

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

Operator: License # 9232

Name: Timberline Oil & Gas Corporation
Address 4447 South Canyon Road
Suite 1

City/State/Zip Rapid City, SD 57702

Purchaser: None - SWD

Operator Contact Person: Brant C. Grote

Phone (605) 341-3400

Contractor: Name: Duke Drilling Company, Inc.

License: 5929

Wellsite Geologist: None

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

10/24/90 10/31/90 11/14/90
Spud Date Date Reached TD Completion Date

API NO. 15- 151-22014-0000 FROM CONFIDENTIAL

County Pratt ✓

SE NE SE Sec. 20 Twp. 26 Rge. 12 East West

1660 " Ft. North from Southeast Corner of Section

100 " Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

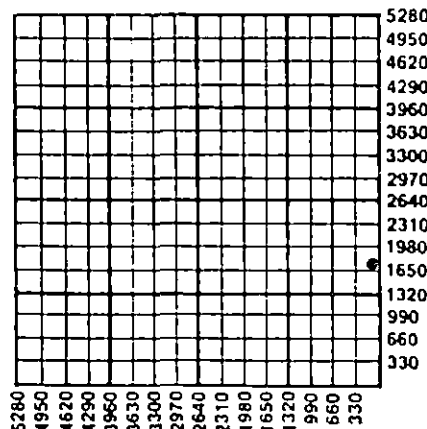
Lease Name Welch ✓ Well # SWD-2

Field Name Iuka Carmi

Producing Formation Disposal in Arbuckle

Elevation: Ground 1908 KB 1915

Total Depth 5201 PBDT 5201



Amount of Surface Pipe Set and Cemented at 250 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: Brant C. Grote

Title President Date 11-15-90

Subscribed and sworn to before me this 15th day of November 19 90.

Notary Public Trudy K. Steiger
TRUDY K. STEIGER

Date Commission Expires 3/30/96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
RECEIVED
STATE CORPORATION COMMISSION
KCC
KGS
Distribution
SWD/Rep _____ NGPA _____
Plug _____ Other _____
(Specify)
NOV 19 1990
11-19-90
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

CONFIDENTIAL

Operator Name Timberline Oil & Gas Corporation East West
 Lease Name Welch Well # SWD-2
 County Pratt
 Sec. 20 Twp. 26 Rge. 12

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 4750 to T.D.
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 Dual Induction Log
 Dual Compensated Porosity Log
 Cement Bond Log

Formation Description
 Log Sample
 Name Top Bottom
 Arbuckle 4354 KB 5201 KB

CASING RECORD <input type="checkbox"/> New <input checked="" 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	10 3/4	32.75	250	60/40 pos	170	2% gel, 3% c
Long string	7 7/8	5 1/2	14	4526	60/40 pos ASC	325 50	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
Open hole	4526-5201'			3000g	15% HCL	4526-5201'	
TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		3 1/2 fiberglass	4542'	None			
Date of First Production	Producing Method	None <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)		Saltwater Disposal Well			
None							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	----	----	----	----	----		

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

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval: SW Disposal @ 4526-5201'

15-151-22014-0000

TELEPHONE: 483-2627
AREA CODE 913

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

RELEASED

CONFIDENTIAL

ORIGINAL

DEC 13 1990

TO: Timberline Oil & Gas Corporation FROM CONFIDENTIAL INVOICE NO. 57797

4447 S. Canyon #1 PURCHASE ORDER NO. _____

Rapid City, S. Dakota 57702 LEASE NAME Welch SWD #2

DATE Oct. 24, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 105 sks @\$5.25	\$ 551.25	
Pozmix 70 sks @\$2.25	157.50	
Gal 4 sks @\$6.75	N/C	
Chloride 5 sks @\$21.00	<u>105.00</u>	\$ 813.75
Handling 175 sks @\$1.00	175.00	
Mileage (42) @\$0.03c per sk per mi	220.50	
Surface	380.00	
Mi @\$2.00 pmp. trk. (12)	24.00	
1 plug	<u>47.00</u>	<u>846.50</u>
	Total	\$ 1,660.25

Cement circ:

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED
STATE CORPORATION COMMISSION

NOV 19 1990

11-19-90

15-151-22014-0000

Phone 93-483-2627, Russell, Kansas

ORIGINAL CONFIDENTIAL

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

REC 1 3 1991

ALLIED CEMENTING CO., INC. N° 9102

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	10-24-90	Sec	20	Twp.	26	Range	12	Called Out	7	On Location	12:45 PM	Job Start	2:00 PM	Finish	2:30 PM
Lease	Duke John Well No. (50)		Location		Fuka #281 SE 1/4 N46S		County		Pratt		State		KS		
Contractor	Duke John #2														
Type Job	Surface casing														
Hole Size	14 3/4		T.D. 252												
Csg. Size	10 3/4		Depth 250												
Tbg. Size															
Drill Pipe															
Tool															
Cement Left in Csg.	15'		Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace 3329 lbs												
Perf.															

