

FORM MUST BE TYPED

SIDE ONE

ORIGINAL ATTACH LOGS RECEIVED

AUG 15 2001 8-15-01 KCC WICHITA

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

API NO. 15- 119-21051-0000

County Meade

W/2. SE SW Sec. 15 Twp. 35S Rgs. 30 X

330 Feet from S (circle one) Line of Section

1650 Feet from R (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)

Lease Name Adams Ranch Well # 5-15

Field Name WC

Producing Formation Totonto

Elevation: Ground 2378' KB 11'

Total Depth 4,500' PBTD

Amount of Surface Pipe Set and Cemented at 1525 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cat.

Drilling Fluid Management Plan Act 1 11/6/01 JB (Data must be collected from the Reserve Pit)

Chloride content 7000 ppm Fluid volume 240 bbls

Dewatering method used evaporation, haul free wtr

Location of fluid disposal if hauled offsite:

Operator Name Nichols Water Service Inc

Lease Name Nichols No 2 SWD License No. 446682

Quarter Sec. 30 Twp. 4N S Rng. 24 E/W

County Beaver Co Okla Docket No.

Operator: License # 32426

Name: H & L Operating Co., L.L.P.

Address P. O. Box 7506

City/State/Zip Amarillo, TX 79114

Purchaser: Diamond Shamrock Ultramar

Operator Contact Person: Ronald P. Moon

Phone (806) 353-4331

Contractor: Name: H-40 Drilling, Inc.

License: 30692

Wellsite Geologist: Paul F. Godowic

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

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

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

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

06/15/01 06/23/01 06/24/01 Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby 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 [Signature]

Title Partner Date 8/14/01

Subscribed and sworn to before me this 14th day of August. VIRGINIA N. GILL NOTARY PUBLIC, STATE OF TEXAS My Commission Expires 12-7-2002 Date Commission Expires 2002

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)

SIDE TWO

Operator Name H & L Operating Co., L.L.P.

Lease Name Adams Ranch

Well # 5-15

Sec. 15 Twp. 35S Rge. 30

East
 West

County Meade

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.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Sand & Red Bed		700'
Red Bed		2685'
Council Grove		3140'
Shale		3345'
Dolomite (Shale)		4500'
Rotary Total Depth		4500'

DIL, N-D, ML, GR

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
conductor	30"	20"	78.6	85'	10 sk grout	8 yds	2%cc
surface	12-1/4"	8-5/8"	24	1525'	65:35:6 Class "A"	625 sx 250 sx	3%cc 1/4# PSES 3%cc 2%gel
production	7-7/8"	5-1/2"	15.5	4506'	Halb Prem	225 sx	10# PS GILSO .6% Halad-9 .13% PSPEFLAKE

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	4260' - 4264'	500 gal 15% Fe Acid	

TUBING RECORD

Size 2-7/8" Set At 4315' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 8/4/01 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		28		10		0	357	49

Disposition of Gas:

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled 4260'-4264'

Other (Specify) _____

SALES ORDER

WF

ORIGINAL



Halliburton Energy Services, Inc.

Sales Order Number: 1364621

Sales Order Date: June 23, 2001

SOLD TO:
 H & L OPERATING CO L L P
 PO BOX 7506
 AMARILLO TX 79114-7506
 USA

Ticket Type: Services
Well/Rig Name: H & L ADAMS RANCH 5-15, MEADE
Company Code: 1100
Customer P.O. No.: N/A
Shipping Point: Liberal, KS, USA
Sales Office: Mid-Continent BD *RM*
Well Type: Oil
Well Category: Development
Service Location: 0037
Payment Terms: Net due in 20 days

SHIP TO:
 H & L ADAMS RANCH 5-15, MEADE
 ADAMS RANCH
 MEADE KS 67864
 USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING - BOM JP035	1	JOB					
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" 000-117 Number of Units	60	MI		4.41	264.60	71.44-	193.16
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	60	MI		2.60	156.00	42.12-	113.88
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1	EA		2,627.00	2,627.00	709.29-	1,917.71
132	PORTABLE DAS,/DAY/JOB,ZI 045-050 NUMBER OF DAYS	1	JOB		916.00	916.00	247.32-	668.68
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI 000-150	1	JOB		66.24	66.24		66.24

