

ORIGINAL

SIDE ONE

CONFIDENTIAL APR 09 1992

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 145-21-356 FROM CONFIDENTIAL

County Pawnee
SE SE SE Sec. 36 Twp. 20 Rge. 16 East West
330 Ft. North from Southeast Corner of Section
330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Deckert Well # 1
Field Name _____
Producing Formation Arbuckle
Elevation: Ground 1981 KB 1986
Total Depth 3895 PBDT 3895

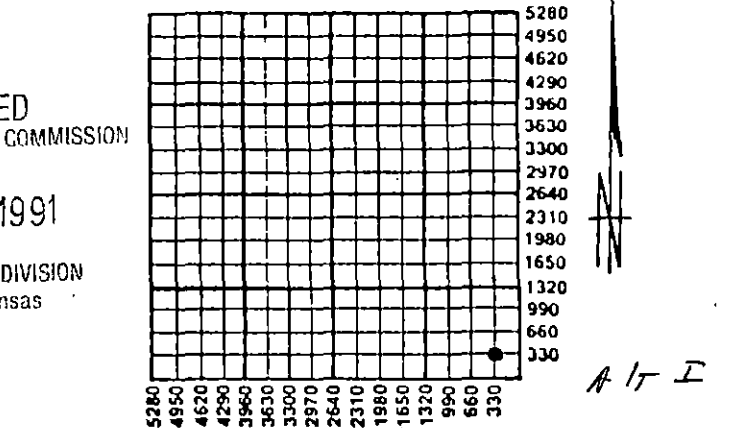
Operator: License # 5822
Name: VAL Energy, Inc.
Address Box 322
City/State/Zip Haysville, KS 67060
Purchaser: Maclaskey
Operator Contact Person: K. Todd Allam
Phone (316) 522-1560

Contractor: Name: VAL Energy, Inc.
License: 5822
Wellsite Geologist: Todd Morganster

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

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

Drilling Method:
 Mud Rotary Air Rotary Cable
1-23-91 1-30-91 2-13-91
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 1010 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 K Todd Allam
Title President Date 2-15-91
Subscribed and sworn to before me this 15th day of February, 19 91.
Notary Public Gary D Stearns
Date Commission Expires 2-19-92

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)

GARY D. STEARNS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2-19-92

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SIDE TWO

Operator Name VAL Energy, Inc. Lease Name Deckert Well # 1

Sec. 36 Twp. 20 Rge. 16 [] East [x] West County Pawnee

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 [x] Yes [] No (Attach Additional Sheets.)
Samples Sent to Geological Survey [x] Yes [] No
Cores Taken [] Yes [x] No
Electric Log Run [x] Yes [] No (Submit Copy.)

Formation Description
[x] Log [x] Sample
Name Top Bottom
See report attached

CASING RECORD [] New [] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Includes data for 12-1/4 and 7-7/8 hole sizes.

PERFORATION RECORD table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid; Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Includes data for 2 shots per foot at 3770-3772.

TUBING RECORD Size 2-7/8 Set At 3770 Packer At -- Liner Run [] Yes [x] No

Date of First Production 2-18-91 Producing Method [] Flowing [x] Pumping [] Gas Lift [] Other (Explain)

Table with 8 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity. Includes data for 25 Oil Bbls, 10 Gas Mcf, 225 Water Bbls.

Disposition of Gas: [] Vented [] Sold [x] Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION: [] Open Hole [x] Perforation [] Dually Completed [] Commingled [] Other (Specify) Production Interval

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LANSING-KANSAS CITY: (Cont.)

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3604-3608 Limestone, tan, cream and gray, finely crystalline, mostly dense, slightly fossiliferous, some oolitic and oolitic, no shows of oil were noted.