EQUIPMENT

GT. Bend No.	Cementer	Phil	
Pumptrk	195	Helper	Sack
No.	Cementer	Phil	
Pumptrk		Helper	
Bulktrk	Driver		
Bulktrk	Driver		
DEPTH of Job	Reference	Pump Trk	380.00
		Pump Trk	24.00
		10 3/4 Plug	47.00
		Sub Total	
		Tax	
		Total	451.00

Remarks: Cement did Circulate

Thank You!
 Allied Cementing Co. Inc.
 By Philip Famijan

Drig 223'

Owner: Same

You are hereby requested to rent cementing equipment (and furnish cement and helper) to assist owner or contractor to do work as listed.

Charge To: Timberline Oil & Gas Corp.

Street: 4447 S Canyon

City: Stamper State: KANSAS

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

Purchase Order No. 1755KS

John Bambuster

CEMENT

Amount Ordered: 1755KS 60/40 2% clay 3% cc

Consisting of:

Common	105	5.25	551.25
Poz. Mix	70	2.25	157.50
Gel	4	6.75	27.00
Chloride	5	21.00	105.00
Quickset			
Sales Tax			
Handling	175	1.00	175.00
Mileage	14.2		220.50
Sub Total			
Total			1209.25

Floating Equipment

TOTAL \$ 1660.25

Disc 332.05

\$ 1328.20

STATE CORPORATION COMMISSION

NOV 10 1990
 11-19-90
 CONFIDENTIAL

15-151-22014-0000

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

ORIGINAL RELEASED

TO: Timberline Oil & Gas Company
4447 S. Canyon Road #1
Rapid City, S. Dakota 57702

DEC 13 1990 INVOICE NO. 57887

PURCHASE ORDER NO. _____
FROM CONFIDENTIAL

LEASE NAME Welch SHD #2

DATE Nov. 1, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 211 sks @\$5.25	\$ 1,107.75	
Pozmix 114 sks @\$2.25	256.50	
Gel 26 sks @\$6.75	175.50	
WFR II 420 gal @\$0.50	210.00	
ASC 50 sks @\$7.25	<u>362.50</u>	\$ 2,112.25
Handling 375 sks @\$1.00	375.00	
Mileage (42) @\$0.03c per sk. per mi	472.50	
Production string	880.00	
Mi @\$2.00 pmp. trk. (12)	24.00	
1 plug	<u>45.00</u>	1,796.50
1-5 1/2" p. shoe 1,275575		
1 B. AFU	189.00	
4 cent.	184.00	
2 basket	<u>254.00</u>	
		<u>1,902.75</u>
	Total	\$ 5,811.50

Float held

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

RECEIVED
STATE CORPORATION COMMISSION

NOV 19 1990

11-19-90

15-151-22814-0000

CONFIDENTIAL

Phone Plainville 913-434-2812

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

DEC 13 1970

ORIGINAL

ALLIED CEMENTING CO., INC. No. 8270

Home Office, P. O. Box 31

Russell, Kansas 67665

New

Date	10-31-90	Sec	20	Twp	210	Range	12	Called Out	5:30 P.M.	On Location	8:00 P.M.	Job Start	10:30 A.M.	Finish	12:30 A.M.
Lease	Welch	Well No.	SUN 2	Location	Duke In SE 1/4 W side	Tract		County		State	KS				

Contractor	Duke Dng 2	Owner	Same
Type Job	Production	Strata	
Hole Size	7 7/8	T.D.	520'
Csg.	5 1/2 14#	Depth	4525
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	31.	Shoe Joint	31.
Press Max	1500#	Minimum	
Meas Line		Displace	109 bbls
Perf.			

To Allied Cementing Co., Inc. included in this contract is the rental of cementing equipment and furnish of cement, and helper, to assist owner or contractor to do work as listed.

CHARGE TO: Timberline Oil & Gas

Street: 4447 S. Conover Road
City: Rapid City S.D. 57702

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

Purchase Order No. 8270

T.H. McNamee

Amount Ordered: 325 16 5/35 50 ASC

EQUIPMENT		
No.	Cement	Helper
Pumptrk #195	Steve Kopper	Jack W.
No.	Cement	Helper
Pumptrk #197	Phil	
Driver		
Bulktrk #179	Yancy	
Driver		
Bulktrk #		

Consisting of	10 bbl WFR II
Common	211 5.25 101407.75
Poz. Mix	1/4 2.25 256.50
Gel	26 6.75 175.50
Chloride	
Quickset	WFR II 420 gals 50 210.00
50 min ASC	7.25 362.50
Sales Tax	
Handling	375 1.00 375.00
Mileage	42 4.72 198.50
Sub Total	5811.50
Total	4649.20
Dis	1162.30
Total	2959.75

DEPTH of Job	4525
Reference	Pump Truck 880.00
	Plug 45.00
	Mileage 24.00
Sub Total	
Tax	
Total	949.00

Floating Equipment	
1-Packer shoe	1275.75
1-Baker Insert	189.00
4-Centralizers	184.00
2-Basket	254.00

Remarks: Float Hold!

Opened Packer shoe @ 1100#

Thank You!

STATE OF KANSAS

NOV 19 1970

11-19-70

1902.75