P1

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey

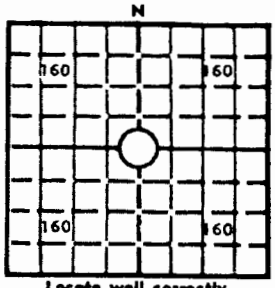
S. 14 T. 31S R. 13 E/W

Loc. C S½ SW

County Barber

API No. 15 — 007 (County) — 21187 (Number)

640 Acres
N



Locate well correctly

Elev.: Gr. 1629'

DF _____ KB 1637'

Operator	
EAGLE EXPLORATIONS, INC.	
Address	
107 N. MARKET SUITE 300 WICHITA, KANSAS 67202	
Well No.	**Lease Name**
2	PACKARD
Footage Location	
660 feet from (N) (S) line	320 feet from (E) (W) line
Principal Contractor	**Geologist**
TRANS-PAC DRILLING INC.	WILLIAM A SLADEK
Spud Date / **Date Completed** / **Total Depth** / **P.B.T.D.**	
1981-05-21 / 1981-06-06 / 4736' / 4716'	
Directional Deviation	**Oil and/or Gas Purchaser**
1° 4736	KOCH

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	12¼	8 5/8	20	326.15	CLASS"A"	250	3% $CaCl_2$
PRODUCTION	7 7/8	5½	14	4736	1:1:2 POZMIX	400	18% Salt 0.75% CFR_2

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4288	---

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	4" HSC	4609-4612
4	4" HSC	4234-4240

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD SEE ATTACHED PAGE

Amount and kind of material used	Depth interval treated
250 GAL. 5% Acetic	4609-4612'
CIBP	4560'
1000 Gals 15% MSR	4234-4240'

RECEIVED
STATE CORPORATION COMMISSION
AUG 3 1981
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION
AUG 30 1981
CONSERVATION DIVISION
Wichita, Kansas

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
1981-07-13	Pumping

ATE OF PRODUCTION ER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	10 bbls.	Not Measured MCF	73 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Used on Lease and Vented	4234-4240'

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.:
EAGLE EXPLORATIONS, INC.		
Well No. 2	Lease Name PACKARD	OIL
S 14 T 31S R 13 E W	State Geological Survey WICHITA BRANCH	

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
D.S.T. #1 DOUGLAS 30-60-60-90	3615	3642	LOG TOPS:	
P.F. Weak air blow increasing to strong air blow in 20 mins. V.O. Weak air blow increasing to strong air blow.			INDIAN CAVE	2647 (-1010)
			TOPEKA	3059 (-1422)
			HEEBNER	3568 (-1931)
			UPPER DOUGLAS SAND STONE	3633 (-1996)
Recovery: 600' G.I.P. 90' Mud, 240' OGC Wtry. Mud (5% oil, 41% Gas, 5% Water, 49% Mud) 60' VSOG Mdy. Wtr. (2% Oil, 5% gas, 71% Water 22% Mud) 120' Mdy. Wtr (14% Mud, 86% Water)			LOWER DOUGLAS SAND STONE	3700 (-2063)
			LANSING	3749 (-2112)
			SWOPE	4073 (-2436)
			HERTHA	4111 (-2474)
ISIP: 1265 IFP:134-224 FFP: 256-295 FSIP: 1263 IHP: 1795 FHP: 1763			MASSEY	4196 (-2559)
			MISSISSIPPIAN	4235 (-2598)
			KINDERHOOK	4387 (-2750)
			VIOLA	4469 (-2832)
D.S.T. #2 DOUGLAS 30-60-60-90 P.F.: Strong air blow throughout V.O. Strong air blow	3679	3716	SIMPSON SAND	4605 (-2968)
			ARBUCKLE	4679 (-3042)
Recovery: 2200' G.I.P., 2100' slightly gassy water.			LOGS:	
ISIP: 1792 IFP: 193-395 FFP: 492-714 FSIP: 1792 IHP 2017 FHP: 1844			DUAL INDUCTION LATEROLOG COMPENSATED NEUTRON-FORMATION DENSITY, PROXIMITY LOG - MICROLOG	
D.S.T. #3 KANSAS CITY 30-60-60-90 (STRADDLE) P.F. Strong air blow decreasing G.T.S. in 7 mins. V.O. G.T.S. immediately	3962	3985		
10 mins 140 Mcfd 40 mins. 34 Mcfd. 20 mins. 76 Mcfd. 50 mins. 33 Mcfd 30 mins. 34 Mcfd. 60 mins. 34 Mcfd.				
Recovery: 800' Gsy. oil (30% gas, 57% oil, 13% water) 300' foamy oil, 120' gassy muddy oil (15% oil, 37% mud, 8% Water, 40% gas) 120' salt water				
OOLACASTIC LIME: Good saturation and free oil.				