FROM CONFIDENTIAL

ARBUCKLE:

3754-3763 Dolomite, tan and light brown, finely crystalline, slightly dense, sucrosic in part, with fair inter-crystalline porosity, fair spotted staining and saturation, fair show of free oil, good odor.
(Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

3756-3763

Strong blow/GTS in 10 min.	30 min.	I.H.P.	1847#
		I.F.P.	109#- 83#
Strong blow	30 min.	I.S.I.P.	1186#
	30 min.	F.F.P.	110#-148#
	30 min.	F.S.I.P.	1162#
		F.H.P.	1814#

(Plugging on initial and final flow periods.)

GAS FLOW REPORT:Initial Flow

<u>Time in Minutes</u>	<u>P.S.I. on Orifice</u>	<u>Size of Orifice</u>	<u>Description of Flow</u>
10	14 lbs.	3/4"	317,000 CFPD
20	10 lbs.	3/4"	259,000 CFPD
30	30 lbs.	3/4"	175,000 CFPD

Final Flow

<u>Time in Minutes</u>	<u>P.S.I. on Orifice</u>	<u>Size of Orifice</u>	<u>Description of Flow</u>
0	10 lbs.	3/4"	259,000 CFPD
10	10 lbs.	3/4"	259,000 CFPD
20	10 lbs.	3/4"	259,000 CFPD
30	10 lbs.	3/4"	259,000 CFPD

RECOVERY: 75' gas and mud cut oil. (35% mud, 10% water, 55% oil)TEMPERATURE: 114°RECEIVED
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Wichita, Kansas

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FROM CONFIDENTIAL

FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	N/A	992'	+ 994
BASE ANHYDRITE	N/A	1016'	+ 970
HEEBNER	3321'	3320'	-1334
TORONTO	3339'	3338'	-1352
DOUGLAS	3353'	3351'	-1365
BROWN LIME	3410'	3412'	-1426
LANSING	3424'	3422'	-1436
"G" ZONE Ø	3488'	3488'	-1502
BASE K.C.	3661'	3661'	-1675
ARBUCKLE	3755'	3754'	-1768
LOG TOTAL DEPTH	****	3899'	-1913
ROTARY TOTAL DEPTH	3900'	****	-1914

SAMPLE DESCRIPTIONS AND TEST DATA:

(All depths have been corrected to log measurements.)

LANSING-KANSAS CITY:

- 3422-3430 Limestone, cream, tan and gray, finely crystalline, oolitic and slightly oolitic, with poor visible oolitic porosity, chalky in part, no shows of oil were noted.
- 3488-3510 Limestone, tan, cream and gray, very finely crystalline, oolitic in part, very oolitic, barren, with good visible oolitic porosity, slightly chalky, no shows of oil were noted.
- 3562-3568 Limestone, tan and gray, finely crystalline, slightly dense, fossiliferous, oolitic and slightly oolitic, with poor to fair oolitic porosity, no show sof oil were noted.

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ARBUCKLE: (Cont.)

3764-3774

Dolomite, tan and brown, fine to medium crystalline, slightly oolitic in part, with good intercrystalline and pinpoint vugular porosity, good staining and saturation, good show of free oil, strong odor.
(Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

3762-3774

		I.H.P.	1849#
Strong blow/GTS in 8 min.	30 min.	I.F.P.	619#- 781#
	30 min.	I.S.I.P.	1191#
Strong blow	30 min.	F.F.P.	853#-1030#
	30 min.	F.S.I.P.	1192#
		F.H.P.	1849#

GAS FLOW REPORT:Initial Flow

<u>Time in Minutes</u>	<u>P.S.I. on Orifice</u>	<u>Size of Orifice</u>	<u>Description of Flow</u>
8	5 lbs.	1/2"	78,100 CFPD
15	5 lbs.	1/2"	78,100 CFPD
25	5 lbs.	1/2"	78,100 CFPD
30	5 lbs.	1/2"	78,100 CFPD

Final Flow

<u>Time in Minutes</u>	<u>P.S.I. on Orifice</u>	<u>Size of Orifice</u>	<u>Description of Flow</u>
10	3 lbs.	1/2"	59,200 CFPD
20	1 lb.	1/2"	33,900 CFPD
30	1 lb.	1/2"	33,900 CFPD

RECOVERY: 2,600' clean oil. (37° gravity)
300' salt water.

