

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

ORIGINAL

API NO. 15- 009-24,503-00-00
County Barton
C - E/2 SE - Sec. 5 Twp. 16S Rge. 12 U
1320 Feet from S/N (circle one) Line of Section
660 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 Butch Miller Well # 1
Field Name _____
Producing Formation None
Elevation: Ground 1838' KB 1843'
Total Depth 3321' PBTB _____
Amount of Surface Pipe Set and Cemented at 434 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 434
feet depth to Surface w/ 225 sx cmt.

Drilling Fluid Management Plan None *AITI DVA*
Must be collected from the Reserve Pit
Chloride content 2500 ppm Fluid volume 725 bbls
Deswating method used Evaporate & Backfill
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
County _____ Docket No. _____

Operator: License # 15-009-24,503
Name: Prospect Oil & Gas Company
Address P. O. Box 837
City/State/Zip Russell, KS 67665
Purchaser: _____
Operator Contact Person: Brad Hutchinson
Phone (913) -483-6266
Contractor: Name: Emphasis Oil Operations
License: 8241
Wellsite Geologist: Brad Hutchinson

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. _____
12-12-91 12-18-91
Spud Date Date Reached TD Completion Date

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 Brad Hutchinson
Title partner Date 3-1-92
Subscribed and sworn to before me this 1st day of March, 19 92.
Notary Public Pamela K. Steckel
Date Commission Expires 11-19-92

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)

PAMELA K. STECKEL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11-19-92

PI

Operator Name Prospect Oil & Gas Co. Lease Name Butch Miller Well # 1

East

County Barton

Sec. 5 Twp. 16S Rge. 12 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	762	+1081
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2635	-792
List All E.Logs Run:		Heebner	2914	-1071
Radiation-Guard Log		Toronto	2931	-1088
DST's - see attached geological report		Douglas	2944	-1101
		Brown Line	3000	-1157
		Lansing	3010	-1167
		Conglomerate Sand	3284	-1441
		Arbuckle	3296	-1453
		Electric Log Depth	3321	-1478

CASING RECORD <input 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 1/4	8 5/8	23#	434	Class A	225	2%gel, 3%CC

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input 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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 _____

ORIGINAL

Prospect Oil & Gas Company
Butch Miller #1
60' S C E/2 SE, Section 5-16S-12W
Barton County, Kansas

APL 15-009-24503

Dry and Abandoned

CONTRACTOR: Emphasis Oil Operations
COMMENCED: 12-12-91
COMPLETED: 12-18-91
ELEVATION: 1843' K.B., 1840' D.F., 1838' G.L.
CASING PROGRAM: Surface: 8 5/8" @ 437'
Production: None
MEASUREMENTS: All depths measured from the Kelly Bushing.
DRILLING TIME: One (1) foot drilling time recorded by geologist, surface to the R.T.D. Samples saved 2600' to the R.T.D.
ELECTRIC LOG: By Great Guns, Radiation-Guard Log.
FORMATION TESTING: There were four (4) drill stem test run by Superior Testers, Inc.

<u>FORMATION</u>	<u>ELECTRIC LOG DEPTH</u>	<u>SUB-SEA DATUM</u>
Anhydrite (driller)	762	+1081
Topeka	2635	-792
Heebner	2914	-1071
Toronto	2931	-1088
Douglas	2944	-1101
Douglas Sand	2962	-1119
Brown Lime	3000	-1157
Lansing	3010	-1167
Conglomerate Sand	3284	-1441
Arbuckle	3296	-1453
Rotary Total Depth	3321	-1478
Electric Log Total Depth	3321	-1478

(All tops and zone determinations were corrected to the electric log engineer's measurements.)

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION 2860-2863

Limestone, buff, finely crystalline, slightly oocastic with imbedded quartz grains, fair spotty oocastic to pinpoint porosity, fair brown stain and saturation. Weak show of free oil and odor in fresh samples.

ORIGINAL

Prospect Oil & Gas Company
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Barton County, Kansas
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DRILL STEM TEST #1 2845-2864

OPEN: I.F. 15"
F.F. 15"

BLOW: Weak 15"

Recovery: 120' of drilling mud.

