

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

Operator: License # 21023

Name: Castelli Exploration, Inc.

Address 9500 Westgate Dr. #101

City/State/Zip Oklahoma City, OK 73162

Purchaser: Kansas Gas Supply

Operator Contact Person: Thomas P. Castelli

Phone (405) 722-5511

Contractor: Name: Discovery Drilling, Inc.

License: 31548

Wellsite Geologist: Thomas P. Castelli

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

5/12/97 5/18/97 7/18/97
Spud Date Date Reached TD Completion Date

API NO. 15- 047-21422-0000

County Edwards County, KS

NE - NW - SW - 1 Sec. 25 Twp. 16 Rge. X W

2310 Feet from S/W (circle one) Line of Section

990 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 Emma Smith #2 Well # 2

Field Name Wil

Producing Formation Lansing

Elevation: Ground 2061' KB 2069'

Total Depth 4290' PBDT 3500'

Amount of Surface Pipe Set and Cemented at 239.34 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 Att. 1-9-4-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 1500 bbls

Dewatering method used Haul Free Fluids

Location of fluid disposal if hauled offsite:
12-31-97

Operator Name Gee Oil Company

Lease Name Hyter SWD License No. 03546

NE Quarter Sec. 12 Twp. 24 S Rng. 15 E/W

County Edwards Docket No. D-10913

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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.

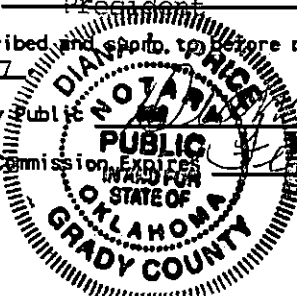
Signature Thomas P. Castelli

Title President Date 11/20/97

Subscribed and sworn to before me this 20 day of November 19 97

Notary Public L. P. Pace

Date Commission Expires February 10, 2001



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 Castelli Exploration, Inc. Lease Name Emma Smith Well # 2

Sec. 1 Twp. 25 Rge. 16 East West
 County Edwards

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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<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	Lansing	3802	-1733'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Miss	4199	-2130'
List All E.Logs Run:	Dual Induction Compensated Density Neutron			

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 Pipe	12-1/4	8-5/8"	23	239.34	60/40 Poz	185	2% Gel & 3% CC
Production	7-7/8"	5-1/2"	14	4298'	EA-2	60	
					Midcon-2	60	

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				

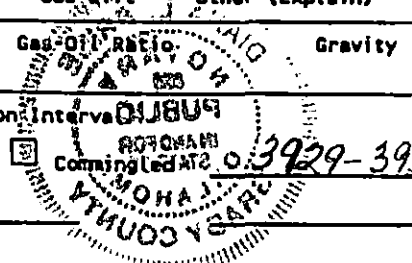
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3929-3938'	500 GA 15% FE	

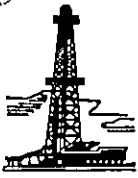
TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>4218'</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
<u>8/5/97</u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>43</u>	Water Bbls. <u>50</u>	Gas-Oil Ratio <u>0.3929-3938'</u>

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Other (Specify) _____

Production Interval: 3929-3938'





**Discovery
Drilling**

ORIGINAL

P.O. Box 763 • Hays, KS 67601 • OFFICE (913) 623-2920 • CELLULAR (913) 635-1511

DRILLER'S LOG 15-047-21422

Operator: **CASTELLI EXPLORATION, INC.** Contractor: **DISCOVERY DRILLING, INC.**
 9500 Westgate Drive, Suite 101 P.O. Box 763
 Oklahoma City, OK 73162 Hays, KS 67601

Lease: Emma Smith #2 Location: NE/NW/SW
 Sec. 1/25S/16W
 Edwards Co., KS

Loggers Total Depth: 4289'
 Rotary Total Depth: 4290'
 Commenced: 05/12/97 Elevation: 2061 Gr/2069 KB
 Completed: 05/18/97
 Casing: 8 5/8" @ 251.34' w/185sks Status: Gas Well
 5 1/2" @ 4288' w/120sks

DEPTHS & FORMATIONS
 (All measurements from K.B.)

Surface, Sand & Shale	0'	Shales	1062'
Dakota Sand	490'	Shales & Lime	1929'
Shales	672'	Shales	2302'
Cedar Hill Sand	792'	Shales & Lime	3197'
Red Bed Shale	951'	Lime & Shales	4001'
Anhydrite	1049'	RTD	4290'
Base Anhydrite	1062'		

RECEIVED - 1 A 12 19
 15-047-21422

STATE OF KANSAS)
) ss
 COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling, Inc. states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

Thomas H. Alm

 Thomas H. Alm

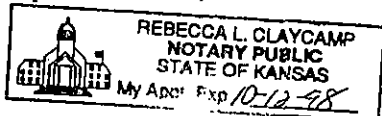
Subscribed and sworn to before me on 5-21-97.

My Commission Expires: 10-12-98.

(Place stamp or seal above.)

