

ORIGINAL

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

FEB 13

CONFIDENTIAL

Operator: License # 5822
Name: VAL Energy, Inc.
Address Box 322
Haysville, Ks. 67060
City/State/Zip _____

Purchaser: McClaskey

Operator Contact Person: K. Todd Allam

Phone (316) 522-1560

Contractor: Name: VAL Energy, Inc.

License: 5822

Wellsite Geologist: Todd Morganstern

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

1-6-92 1-15-92 2-15-92
Spud Date Date Reached TD Completion Date

API NO. 15- 185-22809-0000

County Stafford

165 WNW NENE - Sec. 32 Twp. 25 Rge. 11 E W

4950 Feet from S/W (circle one) Line of Section

1155 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Nelson Well # 1

Field Name unknown

Producing Formation Mississippian

Elevation: Ground 1833 KB 1838

Total Depth 4155 PBTB 4121

Amount of Surface Pipe Set and Cemented at 244 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.

Drilling Fluid Management Plan ACT 1 9-21-92
(Data must be collected from the Reserve Pit)

Chloride content 35 ppm Fluid volume 3490 bbls

Dewatering method used trucked by J & M Water Hauling Inc

Location of fluid disposal if hauled offsite:

Operator Name J & M Water Service

Lease Name Clark SWD License No. 4663

NW Quarter Sec. 10 Twp. 26 S Rng. 12 W E/W

County Pratt Docket No. D21,405

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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.

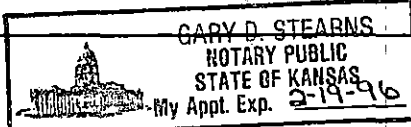
Signature K Todd Allam

Title President Date 3-20-92

Subscribed and sworn to before me this 23rd day of March 19 92.

Notary Public Gary D. Stearns

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep _____ NGPA
KGS Plug _____ Other _____
(Specify)

Operator Name VAL Energy, Inc. Lease Name Nelson Well # 1
 County Stafford
 Sec. 32 Twp. 25 Rge. 11
 East
 West

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 Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No Name Top Datum
 Cores Taken Yes No See Geo Report Included
 Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:
 Dual Induction
 Frac Finder
 Specta Log

CASING RECORD New 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 1/4	8 5/8	23	244'	40/60	200	2%ge13%CC
Production	5 1/2	7 7/8	14	4152	60/40	200	Poz w/Latex

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4/3'	3938 to 3941	1500 gal 7 1/2% Mud Acid
4/3'	3949 to 3952	170m lb/2380 bbl frac
5/8'	3966-3974	
4/6'	3956-3962	
2 per ft.	3588-92, 3608-10, 3714-16	250 gal mud acid per set of perfs.
TUBING RECORD	Size <u>2 3/8</u> Set At <u>3930</u> Packer At _____	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 2/10/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2	10	80		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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FEB 13

15-185-22809

FORMATION TOPS:

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FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	N/A	564'	+1274
BASE ANHYDRITE	N/A	587'	+1251
HEEBNER	3365'	3361'	-1523
TORONTO	3382'	3376'	-1538
DOUGLAS	3397'	3392'	-1554
BROWN LIME	3540'	3535'	-1697
LANSING	3569'	3564'	-1726
BASE K.C.	3880'	3872'	-2034
MISSISSIPPI	3941'	3934'	-2096
KINDERHOOK	4034'	4028'	-2190
VIOLA	4118'	4112'	-2274
LOG TOTAL DEPTH	****	4150'	-2312
ROTARY TOTAL DEPTH	4155'	****	-2317

RELEASED

MAR 30 1993

FROM CONFIDENTIAL

SAMPLE DESCRIPTIONS AND TEST DATA:

(All depths have been corrected to log measurements.)

