316-316-263-3238~~. 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.

316-263-3238

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, DRY HOLE, SWDW, ETC.:
Ceja Corporation	Oil
Well No. 1	**Lease Name** Williams
S 16 T 35S R 3 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 & thin sds. and lime	0	2020		
Sd. & shy sd.	2020	2157		
Shale	2157	2207		
Broken sand	2207	2330		
Shale	2330	2409		
White cloud sand	2409	2578		
Shale	2578	2673		
Broken lime	2673	2750		
Shale & sdy. shale & thin limes	2750	2935		
Shale	2935	3234		
Broken sand	3234	3422		
Shale & sdy. shale	3422	3669		
Kansas City	3669	3752		
Shale	3752	3803		
Broken thin limes & shale	3803	3952		
Big lime - Oswego	3952	4082		
Shale & sdy. shale	4082	4341		
Miss. chert & chat	4341	4431		
Miss lime	4431	4632		
Woodford shale	4632	4734		
Wilcox sd.	4734	4850		
Simpson zone shale, sd. & sdy. shale	4850	4973		
Arbuckle lime	4973	5213		
No cores on D.ST. 's				
Samples sent to Kansas State Geological Survey Wichita by Schlumberger truck				

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

Date Received

Joseph L. Marucheck
Signature

Geologist
Title

2/3/1982
Date

State Geological Survey 16-35-3W

WICHITA, BRANCH

SIDE ONE **AFFIDAVIT OF COMPLETION FORM** (REV) ACO-1

This form **shall** be filed **in duplicate** 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.

Attach separate letter of request if the information is to be held **confidential**. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete **ALL** sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Ceja Corporation

ADDRESS 4400 One Williams Center

Tulsa, Okla. 74172

**CONTACT PERSON James Freeman

PHONE 918-584-7266

PURCHASER Total Pet. Co.

ADDRESS P.O. Box 500

Denver, Colo. 80201

DRILLING CONTRACTOR Curt Brown Drlg. Co.

ADDRESS Tulsa, Okla.

PLUGGING CONTRACTOR

ADDRESS

TOTAL DEPTH 5213 PBTD

SPUD DATE 10-7-80 DATE COMPLETED 10-21-80

ELEV: GR 1130 DF 1135 KB 1137

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

RECEIVED
STATE CORPORATION COMMISSION
FEB 12 1982
CONSERVATION DIVISION

API NO. C C 177852

COUNTY Sumner

FIELD Caldwell

PROD. FORMATION Miss. Chat & Wilcox

LEASE Williams

WELL NO. 1

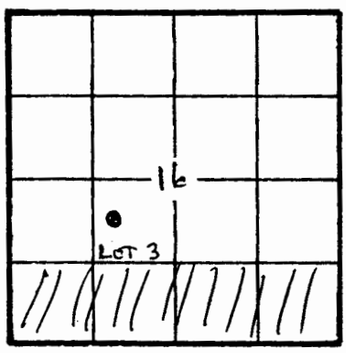
WELL LOCATION

660 Ft. from S Line and

330 Ft. from W Line of Lot 3

the SW/4 SEC. 16 TWP. 35S RGE. 3W

WELL PLAT



KCC ___
KGS ✓
(Office Use)

Amount of surface pipe set and cemented 240'. DV Tool Used? No

AFFIDAVIT

STATE OF Oklahoma, COUNTY OF Tulsa SS, I, Joseph L. Marucheck OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES THAT HE IS Representative (FOR)(OF) Ceja Corporation OPERATOR OF THE Williams 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 4 DAY OF 6, 19 81, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) Joseph L Marucheck
Joseph L. Marucheck

SUBSCRIBED AND SWORN BEFORE ME THIS 10th DAY OF February, 19 82.

Jan F. Brown
NOTARY PUBLIC

MY COMMISSION EXPIRES: Dec. 23, 1984

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, 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.

16-35-_

SIDE TWO

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 & Thin Sands and Limes	0	2020		
Sand & Shy Sand	2020	2157	Logs Schlumberger	
Shale	2157	2207	Dual Induction	
Broken Sand	2207	2330	Later log and Compen-	
Shale	2330	2409	sated Neutron Density.	
White Cloud Sand	2409	2578		
Shale	2578	2673		
Broken Lime	2673	2750		
Shale & Sdy. Shale & Thin Limes	2750	2935		
Shale	2935	3234		
Broken Sand	3234	3422		
Shale & Sdy. Shale	3422	3669		
Kansas City	3669	3752		
Shale	3752	3803		
Broken Thin Limes & Shale	3803	3952		
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Shale & Sdy. Shale	4082	4341		
Miss. Chert & Chat	4341	4431		
Miss Lime	4431	4632		
Woodford Shale	4632	4734		
Wilcox Sand	4734	4850		
Simpson Zn Shale Sand & Sdy. Shale	4850	4973		
Arbuckle Lime	4973	5213		
No Cores on D.S.T.'s				
Samples sent to Kansas State Geological Survey Wichita by Schlumberger.				

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

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	11	8 5/8	24	240	Reg.	240	2% Ca Cl-
Production	7 7/8	5½	15.5	5208	Hall lite regular	200 200	10% salt & .75% CFR2 + ¼ # Flu-cele per sk.

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2½" EUE	4864	None

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	2 1/8" Hyperdome	4842-4847
4	4" Hyper # 11	Gun 4829-4834
4	2 1/8" Hyperdome	4396-4400

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Frac. 7 Bbls. MA, 72 Bbls. CF-2 Pad , 48 Bbls. CE-2, & ½#	4842-4847
R 20/40 Sand per Bbl.	
Mini-Frac. 180 bbls. X-Link gelled water & 1000# R 20/40 Sand	4396-4400

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
4-6-81	Pumping & Flowing	41 °

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	20 bbls.	145 MCF	% 80 bbls.	7000/1 CFPB

Disposition of gas (vented, used on lease or sold): Used on lease

Perforations 4842-47, 4829-34 & 4390-4400