Rebecca L. Claycamp

 Notary Public



ALLIED CEMENTING CO., INC. 7092

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

SERVICE POINT: M.B.

ORIGINAL 15-047-21422

DATE <u>5-12-97</u>	SEC. <u>1</u>	TWP. <u>25</u>	RANGE <u>16</u>	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>12:30 PM</u>	JOB START <u>2:30 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>Emmit A Smith</u>		WELL # <u>2</u>		LOCATION <u>MacKsville w-d. Coline</u>		COUNTY <u>Edwards</u>	STATE <u>K.S.</u>

~~OLD~~ OR NEW (Circle one) 45 1/2 W N 15

CONTRACTOR Discovery Drilling Rig #1

TYPE OF JOB Surface pipe job

HOLE SIZE 8 1/2" T.D. 255 ft

CASING SIZE old pipe 8 1/2" DEPTH 251 ft

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 100' MINIMUM _____

MEAS. LINE 236' SHOE JOINT _____

CEMENT LEFT IN CSG. 15 ft

PERFS. Displacement 15' 1 1/2"

OWNER Same

CEMENT

AMOUNT ORDERED	<u>185 6 1/4 32cc 27 gal</u>
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COMMON	<u>111</u>	@	<u>6.10</u>	<u>677.10</u>
POZMIX	<u>74</u>	@	<u>3.15</u>	<u>233.10</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	@	<u>28.00</u>	<u>168.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>185</u>	@	<u>1.05</u>	<u>194.25</u>
MILEAGE	<u>48</u>	@	_____	<u>355.20</u>
TOTAL				<u>\$11656.15</u>

EQUIPMENT

PUMP TRUCK # <u>120</u>	CEMENTER <u>Mike M.</u>
BULK TRUCK # <u>342</u>	HELPER <u>Duane S.</u>
BULK TRUCK # _____	DRIVER <u>Kevin R.</u>
BULK TRUCK # _____	DRIVER _____

REMARKS:

SERVICE

Circulate the hole with Rig mud pump mix cement + Release the plug

Displace plug Down with water

Cement also circulate to surface

DEPTH OF JOB	<u>251 ft</u>	
PUMP TRUCK CHARGE	<u>445.00</u>	
EXTRA FOOTAGE	_____ @ _____	
MILEAGE	<u>48</u> @ <u>2.85</u> <u>136.80</u>	
PLUG <u>1-8 1/2" wooden plug</u>	@ <u>45.00</u> <u>45.00</u>	
_____	@ _____	
_____	@ _____	
TOTAL		<u>\$626.80</u>

CHARGE TO: Castell; Exch Inc

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
TOTAL _____		

Thank you
Allied Cementing Co Inc
Mike + Duane + Kevin

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.

TAX -0-

TOTAL CHARGE \$2282.95

DISCOUNT \$342.45 IF PAID IN 30 DAYS

Net \$1940.50

SIGNATURE [Signature] DAVE DREILING



JOB LOG 4239-5

TICKET # 197177	TICKET DATE 5-18-97
BDA / STATE KS	COUNTY Edwards
PSL DEPARTMENT CMT	CUSTOMER REP / PHONE Tom Larson
API / UWI # 15047214220000	JOB PURPOSE CODE 035

REGION North America	NWA/COUNTRY M.D. Coast
MBU ID / EMP # KAO102 86101	EMPLOYEE NAME Allen F. Werth
LOCATION HAYS KS 25525	COMPANY CASTELLI Explor.
TICKET AMOUNT 5884.58	WELL TYPE 01
WELL LOCATION South Belore	DEPARTMENT CMT
LEASE / WELL # Smith Emma #2	SEC / TWP / RNG 1-25-16

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
Allen F. Werth 86101			
Craig Dodson 11639			
Dusty Fulk 20763			

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
1	1200							Called out
	1738							ON location with equip + cmt 60 SKs MID COAST w/ 7# G.I./SK. 60 SKs EA-2 w/ 5% cal seal, 18% SALT 7# GILSONITE/SK. .6% H-322, .25% D-AIR 3.9AL CLAFIX II for Pre Flush 500 gal mud flush. Customer HAS OWN F.E.# Start Csg. 5 1/2 Csg. 14# PIPE Csg on Bottom 4290
	1815							HOOK UP + CIA w/ mud Hoq. CIA 1 hr.
	2030							Start Pump 2.5 BBLs CLAFIX 2 water
	2040							Start Pump 12 BBLs mud flush
	2152		27				200'	Start Pump 5 BBLs CLAFIX II water
			12				200'	Mix cmt to Plug RAT hole + must Hole 20SK
			5				200'	Mix 40SKs MID COAST w/ 7# G.I./SKs
							200'	Mix 60SKs EA-2
			36				0'	FIN mix cmt Washout Pump + Line Release S-wiper Plug. Start Disp. PST starts climbing.
	223						800'	Plug Lands Release Float does not hold. PST BACK ON FLOAT. Shut in @ well Wash up equip. Pack up equip.
	2330							Job complete.

THANKS Allen, Craig, Dusty