

ORIGINAL

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

API NO. 15- 175-21537-0000
County Seward
NE - SE - SW S 4 T 32 R 33 W

Operator: License # 4247

990 Feet from (S) Line of Section

Name: Dolomite Resources

2310 Feet from (W) Line of Section

Address: 105 S. Broadway
Suite 740

Footages Calculated From Nearest Outside Section Corner:

City/State/Zip Wichita, KS 67202

NE, SE, NW, or (SW) (circle one)

Purchaser:

Lease Name Franz Well # 1-4

Operator Contact Person: Thomas G. Pronold

Field Name ANG

Phone 316-598-8014

Producing Formation Chester + MORROW

Contractor: Name: Murfin Drilling Co Rig #25

Elevation: Ground 2875' KB

License: 30606

Total Depth 5850' PBTD

Wellsite Geologist: Karl Osterbuhr

Amount of Surface Pipe Set and Cemented at 1725 Feet.

Designate Type of Completion

Multiple State Cementing Collar Used? Yes No

- New Well Re-Entry Workover
- Oil SWD SIOW Temp. Abd.
- Gas ENHR SIGW
- Dry Other (Core, WSW, Expl., Cathodic, etc.)

If yes, show depth set _____ Feet

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

If Alternate II completion, cement circulated from _____

Operator: _____

feet depth to _____ w/ _____ sx cmt.

Well Name: _____

Drilling-Fluid Management Plan ALT 1 JK 10-17-97
(Data must be collected from the Reserve Pit)

Comp Date _____ Old Total Depth: _____

Chloride content 5500 ppm Fluid volume 1880 bbls

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

Dewatering method used _____

4/1/96 4/12/96 5/23/96
Spud Date Date Reached TD Completion Date

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec Twp R E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Finney State Office 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

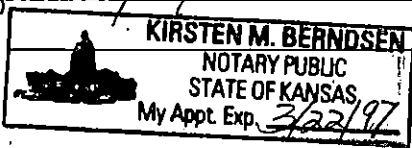
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Thomas G. Pronold

Title President Date: Aug. 13, 1996

Subscribed and sworn to before me this 13th day of Aug 1996
Notary Public Kirsten M. Berndsen

Date Commission Expires _____



K.C.C. OFFICE USE ONLY

RECEIVED STATE CORPORATION COMMISSION

AUG 13 1996

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Dolomite Resources Lease Name Franz Well # 1-4

Sec 4 Twp 32 Rge 33 West County Seward

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs run: Compensated Neutron/Photo Density Log Micro-Resistivity, Array Ind Shallow Focus, Borehole Comp sonic	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Log</th> <th colspan="2">Formation (Top), Depth and Datums</th> <th style="text-align: right;">Sample</th> </tr> <tr> <td></td> <td style="text-align: left;">Name</td> <td style="text-align: left;">Top</td> <td style="text-align: left;">Datum</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Heebner Shale</td> <td>4138</td> <td>-1277</td> </tr> <tr> <td></td> <td>Lansing</td> <td>4269</td> <td>-1408</td> </tr> <tr> <td></td> <td>Lane Sh</td> <td>4531</td> <td>-1670</td> </tr> <tr> <td></td> <td>Stark</td> <td>4710</td> <td>-1849</td> </tr> <tr> <td></td> <td>Hushpuckney</td> <td>4758</td> <td>-1897</td> </tr> <tr> <td></td> <td>Marmaton</td> <td>4896</td> <td>-2035</td> </tr> <tr> <td></td> <td>Excello</td> <td>5080</td> <td>-2219</td> </tr> <tr> <td></td> <td>Morrow</td> <td>5428</td> <td>-2567</td> </tr> <tr> <td></td> <td>Chester</td> <td>5590</td> <td>-2729</td> </tr> <tr> <td></td> <td>Ste. Genevieve</td> <td>5758</td> <td>-2897</td> </tr> </table>	Log	Formation (Top), Depth and Datums		Sample		Name	Top	Datum	<input checked="" type="checkbox"/>	Heebner Shale	4138	-1277		Lansing	4269	-1408		Lane Sh	4531	-1670		Stark	4710	-1849		Hushpuckney	4758	-1897		Marmaton	4896	-2035		Excello	5080	-2219		Morrow	5428	-2567		Chester	5590	-2729		Ste. Genevieve	5758	-2897
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CASING RECORD							
Report all strings set-conductor, surface, intermediate, production, etc.							
<input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
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"	24#	1725	Light Class C	525	3% cc + 1/4# Flo Seal
Production	7-7/8	4-1/2"	10.5	5799	SSI	150	3% cc
						225	2% S1 + .5% D60 +.2% D46 + 1/4# per sx D29

