

ORIGINAL

SIDE ONE

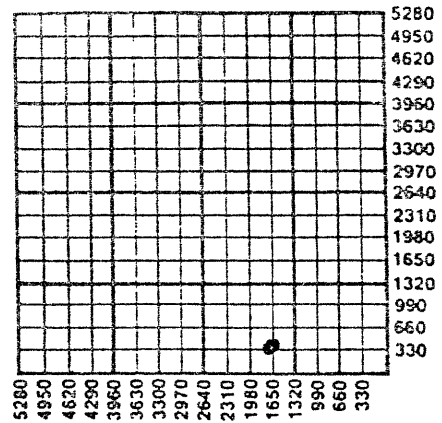
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 13- 153-20,747 ⁰⁰⁻⁰⁰
County Rawlins

SE SW SE Sec. 26 Twp. 1S Rge. 35W East
330 Ft. North from Southeast Corner of Section
1650 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Skolout "B" Well # 1
Field Name St. Johns Cemetary

Producing Formation Lansing KC
Elevation: Ground 3205' KB 3210'
Total Depth 4380 PBDT 4328'



Amount of Surface Pipe Set and Cemented at 314 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.

Operator: License # 6499
Name: Abraxas Petroleum Corporation
Address P.O. Box 17485
City/State/Zip San Antonio, TX 78217
Purchaser: Koch Oil Company
Operator Contact Person: J. Scott Campbell
Phone (512.) 828-5354

Contractor: Name: Murfin Drilling Company
License: 6033
Wellsite Geologist: Robt. L.G. Watson

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
01-30-90 02-05-90 02-05-90
Spud Date Date Reached TD Completion Date

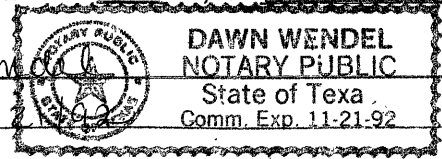
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MAY 17 1990
5-17-90
CONSERVATION DIVISION
Wichita, Kansas

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 Deore Bailey
Title Production Secretary Date 05-15-90

Subscribed and sworn to before me this 15 day of May, 19 90.
Notary Public Dawn Welndel
Date Commission Expires 11-21-92



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)

PI 2

SIDE TWO

Operator Name Abraxas Petroleum Corporation Lease Name Skolout "B" Well # 1
 Sec. 26 Twp. 1S Rge. 35W East County Rawlins
 West

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.)

Formation Description		
Name	Top	Bottom
Stone Corral	3051	Lansing B 4172
Base Stone Corral	3087	Lansing C 4222
Topeka	3904	Lansing D 4270
Deer Creek	3950	Lansing E 4312
Oread	4018	Lansing F 4351
Heebner	4057	
Douglas Sand	4080	
Lansing KC	4121	

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# (new)	314	60/40 Poz	200	2% gel, 3% cc
Production	7-7/8"	4 1/2"	9.5&10.5 (used)	4377	HDL	150	18% NaCl &
					CA2	420	.4% Halad 322
							w/500 gals 10%

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth acid
2	4313-18' 10 holes	250 gals 15% NE acid	4313-18
2	4274-77' 6 holes	2000 gals gellpad, 4000 gals SGA acid	4313-18&
2	4222-27' 10 holes	250 gals 15% NE acid, 1250 gal gel pad & 2500 gals gel	4274-77'
2	4173-80' 14 holes	20% SGA acid	4222-27'
		350 gals 15% NE acid	4173-80'

TUBING RECORD Size 2-3/8" Set At 4317 Packer At None Liner Run Yes No

Date of First Production: 5/7/90 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours: Oil 130 Bbls. Gas TSTM Mcf Water 20 Bbls. Gas-Oil Ratio NA Gravity 30.8 API

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____ Production Interval same as perf interval

15-193-20747-0200



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

HALLIBURTON SERVICES

INVOICE

A Halliburton Company

INVOICE NO.	DATE
802670	01/30/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SKOLOUT B-1		RAWLINS		KS	ABRAXAS PETROLEUM
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
OBERLIN	MURFIN DR.LG. #3	CEMENT SURFACE CASING		01/30/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO
003650	JIM DICKINSON			COMPANY TRUCK	89667

DIRECT CORRESPONDENCE TO:

ABRAXAS PETROLEUM CORP
P O BOX 17485
SAN ANTONIO, TX 78217

SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	40	MI	2.20	88.00
		1	UNT		
	CEMENTING CASING	314	FT	400.60	400.60
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	59.00	59.00
		1	EA		
40	CENTRALIZER 8-5/8" MODEL S-4	4	EA	53.00	212.00
807.93059					
16A	CASING SHOE - 8 5/8" 8RD THD.	1	EA	161.00	161.00
830.2171					
504-308	STANDARD CEMENT	120	SK	6.75	810.00
506-105	POZMIX A	80	SK	3.50	280.00
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	26.25	157.50
500-207	BULK SERVICE CHARGE	212	CFT	.95	201.40
500-306	MILEAGE CMTG MAT DEL OR RETURN	360.4	TMI	.70	252.28
	INVOICE SUBTOTAL				2,621.78
	DISCOUNT-(BID)				655.44
	INVOICE BID AMOUNT				1,966.34
	*-KANSAS STATE SALES TAX				66.12
	*-DECATUR COUNTY SALES TAX				15.56
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$2,048.02

33883

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STATE CORPORATION COMMISSION
5-17-90
MAY 17 1990
CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER COPY



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

15-53-20747-00-00

INVOICE NO.	DATE
863216	02/05/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SKOLOUT B 1		RAWLINS		KS	ABRAXAS
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
OBERLIN		MURFIN 3	CEMENT PRODUCTION CASING		02/05/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
003650	ROBERT WATSON			COMPANY TRUCK	90020

ABRAXAS PETROLEUM CORP
P O BOX 17485
SAN ANTONIO, TX 78217

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
500-306	MILEAGE CNTG MAT DEL OR RETURN	848.28	TMI	.70	593.80
INVOICE SUBTOTAL					7,325.15
DISCOUNT - (BID)					1,684.74
INVOICE BID AMOUNT					5,640.41
*- KANSAS STATE SALES TAX					176.53
*- DECATUR COUNTY SALES TAX					41.53
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,858.47

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Wichita, Kansas

AFFIX JOB TKT TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



15-153-20747-00-00
**WORK ORDER CONTRACT
 AND PRE-TREATMENT DATA**

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 863 216

DISTRICT Oberlin, Ks.

DATE 2-5-90

TO: **HALLIBURTON SERVICES** YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: ABRAXAS PET CO. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE SKOLOUT 'B' SEC. 26 TWP. 15 RANGE 35

FIELD _____ COUNTY Rawlins STATE Ks. OWNED BY ABRAXAS PET CO.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		4	9 1/2 - 10 1/2	4 1/2	KB	4372	
LINER		4	20	8 5/8	KB	307	
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

FORMATION THICKNESS _____ FROM _____ TO _____
 PACKER: TYPE _____ SET AT _____
 TOTAL DEPTH 4380 MUD WEIGHT _____
 BORE HOLE 7 7/8"
 INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
 PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
CURT 4 1/2 Production csq w/ 270 SKS HDL w/ 1/4" B.F.I. 10-77, 150 STS
EA-2 w/ 18% OSACT & 4% HALOX 322 w/ 500 gal mud fluid, Dip
w/ 500 gal 10% ACETIC ACID w/ 2 gal 15% & 15% 2% KCL, 150 gal 10% SHAL
INSERT FLOTT VALVE w/ A.T. FILLASS'S S-4 CENTRALIGER 211, 35, 79, 3950 180

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES AS ORDERED

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
- The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect punitive or consequential damages.
 - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.
 SIGNED [Signature] CUSTOMER
 DATE 2-5-90
 TIME 1600 A.M. (P.M.)

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

STATE STATE CORPORATION
 MAY 17 1990
 5-17-90
 COMMISSIONER OF REVENUE
 STATE OF KANSAS



JOB SUMMARY

HALLIBURTON DIVISION

Wichita, KS 15-153-20747-00-00

HALLIBURTON LOCATION

Oberlin, KS

BILLED ON TICKET NO.

863216

WELL DATA

FIELD, SEC. 26, TWP. 12, RING. 35W, COUNTY Rawlins, STATE KS. FORMATION NAME, THICKNESS, INITIAL PROD., PRESENT PROD., COMPLETION DATE, PACKER TYPE, BOTTOM HOLE TEMP., MISC. DATA TOTAL DEPTH 4380

JOB DATA

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times for 2-5-90.

PERSONNEL AND SERVICE UNITS

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Lists personnel like J. Keenan, H. Benny, M. Jones, K. Legg.

MATERIALS

Form for materials including TREAT. FLUID, PROP. TYPE, ACID TYPE, SURFACTANT TYPE, etc.

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK, MIXED LBS./GAL.

PRESSURES IN PSI

SUMMARY

VOLUMES

Form for pressures, summary, and volumes including CIRCULATING, BREAKDOWN, AVERAGE, SHUT-IN, ORDERED, TREATING, FEET.

RECEIVED STATE CORP. MAY 17 1990 CONSERVATION DIVISION Wichita, Kansas

REMARKS: SEE Job Log & chart Thank you

CUSTOMER: DENNIXAS PART CO. LEASE: SLEIGHT T B1 WELL NO: #1 JOB TYPE: LOOSE STAINING DATE: 2-5-90