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Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100003142	PLUG,CMTG, TOP AL, 5 1/2 13-23# & 5 3/4 402.1505 / PLUG - CMTG - TOP ALUM - 5-1/2 13-23# / & 5-3/4 19.5-22.5#	1	EA		115.00	115.00	31.05-	83.95
100004723	SHOE - GUIDE - 5-1/2 8RD 12A825.205 / SHOE - GUIDE - 5-1/2 8RD	1	EA		190.00	190.00	51.30-	138.70
100076173	FLOAT-IFV, 5 1/2, 8RD, LG, 8RD & BUTRS 24A - 815.19701 / FLOAT-IFV - 5-1/2 8RD, LG 8RD & / BUTTRESS - 14-23#/FT - FLAPPER VALVE	1	EA		225.00	225.00	60.75-	164.25
100013930	FILUP ASSY, 1.250 ID, 4 1/2, 5 IN INSR 27815.19113 / FILLUP ASSY - 1.250 ID - 4 1/2 - / 5 IN. INSERT FLOAT VALVE	1	EA		45.00	45.00	12.15-	32.85
100004492	CENTRALIZER ASSY - TURBO - API 40 806.60122 / CENTRALIZER ASSY - TURBO - API - / 5-1/2 CSG X 7-7/8 HOLE - HINGED - / W/WELDED IMPERIAL BOWS AND FLUID / DEFLECTOR FINS	25	EA		85.05	2,126.25	574.09-	1,552.16
100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1	EA		18.43	18.43	4.98-	13.45
14241	SBM Halliburton Light Premium Plus 504-120	225	SK		15.93	3,584.25	967.75-	2,616.50
100003700	Chem- Gilsonte (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	2,250	LB		0.69	1,552.50	419.18-	1,133.32
100001617	Chemical - Halad-9 (50 lb) 70.15556 / CHEMICAL - HALAD-9 - 50# SACK	117	LB		12.50	1,462.50	394.88-	1,067.62

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Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
101216940	Chemical - Poly-E-Flake (25# bag) NO PART NUMBER PRIOR TO SAP	28	LB		2.71	75.88	20.49-	55.39
3965	HANDLE&DUMP SVC CHR.G, CMT&ADDITIVES,ZI 500-207 NUMBER OF EACH	287	CF		2.47	708.89	191.40-	517.49
		1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	695	MI		1.51	1,049.45	283.35-	766.10
		1.00	ton					
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT), ZI 001-018 / CSG PUMPING,ADD HR,ZI HOURS	1	EA		453.00	906.00	244.62-	661.38
		2	hr					
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT), ZI 001-018 / CSG PUMPING,ADD HR,ZI HOURS	1	EA					
		2	hr					
SALES ORDER AMOUNT						16,088.99	4,326.16-	11,762.83
Sales Tax - State								431.38
Sales Tax - County								26.46
Sales Tax - City/Loc								88.02
SALES ORDER TOTAL								12,308.69 US Dollars

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AUG 15 2001
KCO WICHITA

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X _____
Customer Signature: X _____



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Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
101216940	Chemical - Poly-E-Flake (25# bag) NO PART NUMBER PRIOR TO SAP	29	LB		2.71	78.59	21.22-	57.37
3965	HANDLE&DUMP SVC CHR.G. CMT&ADDITIVES,ZI 500-207 NUMBER OF EACH	287	CF		2.47	708.89	191.40-	517.49
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	695	MI		1.51	1,049.45	283.35-	766.10
	SALES ORDER AMOUNT					14,522.85	3,903.29-	10,619.56
	Sales Tax - State							375.35
	Sales Tax - County							14.92
	Sales Tax - City/Loc							76.58
	SALES ORDER TOTAL							11,086.41
16092	add hrs	4	hrs		453.00	1812.00	453.00	1359.00
								12922.54

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INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X
Customer Signature: X

ORIGINAL

Federal Tax RECEIVED

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

JUN 20 2001

SERVICE POINT: Mesa Lodge

DATE <u>6-17-01</u>	SEC. <u>15</u>	TWP. <u>35</u>	RANGE <u>30 W</u>	CALLED OUT <u>4:00 A.M.</u>	ON LOCATION <u>10:15 A.M.</u>	JOB START <u>12:00</u>	JOB FINISH <u>4:30</u>
LEASE <u>Adams</u>	WELL # <u>5-15</u>	LOCATION			COUNTY <u>MEADE</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR H-40 Delg #1
 TYPE OF JOB Surface
 HOLE SIZE 12-4 T.D. 1537
 CASING SIZE 8 5/8 X 24" DEPTH 1528
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 44.86
 CEMENT LEFT IN CSG. 45
 PERFS. _____
 DISPLACEMENT 94.38 bbls

OWNER H&L operating
 CEMENT
 AMOUNT ORDERED 625 sks 65:35:6+3% l.c.
1/4" # Flo-Joint - 1411 - 150 sks A + 3% l.c. + 2% G
100 sks A + 3% + 2%

COMMON 950 sks A @ _____
 POZMIX 625 lts @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT
 PUMP TRUCK CEMENTER LARRY Storm
 # 356-302 HELPER DAVID West
 BULK TRUCK
 # 353-251 DRIVER Dwayne West
 BULK TRUCK
 # 313-290 DRIVER JASON T.

RECEIVED
 1 AUG 15 2001
 KCC WICHITA SERVICE

REMARKS:
Above Bottom Break Circulation Rotary
Mud. Switched over mixed 625 sks l.c.
TABLED 150 sks A + 3 + 2. Displaced plug with
94 bbls Freshwater. Final 1411 300' Pump
plug to 1000' - Released float did hold
did not circulate. Ran 100 ft 1"
Used 100 sks A + 3 + 2 to circulate
Cement to surface

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 PLUG _____ @ _____
 _____ @ _____
 _____ @ _____

CHARGE TO: H-40 Delg Co.
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT
1- 8 5/8" Guide Shoe @ _____
1- AFU Insert @ _____
1- Basket @ _____
5- Casing @ _____
 _____ @ _____

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.

TOTAL _____
 TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

John JACKSON
 PRINTED NAME