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 (Amount and Kind of Material Used)		Depth
	Specuity Footage of Each Interval Perforated				
4	5724-5731	Fracture	550 gal 7 1/2% NE-FE acid, 1000 gal 12-3 mud acid	750 gal 15% NE-FE acid, 14,720# 16/30 Ottawa sand, 280 bbls gelled water	5724-5731
4 2	5685'-5679', 5675'-5679', 5569'-5573', 5510'-5515' 4912-4928		2915 gal 15% NE-FE acid	2000 gal 15% NE-FE acid	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>5645</u>	Packer at <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>6/1/96</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production per 24 Hours	Oil <u>2</u> Bbls	Gas <u>15</u> Mcf	Water <u>3</u> Bbls	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 5510'-5573'
5675'-5685'

ALLIED CEMENTING CO., INC.

0453

ORIGINAL

SERVICE POINT:

Oakley

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>4/13/96</u>	SEC. <u>4</u>	TWP. <u>72S</u>	RANGE <u>73W</u>	CALLED OUT	ON LOCATION <u>8:45 PM 4/2</u>	JOB START <u>5:00 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>Franz</u>	WELL# <u>1</u>	LOCATION <u>170+83 Set 24 65 24 N/S</u>			COUNTY <u>Seward</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>MURFIN #25</u>	OWNER <u>Sam</u>
TYPE OF JOB <u>CMT 8 3/4 Surface Csg</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>1725</u>
CASING SIZE <u>8 3/4 24"</u>	DEPTH <u>1730</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>950</u>	MINIMUM <u>150</u>
MEAS. LINE	SHOE JOINT <u>17</u>
CEMENT LEFT IN CSG. <u>17</u>	
PERFS.	

AMOUNT ORDERED		
<u>525 sks Light + 370 ccsd² 1/4" Flo-Seal</u>		
<u>150 sks Class C + 370 ccsd²</u>		
COMMON <u>150 sks "C"</u>	@ <u>9⁰⁰</u>	<u>1,350⁰⁰</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>22 sks</u>	@ <u>28⁰⁰</u>	<u>616⁰⁰</u>
<u>Lite 525 sks</u>	@ <u>66⁵</u>	<u>3,491²⁵</u>
<u>Flo-Seal 131#</u>	@ <u>11⁵</u>	<u>150⁶⁵</u>
	@	
	@	
HANDLING <u>675 sks</u>	@ <u>10⁵</u>	<u>708⁷⁵</u>
MILEAGE <u>49 per sk/mile</u>		<u>621⁰⁰</u>

TOTAL 6,937⁶⁵

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Max</u>
# <u>300</u>	HELPER <u>Terry</u>
BULK TRUCK	
# <u>257</u>	DRIVER <u>John</u>
BULK TRUCK	
# <u>219</u>	DRIVER <u>Dean</u>

REMARKS:

Cmt 8 3/4 surface csg with 525 sks Light
1/4" Flo-seal + 150 sks class C + 370 ccsd²
Drop Plug Displace 109 BBL Land
Plug Float Held Cement Did Circulate

