

CONFIDENTIAL

ORIGINAL

12-13-91

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

API NO. 15- -065-22,584-00-00 12-13-91
County Graham

NW SW SE Sec. 1 Twp. FROM Rge. 23 East West

990 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

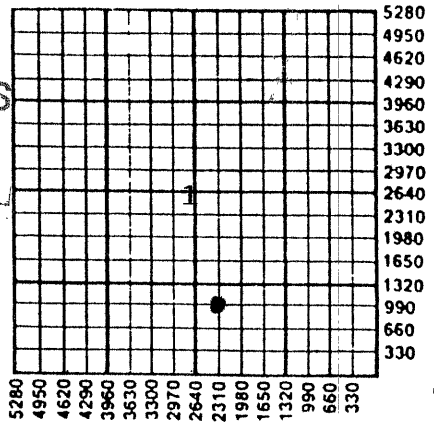
Lease Name Donald D. Smith Well # 2

Field Name Kemper Ext.

Producing Formation Lansing

Elevation: Ground 2329' KB 2334'

Total Depth 3790' PBDT n/a



Amount of Surface Pipe Set and Cemented at 250' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1971' Feet

If Alternate II completion, cement circulated from 1971'
feet depth to surface w/ 525 sx cmt.

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: Koch Oil Co.

Operator Contact Person: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co.

License: 6033

Wellsite Geologist: Jeff Christian

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

8/27/90 9/03/90 10/01/90
Spud Date Date Reached TD Completion Date

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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 [Signature]
Title President Date 11/07/90

Subscribed and sworn to before me this 7th day of November, 19 90.

Notary Public Linda K. Rice
LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
Date Commission Expires My April 07, 92

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)

NOV 13 1990

CONSERVATION DIVISION Form ACO-1 (7-89)
Wichita, Kansas

11-13-90

P1

ORIGINAL

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Donald D. Smith

Well # 2

Sec. 1 Twp. 6S Rge. 23W

East
 West

County Graham

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.)

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Formation Description		
Name	Top Bottom	
		<input checked="" type="checkbox"/> Log
Anhydrite		1976' (+ 358)
B/Anhydrite		2008' (+ 326)
Topeka		3317' (- 983)
Heebner		3511' (-1177)
Toronto		3538' (-1204)
Lansing		3553' (-1219)
B/KC		3743' (-1409)
LTD		3785' (-1451)

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"	28#	250'	60/40 poz	180	2% gel, 3% CC
production	7-7/8"	4 1/2"	9.5#	3789'	60/40 poz	140	10% salt + 3% gilsonite

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4 shots	3701'-04' (L/KC 180' zone).	750 gal. of 28% NE acid	3701-04'

TUBING RECORD

Size 2-3/8" Set At 2' off bottom Packer At

Liner Run Yes No

Date of First Production 10/01/90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 4 Bbls. Gas trace of water Mcf Water trace of water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____ 3701'-04'

P. O. BOX 31
RUSSELL, KANSAS 67665
AUG 9 0

100, 1967

ORIGINAL

DEC 13 1991

TO: Ritchie Exploration Inc.

INVOICE NO. 57252

125 N. Market #1000

FROM CONFIDENTIAL

PURCHASE ORDER NO. _____

Wichita, Kansas 67202

W-8016002

LEASE NAME Donald Smith #2

DATE Aug. 27, 1990

SERVICE AND MATERIALS AS FOLLOWS:

Common 111 sks @\$5.00	\$ 555.00	
Pozmix 74 sks @\$2.25	166.50	
Chloride 5 sks @\$20.00	<u>100.00</u>	\$ 821.50
Handling 185 sks @\$0.90	166.50	
Mileage (50) @\$0.03¢ per sk per mi	277.50	
Surface	360.00	
Mi @\$1.00 pmp. trk.	50.00	
1 plug	<u>71.00</u>	<u>925.00</u>
	Total	\$ 1,746.50

Cement circ.

