

ORIGINAL

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SIDE ONE

FROM CONFIDENTIAL

CONFIDENTIAL

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

API NO. 15- 199-20,201-00-00

County Wallace

NW NW SW Sec. 32 Twp. 15S Rge. 41 East West

2310 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Resolute Well # 1-32

Field Name Wildcat

Producing Formation None

Elevation: Ground 3773 KB 3785

Total Depth 5380 PBSD

Operator: License # 9855

Name: Grand Mesa Operating Company

Address 200 E. First Street, Ste 307

City/State/Zip Wichita, Ks 67202

Purchaser:

Operator Contact Person: Ron Sinclair

Phone (316) 265-3000

Contractor: Name: Norseman Drilling, Inc

License: 03779

Wellsite Geologist: Larry Friend

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

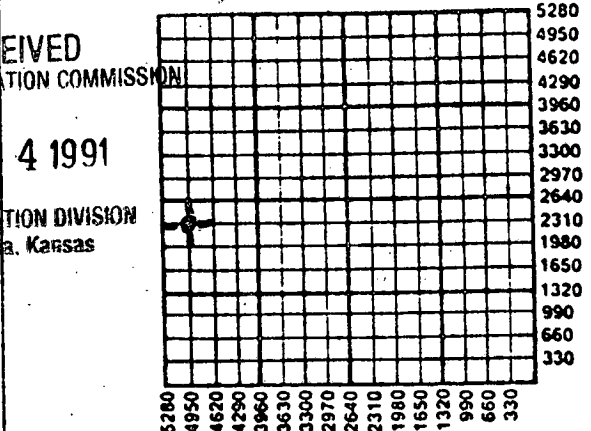
If OAWD: old well info as follows:
Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:
 Mud Rotary Air Rotary Cable

5-23-91 6-2-91
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 355 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: [Handwritten Signature]
Title: President Date: 6/12/91

Subscribed and sworn to before me this 12th day of June
Mary F. Combs
Notary Public
My Commission Expires August 25, 1992



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)

PI

SPR 11 1960

1111

DATE OF PERFORATION

SIDE TWO

Operator Name Grand Mesa Operating Company Lease Name Resolute Well # 1-32

Sec. 32 Twp. 15S Rge. 41 East West County Wallace

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

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

DST #1 4944-5169 (Harrow) 30-69-45-90
1st open strong blow off bottom of bucket
in 15 sec.; 2nd open weak surface blow for
12 min. then died, flushed tool with weak surface
blow for 3 min. then died.
Recovery: 368' watery mud (10% water, 90% mud)
1882' 51% gas & mud cut water (1% gas, 94% water, 5% mud)
No show of oil.
2250' of total fluid. IB - 2484, FB - 2437, IFF - 795-1053,
FFP - 1053-1053, SIP - 1053-1053, CL - 75,000, Pit Sample 3600,
BHT 140 degrees, Sample chamber: 2.8 CVG, 3750 HL mud & water,
(10% water, 90% mud), Pressure 9759, Res. 0.1 @ 71 degrees,

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
T/Stone Corral	2719	
B/Stone Corral	2746	
Neva	3439	
Shavano	3850	
Beebeer	4082	
Toronto	4103	
Lanning	4145	
Washpuckney	4450	
Harston	4540	
Cherokee	4694	
Harrow	4913	
Harrow Ed	4975	
Harrow Ed	5039	
Harrow Ed	5053	
Legas	5067	
St. Cro.	5144	
St. Louis	5159	
Spergen	5228	

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#	355	60/40	235	3% CAL. CL.
					Class A	150	2% Cel. 3% CAL. CL.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot /	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)

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 Conmingled Other (Specify) _____

Production Interval _____

KCC 15-199-20201-00-00

Phone 913-483-2627, Russell, Kansas

RELEASED ORIGINAL

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

JUN 12

Phone Ness City 913-798-3843

1992

CONFIDENTIAL

No. 1454

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

Date <i>6-2-91</i>	Sec. <i>32</i>	fwp. <i>15</i>	Range <i>41</i>	Called Out <i>4:00 PM</i>	On Location <i>8:30 PM</i>	Job Start <i>9:30 PM</i>	Finish <i>5:15 AM</i>
Lease <i>Resolute</i>	Well No. <i>1-32</i>	Location <i>Tribune N to C. 1 8 1/2 W 3/4 N</i>			County <i>Wallace</i>	State <i>Kansas</i>	

Contractor <i>Norseman</i>	Owner <i>Grand Mesa</i>
Type Job <i>Rotary Plug</i>	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.
Hole Size <i>7 1/4</i>	T.D. <i>5381'</i>
Csg.	Depth
Tbg. Size	Depth
Drill Pipe <i>4 1/2 XH</i>	Depth <i>2730'</i>
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Charge To <i>Grand Mesa Operating Co.</i>
Street <i>200 E. First #307</i>
City <i>Wichita</i> State <i>Ks. 67202</i>
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X <i>Calum Ceme</i>
CEMENT

Amount Ordered <i>195 cu 60/40 60% gel 1/4" flo seal per cu</i>
Consisting of
Common <i>117</i> 5.25 614.25
Poz. Mix <i>78</i> 2.25 175.50
Gel. <i>12</i> 6.75 81.00
Chloride
Quickset
<i>Flo Seal 48</i> 1.00 48.00
Handling <i>195</i> 1.00 195.00
Mileage <i>100</i> 7.80 780.00
Total <i>1893.75</i>

EQUIPMENT		
<i>Ness City</i>	No.	Cementer
Pump truck	<i>158</i>	Helper
Pump truck	No.	Cementer <i>Jayson Drilling</i>
		Helper <i>Bob</i>
		Driver <i>Keith</i>
Bulk truck	<i>116</i>	
Bulk truck		Driver

DEPTH of Job <i>2730'</i>		
Reference:		
<i>100</i>	<i>Pump truck charge</i>	<i>475.00</i>
	<i>100</i>	<i>Mileage</i>
	<i>1</i>	<i>8 1/2 dry hole plug</i>
Total		<i>695.00</i>

Remarks:

- 1st 20 ax - 2730'*
- 2nd 100 ax - 1720'*
- 3rd 40 ax - 400'*
- 4th 10 ax - 40'*
- 15 ax in cathole*
- 10 ax in mouse hole*

*By Allied Cementing Co. Inc.
Jayson Drilling
Thank you!*

Total \$ *2588.75*
 Less Disc - *388.32*
 \$ *2200.43*

RECEIVED STATE CORPORATION COMMISSION

JUN 14 1991

CONSERVATION DIVISION