Pressures: ISIP 144 psi
FSIP 166 psi
IFP 72-72 psi
FFP 65-79 psi
HSH 1375-1353 psi

Toronto Section 2934-2936

Limestone, cream, very finely crystalline, slightly chalky, no visible porosity, scattered golden brown stain. No free oil or odor in fresh samples.

Douglas Sand Section 2962-2969

Sandstone, fine grain, very micaceous and glauconitic, very poor intergranular porosity, (tight), scattered dark stain and saturations. Show of free oil and no odor in fresh samples.

Lansing Section 3016-3020

Limestone, white to cream, oolitic to oocastic, nodulitic, fair spotty oocastic porosity, trace of spotty stain. Weak show of free oil and faint odor in fresh samples.

DRILL STEM TEST #2 2940-3025

OPEN: I.F. 45"
F.F. 45"

BLOW: Weak, building

Recovery: 330' of mud.

Pressures: ISIP 572 psi
FSIP 456 psi
IFP 173-217 psi
FFP 217-231 psi
HSH 1468-1446 psi

Remarks: Very bad plugging action on both opens. Slid tool 10' to bottom.

3042-3044

Limestone, gray, oolitic to oocastic, slightly cherty, fair scattered oocastic porosity, poor to fair spotty stain. Weak show of free (gassy) oil and odor in fresh samples.

ORIGINAL

Prospect Oil & Gas Company
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60' S C E/2 SE, Section 5-16S-12W
Barton County, Kansas
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3082-3084

Limestone, white to cream, oolitic to fossiliferous, trace of spotty poor interoolitic to pinpoint porosity, trace of spotty stain, abundant boney white oolitic chert. Show of free oil and slight odor in fresh samples.

DRILL STEM TEST #3 3013-3085

OPEN: I.F. 45"
F.F. 45"

BLOW: Fair, building

Recovery: 300' of gas
30' of heavy mud
60' of very slightly oil and gas cut muddy H₂O
60' of muddy H₂O

Pressures: ISIP 376 psi
FSIP 362 psi
IFP 58-79 psi
FFP 101-123 psi
HSH 1497-1454 psi

3098-3145

Limestone, gray to tan, oocastic, good oocastic porosity, abundant barren porosity, trace of scattered brown stain and saturation. Show of free oil and faint odor in the upper part of this zone.

Conglomerate Section
3288-3290

Sandstone, clear, consolidated, coarse grain, sub-angular to angular, friable, abundant loose, unconsolidated quartz fragments, Good intergranular porosity, good stain and saturation. Fair show of free oil and weak odor in fresh samples.

DRILL STEM TEST #4 3272-3290

OPEN: I.F. 45"
F.F. 45"

BLOW: Weak building to good.

Recovery: 275' of gas.
175' of clean gassy oil.
35' of muddy gassy oil.

Pressures: ISIP 355 psi
FSIP 181 psi
IFP 29-43 psi
FFP 72-87 psi
HSH 1640-1626 psi

Arbuckle Section
3296-3321

Dolomite, white to buff, coarse crystalline, good intercrystalline porosity, spotty light stain. Show of free oil and weak odor in fresh samples.

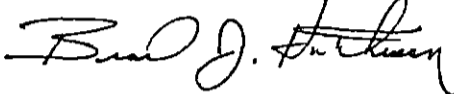
ORIGINAL

Prospect Oil & Gas Company
Butch Miller #1
60' S C E/2 SE, Section 5-16S-12W
Barton County, Kansas
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ROTARY TOTAL DEPTH 3321 (-1478)
ELECTRIC LOG TOTAL DEPTH 3321 (-1478)

Recommendations: It was recommended based on the four (4) negative drill stem tests, and there being no zones worthy of any further testing, that the Butch Miller #1 be plugged and abandoned at a total rotary depth of 3321 (-1478).

Respectfully Submitted,



Brad J. Hutchison

ORIGINAL ALLIED CEMENTING CO., INC.