CHLORIDES: 55,000 P.P.M.

TEMPERATURE: 114°

3775-3785

Dolomite, tan, buff and brown, finely crystalline, slightly dense in part, some white chert, with poor to fair visible intercrystalline porosity, scattered staining and saturation, fair to good odor, slight show of free oil.

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ARBUCKLE: (Cont.)

3786-3792 Dolomite, tan, brown and some pink, fine to meidum crystalline, sandy in part, with good intercrystalline and pinpoint porosity, fair staining and saturation, good odor and fair to good show of free oil.
(Covered by D.S.T. No. 3)

FORMATION TEST NO. 3

		I.H.P.	1852#
Strong blow	30 min.	I.F.P.	194#-353#
	30 min.	I.S.I.P.	1197#
Strong blow	30 min.	F.F.P.	397#-463#
	30 min.	F.S.I.P.	1197#
		F.H.P.	1839#

RECOVERY: 2,200' gas in pipe.
90' slighty water cut gassy oily mud. (60% mud, 10% water, 30% oil)
960' salt water.

CHLORIDES: 55,000 P.P.M.

TEMPERATURE: Invalid.

3793-3802 Dolomite, tan, cream and some white, fine to coarsely crystalline, slightly ooliticastic, with good intercrystalline and pinpoint porosity, fair spotted staining and saturation, fair odor, fair show of free oil. (Covered by D.S.T. No. 4)

FORMATION TEST NO. 4

		I.H.P.	1791#
Strong blow	30 min.	I.F.P.	369#- 829#
	30 min.	I.S.I.P.	1182#
Strong blow	30 min.	F.F.P.	918#-1136#
	30 min.	F.S.I.P.	1196#
		F.H.P.	1760#

RECOVERY: 120' gas and water cut mud with a few spots of oil.
2,400' salt water.

CHLORIDES: 55,000 P.P.M.

TEMPERATURE: 116°

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Wichita, Kansas

ARBUCKLE: (Cont.)

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3809-3815

Dolomite, light brown, tan and some white, finely crystalline, slightly oolitic, with fair to good visible intercrystalline porosity, sandy in part, some chalk, light spotted staining and saturation, light odor, slight show of free oil. (Covered by D.S.T. No. 5)

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FORMATION TEST NO. 5

		I.H.P.	1848#
Strong blow	10 min.	I.F.P.	265#-265#
	30 min.	I.S.I.P.	1176#
Strong blow/GTS in 5 min.	20 min.	F.F.P.	420#-560#
	30 min.	F.S.I.P.	1157#
		F.H.P.	1820#

COMMENT: Gas was too weak to gauge.

RECOVERY: 150' watery cut oily mud. (40% mud, 30% water, 25% oil, 5% gas)
1,000' water.

CHLORIDES: 55,000 P.P.M.

TEMPERATURE: 116°

3816-3832

Dolomite, tan, cream and white, fine to medium crystalline, oolitic and oolitic, slightly sandy in part, with good intercrystalline and oolitic porosity, very slight show of light spotted staining, slight show of free oil, no odor.

3833-3842

Dolomite, as above, less oolitic, slightly chalky, scattered spotted staining, no show of oil.

SUMMARY:

With the positive results of D.S.T. No. 1 & 2, the favorable structural position and in reviewing the open hole logs, it was recommended that 5 1/2" production casing be run and the No. 1 Deckert be completed through perforations.

RECOMMENDED PERFORATIONS

3770-3772
3761-3763

Respectfully submitted,

Todd E. Morgenstern

Todd E. Morgenstern
Geologist

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CONSERVATION DIVISION
Wichita, Kansas

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ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

RELEASED
No. 1233

APR 09 1992

N.W.