LANSING-KANSAS CITY:

- 3584-3596 Limestone, gray and cream, finely crystalline, fossiliferous, with fair pinhole and interfossiliferous porosity, light spotted staining and saturation, fair odor, slight show of free oil. (Covered by D.S.T. No. 1)
- 3606-3611 Limestone, tan, buff and gray, finely crystalline, fossiliferous, with fair to good intercrystalline and interfossiliferous porosity, scattered spotted staining, slightly chalky, very slight show of free oil, no odor. (Covered by D.S.T. No. 1)

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CONSERVATION DIVISION
Wichita, Kansas

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FORMATION TEST NO. 1
3570-3624

FROM CONFIDENTIAL

Strong blow	45 min.	I.H.P.	1703#
	45 min.	I.F.P.	102#-102#
Strong blow/GTS in 2 min.	45 min.	I.S.I.P.	1126#
	45 min.	F.F.P.	122#-122#
		F.S.I.P.	1007#
		F.H.P.	1703#

GAS FLOW REPORT:

Final Flow

<u>Time in Minutes</u>	<u>P.S.I. on Orifice</u>	<u>Size of Orifice</u>	<u>Description of Flow</u>
5	14 lbs.	1/4"	6,300 CFPD
15	5 lbs.	1/4"	3,710 CFPD
25	5 lbs.	1/4"	3,710 CFPD
35	5 lbs.	1/4"	3,710 CFPD
45	5 lbs.	1/4"	3,710 CFPD

RECOVERY: 45' slightly oil cut mud. (1% oil, 99% mud)
 60' oil cut watery mud. (20% oil, 60% mud, 20% water)
 60' oil cut muddy water. (20% oil, 25% mud, 45% water, 10% gas)

CHLORIDES: 40,000 P.P.M.

TEMPERATURE: 116°

3666-3680 Limestone, tan and buff, finely crystalline, fossiliferous, slightly oolitic, with fair oolitic porosity, chalky, no shows of oil were noted.

3686-3702 Limestone, gray, light gray and tan, finely crystalline, slightly oolitic and fossiliferous, slightly chalky, oolitic in part, no shows of oil were noted.

3712-3718 Limestone, tan and cream, very finely crystalline, oolitic and oolitic, with good visible oolitic porosity, slightly chalky, with fair scattered staining and saturation, fair show of free oil, fair odor. (Perforate and test this zone before abandoning well.)

3741-3748 Limestone, gray and tan, finely crystalline, oolitic and slightly oolitic, with fair oolitic porosity, rare spotted staining, weak odor, no shows of free oil were noted.

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WICHITA, KS

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LANSING-KANSAS CITY: (Cont.)

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3754-3764 Limestone, cream, finely crystalline, oolitic and oolitic with fair oolitic porosity, slightly chalky, no shows of oil were noted.

MISSISSIPPI:

3934-3945 Chert, white and tan, with fair to good weathering, with fair to good pinpoint vugular porosity, fair show of free oil, slightly gassy, some bleeding gas and oil, fair to good spotted staining and saturation, fair to good yellow florescence. (Covered by D.S.T. No. 2 & 3)

3946-3960 Chert, white, weathered, as above, with fair pinhole and vugular porosity, slight increase in fresh chert, bleeding gas and light brown oil, fair to good florescence. (Covered by D.S.T. No. 2 & 3)

3961-3970 Chert, as above. (Covered by D.S.T. No. 2 & 3)

3971-3985 Chert, white, weathered, with fair pinhole porosity, some slightly vugular, increase in white fresh chert, some having weathered edges and staining, fair show of free oil, less gas. (Covered by D.S.T. No. 2 & 3)

FORMATION TEST NO. 2
3938-3995

Hit bridge going in hole, mis-run.

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FORMATION TEST NO. 3
3938-3995

CONSERVATION DIVISION
WICHITA, KS

Strong blow	45 min.	I.H.P.	1922#
	60 min.	I.F.P.	81#-81#
Strong blow/GTS in 5 min.	60 min.	I.S.I.P.	1315#
	90 min.	F.F.P.	81#-81#
		F.S.I.P.	1295#
		F.H.P.	1922#

GAS FLOW REPORT:

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	15 lbs.	1/4"	6,550 CFPD
20	8 lbs.	1/4"	4,760 CFPD
30	8 lbs.	1/4"	4,760 CFPD
40	8 lbs.	1/4"	4,760 CFPD (Stabilized)

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FORMATION TEST NO. 3 (Cont.)

RECOVERY: 35' mud with oil scum on top.

RELEASED

TEMPERATURE: 115°

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FROM CONFIDENTIAL

VIOLA:

4112-4134 Chert, white and gray, mostly fresh, with fractured, weathered edges, with finely crystalline limestone, with some fair intercrystalline porosity, trace of spotted staining, very slight show of free oil when broken, questionable light odor.

4135-4155 Chert, limestone and dolomite, as above, less show. (All samples in the Viola section were carrying abundant Kinderhook Shale throughout.)

