

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5601
Name Associated Petroleum Consultants, Inc.
Address Suite 600 - One Main Place
City/State/Zip Wichita, KS 67202

Purchaser: Getty Trading & Transportation Company

Operator Contact Person Phyllis Buchanan
Phone 265 - 9385

Contractor: License # 5867
Name Heartland Drilling, Inc.

Wellsite Geologist: John D. Howard, Jr.
Phone 265 - 9386

- Designate Type of Completion
- New Well Re-Entry Workover
- Oil SMD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

8/31/84 9/10/84 9/9/84
Spud Date Date Reached TD Completion Date

4810' 3858'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 330 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set. feet
If alternate 2 completion, cement circulated from. feet depth to. w/ SX cmt
Alternate 1 used.

API NO. 15-077-21-028-00-00

County Harper

E/2. E/2. NE. Sec. 16. Twp. 34S. Rge. 6W. East West

3960 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

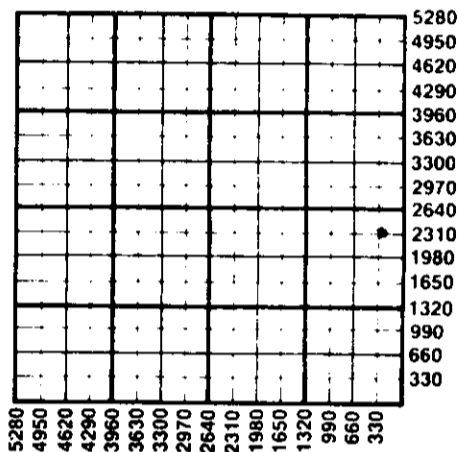
Lease Name Robb Well # 1

Field Name Eastham Field

Producing Formation Jayton Sandstone

Elevation: Ground 1276 KB 1286

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater. Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water. 2310 Ft North from Southeast Corner (Stream, pond etc). 330 Ft West from Southeast Corner Sec 9 Twp 34 Rge 6 East West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

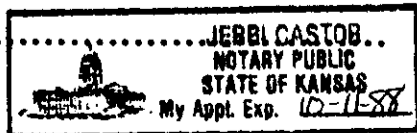
Signature Phyllis Buchanan

Title Phyllis Buchanan, Office Manager Date 11/29/84

Subscribed and sworn to before me this 28 day of November 1984

Notary Public Jerri Castor

Date Commission Expires



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other

(Specify)

RECEIVED
STATE CORPORATION COMMISSION

Form ACO-1 (7-84)

REC'D 05 1984
12-5-84

Section 16 Twp 34 Rge 6W

SIDE TWO

Operator Name Associated Petroleum Consultants, Inc. Lease Name Robb Well # 1

Sec. 16 Twp. 34S Rge. 6 East West County Harner

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

FROM	TO	DESCRIPTION	Name	Top	Bottom
0	342	Red Bed	Heebner	3196	(-1910)
342	1145	Red Bed & Shale	Iatan	3552	(-2266)
1145	3950	Shale	Stalnaker Sandstone #1	3564	(-2278)
3950	4085	Shale & Lime	Stalnaker Sandstone #2	3618	(-2332)
4085	4205	Lime	Kansas City	3848	(-2562)
4205	4460	Shale & Lime	Layton Sandstone	3852	(-2566)
4460	4810	Lime	Stark	4008	(-2722)
			Hushpuckney	4067	(-2781)
			Base Kansas City	4110	(-2824)
			Marmaton	4178	(-2892)
			Cherokee	4316	(-3030)
			Weathered Mississippian	4516	(-3230)
			Mississippian	4520	(-3234)
			RTD	4810	(-3524)
			LTD	4816	(-3530)

DST #1 3846 - 3856
 op30 si60 op90 si60
 Weak to fair blow on both the initial & FFP.
 No gas to surface.
 Rec: 300' gas in pipe.
 60' gas & SOCM. (10% gas, 2% oil, 88% mud)
 60' gas & OCM (30% gas, 5% oil, 55% mud, 10% water.)
 60' gas & OCM (35% gas, 5% oil, 50% mud, 10% water.)

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/2"	8 5/8"	23 1/2	318'	Common	275	3% CaCl ₂ , 2% gal
Production	7 7/8"	4 1/2"	10.5	4815'	EA2	150	None
					HOWCO LIGHT	75	None
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	3852 - 3858			750 gallons DSFE Acid		3853-58'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production				Producing Method			
10/16/84				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)			
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
20 Bbls			MCF	Bbls	CFPB	44°	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation 3852 - 3858
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

DST #1 cont.

IHH	1873 psi	FHH	1852 psi
IFP	72-72 psi	FFP	104-104 psi
ICIP	758 psi	FCIP	727 psi

DST #2 4525 - 4579

op30 si60 op60 si60

Strong blow with gas to surface in 3 minutes.

Recovered: 90' gas cut mud.

Pre-Flow

<u>Time</u>	<u>PSI</u>	<u>Orifice Size</u>	<u>Description</u>
3	- -	1"	gas to surface
10	2.0	1"	195,000 CFPD
20	2.5	1"	220,000 CFPD
30	2.5	1"	220,000 CFPD

Second Flow

<u>Time</u>	<u>PSI</u>	<u>Orifice Size</u>	<u>Description</u>
10	2.5	1"	220,000 CFPD
20	2.5	1"	220,000 CFPD
30	2.0	1"	195,000 CFPD
40	2.0	1"	195,000 CFPD
50	1.5	1"	169,000 CFPD
60	1.5	1"	169,000 CFPD

IHH	2209 psi	FHH	2209 psi
IFP	104-83 psi	FFP	83-53 psi
ICIP	987 psi	FCIP	873 psi

DST #3 4676 - 4786

op30 si60 op90 si60

Weak steady blow on both the initial and final flow periods.

Recovered: 240' of slightly oil cut mud.

IHH	2344 psi	FHH	2323 psi
IFP	52-52 psi	FFP	83-104 psi
ICIP	1632 psi	FCIP	1433 psi

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DEC 05 1964

CONFIDENTIAL INFORMATION
NO. 100-10000