Date	1-24-90	Sec.	36	Twp.	20	Range	16	Called Out	11:00 P.M.	On Location	12:45 A.M.	4:00 A.M.	4:30 A.M.	
Lease	Decker	Well No.	#1	Location ^{West Side} Pawnee Rock, 2 W. 1/4 N. 15 W. 1/2 S. 15				County	Pawnee	State	KS.			

Contractor	Val Energy
Type Job	Surface
Hole Size	12 1/4" T.D. 1010'
Csg.	8 5/8" Depth 1010'
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	20' Shoe Joint
Press Max.	Minimum
Meas Line	Displace 62 1/4 bbl.
Perf.	RECEIVED

Owner	Same
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	Val Energy
Street	Box 322
City	Haysville, State Mo. 67060
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Don A. Edwards
CEMENT	
Amount Ordered	375 sacks 60/40 390cc, 290 gel.

EQUIPMENT		
STATE CORPORATION COMMISSION		
MAR 11 1991		
Pumptrk #	No.	Cementer
181		Tim
		CONSERVATION DIVISION
		Wichita, Kansas
Pumptrk	No.	Cementer
		Helper
Bulktrk #		Driver
179		Jacks
Bulktrk		Driver

Consisting of			
Common	225	5.25	1181.25
Poz. Mix	150	2.25	337.50
Gel.	8	6.75	N/A
Chloride	11	21.00	231.00
Quickset			
Handling	375	1.00	375.00
Mileage	17		255.00
Sub Total			
Total			2379.75

DEPTH of Job		
Reference:	Pumptrk Charge	380.00
17	Pumptrk Mileage	34.00
1	8 5/8 Rubber Plug	63.00
	710' at .39	276.90
	Total	753.90

Floating Equipment	
Total #	3133.65
Disc -	626.73

Remarks: Ran 1010' of 8 5/8 csg. mixed 375 sacks 60/40 3+2. Pumped Plug to 999' with fresh water cement did circulate Allied Cementing Co. Inc. T. D. By Tim Duhon

\$ 2506.92

HALLIBURTON SERVICES

A Halliburton Company

REMIT TO:
P.O. BOX 951040
DALLAS, TX 75395-1046

15.145.21356.0000

RELEASED INVOICE NO. DATE
091949 01/31/19

Deckert #1

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
#1 Completion	PAWNEE	OK	CONFIDENTIAL
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
WAT BEND	VAL ENERGY RIG #1	CEMENT PRODUCTION CASING	01/31/1992
ACT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
921429	RICK SMITH		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	0970

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VAL ENERGY, INC.
P. O. BOX 322
HAYSVILLE, KS 67060

MAR 11 1991

CONSERVATION DIVISION
Wichita, Kansas

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	17	MI	2.35	39.95
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	17	MI	.40	6.80
		1	UNT		
001-016	CEMENTING CASING	3908	FT	1,145.00	1,145.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5 1/2	IN	53.00	53.00
		1	EA		
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	104.00	104.00
825.205					
40	CENTRALIZER 5-1/2" MODEL S-4	5	EA	44.00	220.00
807.93022					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19311					
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	155.00	155.00
504-308	STANDARD CEMENT	75	SK	5.35	401.25
506-105	POZMIX A	50	SK	2.79	139.50
506-121	HALLIBURTON-GEL 2%	2	SK	.00	N/C
509-968	SALT BLENDED	600	LB	.10	60.00
509-968	SALT NOT MIXED	400	LB	.10	40.00
508-292	GILSONITE, SACKED	500	LB	.47	235.00
507-153	CFR-3	54	LB	4.00	216.00
507-210	FLOCELE	19	LB	1.30	24.70
507-918	GASSTOP	22	LB	29.00	638.00
500-307	MILEAGE SURCHARGE-CEMENT MAT.	106.78	TMI	.10	10.68
500-207	BULK SERVICE CHARGE	150	CFT	1.10	165.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	106.76	TMI	.75	80.07

INVOICE SUBTOTAL

3,846.95

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.