2604

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	12-13-91	Sec.	5	Twp.	16	Range	12	Called Out	5:00 A.M.	On Location	5:45 A.M.	Job Start	7:00 A.M.	Finish	7:30 A.M.
Lease	Butch Miller	Well No. #	1			Location	Beaver, 3 1/2 N, W into			County	Barton		State	KS.	
Contractor	Emphasis Rig #5														
Type Job	Surface														
Hole Size	12 1/4"			T.D.	437'										
Csg.	8 5/8"			Depth	437'										
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool				Depth											
Cement Left in Csg.	15'			Shoe Joint											
Press Max.				Minimum											
Meas Line				Displace	27 1/2 bbl.										
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 *Prospect Oil & Gas Co.*
 Street *Box 837*
 City *Russell* State *Ks 67665*
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 From Owner

CEMENT

Amount Ordered *225 sks 60/40 3% cc, 2% bel.*

Consisting of			
Common	135	5.25	708.75
Poz. Mix	90	2.25	202.50
Gel.	5	6.75	NIC
Chloride	7	21.00	147.00
Quickset			

RECEIVED
 STATE COMMERCE COMMISSION ~~Sales Tax~~

Handling *225* *13 1992* *1.00* *225.00*
 Mileage *27* *243.00*

Sub-Total
Total 1526.25

Floating Equipment
 Total # *2055.68*
 Disc - *308.36*
 \$ *1747.32*

EQUIPMENT

#	No.	Cementer	
Pumptrk	181		<i>Tim</i>
		Helper	<i>Cary</i>
	No.	Cementer	
Pumptrk		Helper	
	<i>4</i>	Driver	<i>Jacks</i>
Bulktrk	<i>101</i>		
Bulktrk		Driver	

DEPTH of Job		
Reference:	Pumptrk Charge	380.00
	<i>27</i> Pumptrk Mileage	54.00
	<i>1</i> 8 5/8 Wenden Plug	42.00
	<i>137'</i> at <i>39</i>	53.43
	Total	529.43

Remarks: *Cement did circulate.*

Allied Cementing
By Tim Jackson

27, Russell, Kansas
5861, Great Bend, Kansas

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

ORIGINAL

ALLIED CEMENTING CO., INC.

2423

Home Office P. O. Box 31

Russell, Kansas 67665

new

Date	12-18-91	Sec.	5	Twp.	16s	Range	12w	Called Out	2:30pm	On Location	4:30pm	Job Start	4:45pm	Finish	8:30pm
Case	BUTCH Miller Well No. #1		Location				Beaver 3 1/2 N 1/4 W		County		BARTON		State		KANSAS
Contractor	EMPHASIS DRUG RIG # 5														
Type Job	ROTARY Plug														
Tool Size	7 7/8		T.D.		3321'										
Log	8 5/8 SURFACE		Depth		437'										
Log Size															
Drill Pipe	4 1/2 X-H		Depth		3297'										
Tool															
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum		✓										
Leas Line			Displace												
Ref.															

Owner
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 PROSPECT Oil & Gas
Street 387 10th
City Russell State Kan 67665

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X Bill Owen
CEMENT

Amount Ordered 155 SK 6 3/4 6 9/16 Gel

Consisting of			
Common	93	SKs @ 5.25	488.25
Poz. Mix	62	SKs @ 2.25	139.50
Gravel	5	SKs @ 6.25	31.25

Quickset	1992		
		Sales Tax	
Handling	1.00 per SK		155.00
Mileage	4¢ per SK/mile		167.40
27 miles		Sub Total	
			Total 983.90

EQUIPMENT

Emptrk #177	No.	Cementer	John Will
		Helper	
Emptrk	No.	Cementer	
		Helper	
Mulktrk #213		Driver	James
Mulktrk		Driver	

DEPTH of Job		
Reference:	PUMP TRUCK CHRG	380.00
	2.09 per Mile	54.00
	-8 5/8 DRY Hole Plug	20.00
Sub Total		
Tax		
Total		454.00

Remarks:
25 SK @ 3297'
25 SK @ 770'
80 SK @ 480
10 SK @ 40' & W. Plug
15 SK @ RAT Hole

Floating Equipment

[Signature]