SERVICE

DEPTH OF JOB	<u>1730</u>
PUMP TRUCK CHARGE	<u>1,030⁰⁰</u>
EXTRA FOOTAGE	@
MILEAGE <u>23- MI</u>	@ <u>2³⁵</u> <u>54⁰⁵</u>
PLUG <u>8 3/4 Rubber Plug</u>	@ <u>90⁰⁰</u>
	@
	@

TOTAL 1,174⁰⁵

RECEIVED
STATE CORPORATION COMMISSION

AUG 13 1996

CHARGE TO: Hugoton Energy
STREET 301 N. Main #1900
CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Dus Schwartz

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER	DATE	
8772	4-11-96	
STAGE	DS	DISTRICT
1	23	17

DS-496A PRINTED IN U.S.A.

WELL NAME AND NO. FRATZ 1-4	LOCATION (LEGAL) SEC, 4-32S-334	RIG NAME: MURKIN 25
FIELD-POOL HUGTON	FORMATION	WELL DATA:
COUNTY/PARISH SEWARD	STATE KS.	API. NO.
NAME HUGTON ENERGY	BOTTOM	
AND	TOP	
ADDRESS	BIT SIZE	CSG/Liner Size
ZIP CODE	TOTAL DEPTH	WEIGHT
	ROT CABLE	FOOTAGE
	MUD TYPE	GRADE
	BHST	THREAD
	BHCT	LESS FOOTAGE
	MUD DENSITY	SHOE JOINT(S)
	MUD VISC.	Disp. Capacity
	NOTE: Include Footage From Ground Level To Head In Disp. Capacity	
	Float	TYPE
	DEPTH	DEPTH
	SHOE	TYPE
	DEPTH	DEPTH

SPECIAL INSTRUCTIONS
 Drilling into 4 1/2" IS report
 custom order

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Head & Plugs <input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB
LIFT PRESSURE 3830 PSI	Double <input type="checkbox"/> WEIGHT	TOOL TYPE
PRESSURE LIMIT 2000 PSI	Single <input type="checkbox"/> GRADE	DEPTH
ROTATE RPM RECIPROCATE FT No. of Centralizers 8+2	Swage <input type="checkbox"/> THREAD	TAIL PIPE: SIZE DEPTH
	Knockoff <input type="checkbox"/> NEW <input type="checkbox"/> USED	TUBING VOLUME Bbls
	TOP OR OW DEPTH	CASING VOL. BELOW TOOL Bbls
	BOT OR OW DEPTH	TOTAL Bbls
		ANNUAL VOLUME Bbls

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400					INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
0240	2000		X			H2O 8.3		PRE-JOB SAFETY MEETING			
0242	330	16	T	5.5		11 11		PST TEST			
0245	760	56	16	5.5		CMT 14.8		START WASH			
0255			72					START CM			
0258	100	92.8	T	6.5		H2O 8.3		SHUT DOWN WASH TO PIT			
0305	810		45	6		11 11		NIPER PLUG SET DSP			
0306	30		50	3.5		11 11		LOWER 2470 Plug THRU Port COLLAR			
0310	520		70	6		11 11		INCREASE RATE			
0312	800		84	6		11 11		PST CHECK			
0313	690		86	3		11 11		Lower Rate			
0315	800		91	2.7		11 11		PST CHECK			
0315	1620		92.8			11 11		Bump Plug			
0317								BLOODLINE CHECK FLOOT			

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED		
			55% + 2%	14%	0.5%	0-60 + 0.2%	BBLs	DENSITY	
1.	725	1.54	55%	2%	14%	0.5%	0-60 + 0.2%	56	14.8
2.									
3.									
4.								7	Water
5.									EMULSION
6.									

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	MAX. 1620 MIN. 30
BREAKDOWN	PSI	FINAL	PSI
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE
			DS SUPERVISOR

Joe Blouhner Rex Pearson