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THANK YOU

600.0270 = 1746.50
3820/76 = 349.30

MAINT
AUG 31 1990

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

RECEIVED
STATE CORPORATION COMMISSION

NOV 13 1990

CONSERVATION DIVISION
Wichita, Kansas

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

RELEASED

ORIGINAL

SEP 9 0 1 0 0 2 0 4 9

FROM CONFIDENTIAL
INVOICE NO. 57313

TO: Ritchie Exploration Inc.

1705 Anthony Drive
Att: John Nieinberger
Hays, Kansas 67601

W. 80160002

PURCHASE ORDER NO. ICW

LEASE NAME Donald Smith #2

DATE Sept. 3, 1990

PLEASE KEEP THIS

SERVICE AND MATERIALS AS FOLLOWS:

Common 275 sks @\$5.00	\$ 1,375.00	
Pozmix 275 sks @\$2.25	618.75	
Gel 19 sks @\$6.75	128.25	\$ 2,122.00
Handling 550 sks @\$0.90	495.00	
Mileage (50) @\$0.03c per sk per mi	825.00	
Two stage top	450.00	1,770.00
Total		\$ 3,892.00

Cement circ.

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

6000.0870 = 3892.00
3892.00 / 70 = 55.60

Cement production (C39), # 2 stage 2

SEP 14 1990

THANK YOU

- CEMENT TOP SMY EOF PRODUCTION C39

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

DEPTH of Job	Reference: #3	Handing e90 #/sk. (550 sks)	495.00
	#14	Mileage e03 #/sk./mi. (50 mi.)	825.00
		Sub Total	3442.00
		Total	
		Floating Equipment	
Remarks:	D.V. tool opened & closed O.K. and held. Plugged rat hole w/15 sks. Plugged mouse hole w/10 sks. Cement Circulated.		

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NOV 13 1990

CONSERVATION DIVISION
Wichita, Kansas

RELEASED

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

FROM CONFIDENTIAL SEP 90 100 2049

TO: Ritchie Exploration Inc.
Att: John Nienberger
1705 Anthony Drive

INVOICE NO. 57314

PURCHASE ORDER NO. _____

Hays, Kansas 67601 PLEASE KEEP THIS INFORMATION CONFIDENTIAL

LEASE NAME Donald Smith #2

DATE Sept. 3, 1990

SERVICE AND MATERIALS AS FOLLOWS:

(cement pvt casing, # 21 pbs) $6200 \cdot 0270 = 2096.77$
Port coker + nuc pnts $6500 \cdot 0800 = 2995.00$
 $3820/70 = 1018.35$

Common 84 sks @\$5.00	\$ 420.00
Pozmix 56 sks @\$2.25	126.00
Salt 14 sks @\$4.75	66.50
Gilsonite 363# @\$0.29	105.27
WFR II 500 gal @\$0.21	105.00
Handling 140 sks @\$0.90	126.00
Mileage (50) @\$0.03c per sk per mi	210.00
Two stage bottom	838.00
Mi @\$2.00 pmp. trk.	100.00
1-Two stage collar Arrow	2,267.00
1 G. shoe	213.00
1 AFU	161.00
1 basket	108.00
6 cent.	246.00

\$ 822.77

1,274.00

2,995.00

\$ 5,091.77

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

Float held

THANK YOU

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

CEMENT IS IN SHORTAGE OF PRODUCTION ONLY

DEPTH of Job	Handling 290 #/sk. (140 sks)	126.00
Reference: #3 Pump truck-bottom stage	Mileage 203 #/sk./mi. (50 mi)	210.00
#14 mileage 2.00/mi.	Sub Total	1158.77
	Total	
Sub Total	Floating Equipment 4 1/2"	
Tax	1- two-stage collar (Arrow) -	2267.00
Total	1- sure jet guide shoe -	213.00
Remarks: Float Held	1- insert (Model "C") -	161.00
	1- cementing basket -	108.00
	6- centralizers 41.00 ea -	246.00
		2995.00

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STATE CORPORATION COMMISSION

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REGISTRATION DIVISION

Thanks