SUMMARY:

Due to the favorable Mississippi Chert section, shows of oil, positive results of D.S.T. No. 3, and evaluation of the open hole logs, it was recommended that 5 1/2" production casing be set to further test the Mississippi Chert.

Respectfully submitted,



Todd E. Morgenstern
Geologist

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MAR 11 1992

CONSERVATION DIVISION
WICHITA, KS

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

FEB 13

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

CONFIDENTIAL
ALLIED CEMENTING CO., INC.

2622

Home Office P. O. Box 31

Russell, Kansas 67665

New

30 1993 1-6-92 1-7-92

Date	1-6-92	Sec.	32	Twp.	25	Range	11	Called Out	10:15 PM	On Location	2:30 AM	Job Start	3:00 AM
Lease	NELSON	Well No.	#1	Location	Stafford, 8S, 2 3/4 E, S15	County	Stafford	State	KS				

Contractor	Val Energy		
Type Job	Surface		
Hole Size	14 3/4"	T.D.	249'
Csg.	10 3/4"	Depth	249'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	23 3/4 bbb
Perf.			

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, Inc.
 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 Dale Smith

CEMENT

Amount Ordered	200 SKS 60/40 3% CC, 2% GR
Consisting of	
Common	120 5.25 630.00
Poz. Mix	80 2.25 180.00
Gel.	4 6.25 25.00
Chloride	6 21.00 126.00
Quickset	

EQUIPMENT

Pumptrk #181	No.	Cementer	Tim Cary
		Helper	
Pumptrk #101	No.	Cementer	
		Helper	
Bulktrk #101		Driver	Jacks
Bulktrk		Driver	

Handling	200 SKS	200.00
Mileage	23	184.00
MAR 11 1992		
CONSERVATION DIVISION WICHITA, KS		
Total		1320.00

DEPTH of Job	Reference:	Charge	380.00
	23 Pumptrk	Mileage	46.00
	1	WOODEN PLUG	42.00
	Total		468.00

Floating Equipment
 Total \$ 1788.00
 Disc - 268.20

Remarks: Cement Did Circulate

RECEIVED
 CONSERVATION COMM.
 MAR 26 1992
 \$ 1519.80

Thanks

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SERVICE TICKET ORIGINAL

UNITED CEMENTING & ACID CO., INC.

No. **2724**

BOX 712

FEB 13 1992
FEL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 1-15-92 COUNTY Stephens
 CHG. TO: Val Energy ADDRESS _____
 CITY _____ STATE **RELEASED** ZIP _____
 LEASE & WELL NO. Nelson #1 SEC. 30-1093 TWP. _____ RNG. _____
 CONTRACTOR Co. Tools TIME ON LOCATION _____
 KIND OF JOB Cement Logging FROM CONFIDENTIAL
 SERVICE CHARGE: 1 Hour Work **800.00**

QUANTITY	MATERIAL USED TYPE	PRICE
150	Say 60-40 Pozmix @ 3.85	577.50 ✓
50	Say 60-40 Pozmix latex @ 1.450	725.00 ✓
1-5/8	AFW bit set valve 8" d	102.50 ✓
1-5/8	Guide Shoe 8" d	80.00 ✓
6-3/4	Centricizer @ 2800 each	16800 ✓
300	BULK CHARGE Say @ 50	150.00 x
61	BULK TRK. MILES (40x60x61)	36600 x
	PUMP TRK. MILES	
7-5/8	PLUGS top Rubber Plug @	35.00 x
	SALES TAX	115.71
	TOTAL	3,119.71

T.D. 4155 CSG. SET AT 4152 VOLUME _____
 SIZE HOLE 7 7/8 TBG SET AT _____ VOLUME _____
 MAX. PRESS. 1000 SIZE PIPE 5 1/2
 PLUG DEPTH 4121 PKER DEPTH _____
 PLUG USED Rubber Cup TIME FINISHED 10:00 AM
 REMARKS: 2 float held 200 say 60-40 Pozmix **RECEIVED**
15 gal Latex **KANSAS CORPORATION COMMISSION:**
50 says 60-40

MAR 11 1992

CONSERVATION DIVISION
WICHITA, KS

EQUIPMENT USED NAME <u>Oliver</u> UNIT NO. _____ NAME <u>Ramrod</u> CEMENTER OR TREATER	NAME <u>Art</u> UNIT NO. _____ NAME <u>Bob Smith</u> OWNER'S REP.
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