RECEIVED STATE CORPORATION COMMISSION
CONSERVATION DIVISION Wichita, Kansas
RECEIVED STATE CORPORATION COMMISSION JUL 30 1981 CONSERVATION DIVISION Wichita, Kansas

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

Date Received

Mary Lynn Ramsey
Signature

Geologist
Title

8-27-81
Date

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
EAGLE EXPLORATIONS, INC. CONTINUED	

Well No.	Lease Name
2	PACKARD

S 14 T 31 R 13 E W

State Geological Survey
WICHITA BRANCH

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
D.S.T. #4 DENNIS LIME 30-60-60-90 P.F. Weak air blow (tool plugged) V.O. Weak Air blow increasing to strong air blow Recovery: 30' oil specked mud with slight gas, 120' frothy oil specked mud, 180' watery gasy oil specked mud, 180' slightly gassy watery mud, 180' clear water 60' G.I.P. ISIP 1574 IFP (tool plugged) FFP 98-262 FSIP 1519 IHP 1972 FHP 1952	4035	4065		
D.S.T. #5 KANSAS CITY 30-60-60-90 P.F. Weak air blow increasing to strong air blow in 8 mins. V.O. Weak air blow increasing to strong air blow in 8 mins. Recovery: 120' gassy OCM (10% Oil, 35% mud, 10% water, 45% gas) 120' wty O.C. Frothy mud, 60' Oil specked water, 330' water. ISIP 1553 IFP 88-176 FFP 217-282 FSIP 1547 IHP 1909 FHP 1933	4065	4095		
D.S.T. #6 MASSEY LIME 30-30-30-60 P.F. Very weak air blow. Dead in 2 mins. V.O. Dead Recovery: 20' mud ISIP 59 IFP 84-65 FFP 51-59 FSIP 69 IHP 2061 FHP 2001	4183	4220		

RECEIVED
STATE CORPORATION COMMISSION
JUN 2 1931
CONSERVATION DIVISION
Wichita, Kansas
RECEIVED
STATE CORPORATION COMMISSION
JUN 30 1931
CONSERVATION DIVISION
Wichita, Kansas

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

Date Received	
	Signature
	Title
	Date

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
EAGLE EXPLORATIONS INC. (CONTINUED PAGE THREE)	P1

Well No.	Lease Name
2	PACKARD

S 14 T 31 R 13 E/W

State Geological Survey
WICHITA BRANCH

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
Variable Lime, white granular to medium crystalline, with gray opaque chert fragments, poor to fair pinpoint vugular porosity.				
D.S.T. #7 MISSISSIPPI 30-60-60-90	4228	4240		
P.F. Strong air blow increasing slightly				
V.O. Strong air blow, decreasing slightly throughout G.T.S. in 38 mins. T.S.T.M.				
Recovery: 65' slightly gassy mud (20% gas, 6% water, 74% mud water) 4135' G.I.P.				
Weathered cherts, good stain and good free oil shows.				
D.S.T. #8 MISSISSIPPI 30-60-60-90	4240	4270		
P.F. Weak air blow				
V.O. Weak air blow				
Recovery: 62' slightly gassy mud (85% mud, 10% gas, 5% water) 62' watery gas mud with oil specks (65% mud, 15% water, 19% gas 1% oil)				
ISIP 641 IFP 75-59 FFP 88-88 FSIP 1031 IHP 1992 FHP 1972				

RECEIVED
STATE CORPORATION COMMISSION
AUG 30 1981
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

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

Date Received	
	Signature
	Title
	Date

14-31-13W

State Geological Survey
WICHITA BRANCH

Eagle Explorations, Inc.

SUITE 300, 107 N. MARKET, WICHITA, KANSAS 67202
TELEPHONE (316) 265-2897

COMPLETION CHRONOLOGY

PACKARD #2: C S½ SW
SEC. 14-31S-13W
BARBER COUNTY, KANSAS

MICU, P.B. 4679', Acidized 250 gals with 5% Acetic Acid, Perf. 4609-4612' (Simpson) @ 2 spf., Model R Pkr. @ 4548', T.O. Pkr., CIBP @ 4560', Swabbed to 3000, P.B. 4560', Perf. 4234-4240' @ 4 spf., Acidized 1000 gals. with 15% MSR, Swabbed, Trace oil, good show gas, swabbed, rec. 74.07 bbls. fluid/10 hrs., oil cut 40%, good gas blow, Swabbed, Rec. 26.03/10.5 hrs., 10-15% oil, good gas blow, Swabbed, average 1½ bbls./hr, 5% oil, for 9 hrs., Blew down well, swabbed, avg. 1.4 bbls./hr. with 5% oil cut, Blew down casing, Frac. with 70% Quality Foam, Flo 35 bbls/9½ hrs. with 6% oil, Frac. with 65% Quality Foam, Flo 511 bbls./43 hrs., Avg. oil cut 8%, PBTD 4533', Put on pump, Pumping

RECEIVED
STATE CORPORATION COMMISSION
AUG 3 0 1981
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION
AUG 3 0 1981
CONSERVATION DIVISION
Wichita, Kansas

P1

14-31-13w

PACKARD #2 BARBER COUNTY, KANSAS

State Geological Survey
WICHITA BRANCH

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD:

FRAC	70% Quality Foam	4234-4240'
FRAC	65% Quality Foam	4234-4240'

RECEIVED
STATE CORPORATION COMMISSION
AUG 30 1991
CONSERVATION DIVISION
Wichita, Kansas