

ORIGINAL

SIDE ONE

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

Operator: License # 5063
Name: Energy Exploration, Inc.
Address 1002 S. Broadway

City/State/Zip Wichita, Ks. 67211

Purchaser: N/A

Operator Contact Person: Brad D. Lehl

Phone (316) 267-7336

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: Kenneth M. Dean

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

If **OWMO**: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

11-21-90 11-27-90 11-29-90
Spud Date Date Reached TD Completion Date

API NO. 15- 193-20,536 00-00

County Thomas

NW NE NW Sec. 13 Twp. 10S Rge. 32W East West

4950 Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

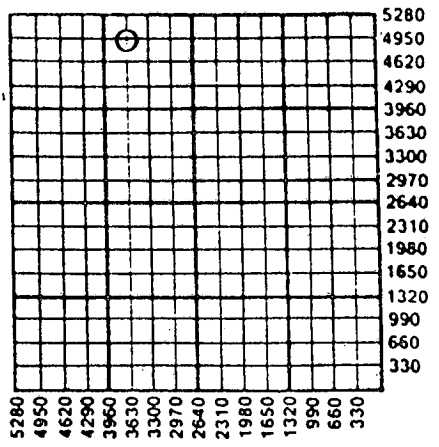
Lease Name Huelsman Well # 1

Field Name wildcat

Producing Formation N/A

Elevation: Ground 3037' KB 3042'

Total Depth 4710' PBDT _____



AI-D D+0

Amount of Surface Pipe Set and Cemented at 258 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.

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STATE CORPORATION COMMISSION
FEB 12 1991
02-12-1991
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 Joseph D. Mace
Title President Date 12-27-90

Subscribed and sworn to before me this 27th day of January,
19 90.

Notary Public: Cheryl Kaufman

Date Commission Expires _____

CHERYL L. KAUFMAN
NOTARY PUBLIC
STATE OF KANSAS
My Appl Exp. Feb. 3, 1993

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)

91

SIDE TWO

Operator Name Energy Exploration, Inc. Lease Name Huelsman Well # 1
 Sec. 13 Twp. 10S Rge. 32W East West
 County Thomas

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <p>Name Top Bottom</p> <p style="text-align: center; font-size: 1.2em;">SEE ATTACHED SHEET</p>
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CASING RECORD <input checked="" 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	12 1/4"	8 5/8"	20#	258	60/40 poz	180	2% gel, 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer At				
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

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 _____

ORIGINAL

Energy Exploration, Inc. - Huelsman #1
NW/4 NE/4 NW/4, Section 13-T10S-R32W
Thomas County, Kansas

15-193-20536-00-00

Formation	Sample	Log
Anhydrite	2589 +453	2588 +454
B/Anhydrite	2620 +422	2617 +425
Topeka	3804 -762	3797 -755
Heebner	4023 -981	4018 -976
Toronto	4046 -1004	4043 -1001
Lansing	4061 -1019	4061 -1019
Stark	4273 -1231	4269 -1227
BKC	4338 -1296	4336 -1294
Marmaton	4364 -1322	4363 -1321
Pawnee	4467 -1425	4461 -1419
Myrick Station	4506 -1464	4501 -1459
Fort Scott	4527 -1485	4524 -1482
Cherokee Shale	4555 -1513	4552 -1510
Cherokee Jhn.	4598 -1556	4594 -1552
Mississippi	4646 -1604	4643 -1601
T.D.	4710	4709

DST #1 4240-4272 (Lans "J") 30-30-30-30, Rec. 60' M (few 0 spks.) IHP 2066, IFP 22-22, ISIP 1328, FFP 33-33, FSIP 1317, FHP 2044, temp. 120°.

DST #2 4010-4052 (Tor) 30-60-60-60, Rec. 600' MW, IHP 2055, IFP 66-144, ISIP 1262, FFP 188-300, FSIP 1262, FHP 2033, temp. 117°.

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STATE CORPORATE COMMISSION

FEB 12 1991
CONSERVATION DIVISION
Wichita, Kansas



15-193-20536-00-00
 ORIGINAL
 REMIT TO: P.O. Box 100906, Houston, Tx. 77212

15-193-20536-00-00
 SERVICE OPERATIONS CONTRACT
 TERMS NET 30 DAYS FROM DATE OF CONTRACT

CUSTOMER ACCOUNT NO.		DIST. NAME <i>Onkowsks</i>		DATE <i>11-21-90</i>	SERVICE CONTRACT NO. 610065
CUSTOMER <i>Energy Exploration</i>		DIST. NUMBER <i>3330</i>		NEW WELL <input checked="" type="checkbox"/> WFLI TYPE <i>0</i>	JOB NUMBER
ADDRESS		WELL NO. <i>1</i>		LEASE NAME & FEDERAL OFFSHORE LEASE NO. <i>Huelman</i>	
CITY		COUNTY <i>Llanos</i>		STATE <i>Ks</i>	CODE
AUTHORIZED BY <i>Rod Johnson</i>		ORDER NO.		CITY CODE	
STAGE NO.	JOB CODE	WORKING DEPTH <i>358</i>	FT.	PUMPING EQUIPMENT	
TOTAL PREV. GALS	SURFACE <input checked="" type="checkbox"/> INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>	TRUCK CALLED <i>6:00 P</i>		MM DD YY <i>11 21 90</i>	
TOTAL MEAS. DEPTH	SIZE HOLE <i>12 7/8</i>	DEPTH <i>260</i>		ARRIVED AT JOB <i>7:30 P</i>	
FT.	SIZE & WT. CASING <i>8 5/8" 30"</i>	DEPTH		START OPERATION <i>10:45 P</i>	
AVG. PSI	SIZE & WT. DRILL PIPE OR TUBING	DEPTH		FINISH OPERATION <i>11:00 P</i>	
MAX. PSI	PACKER DEPTH	FLUID PUMPED		TIME RELEASED <i>11:30 P</i>	
MAX. BPM	REVENUE EQUIPMENT (UNIT NUMBERS)		EMPLOYEES ON JOB (EMP. C/Y/E NUMBER)		
S/S EMPLOYEE NUMBER	<i>BS1-6463</i>		<i>63-6435</i>		
	<i>BS1-2037</i>		<i>58-4937</i>		

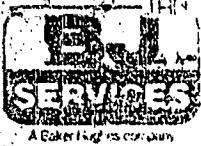
PRICE BOOK REF.	PART NO.	U/M	QTY	PART NO.	U/M	QTY	CEMENT <input type="checkbox"/>	FRAC <input type="checkbox"/>	ACID <input type="checkbox"/>	SAND CONTROL <input type="checkbox"/>

RECEIVED
 STATE OF KANSAS
 FEB 12 1991
 COMMISSIONER OF REVENUE
 WICHITA, KANSAS

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
 The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK REF. NO.	QTY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
10111003013	1	Pumpers charge	440.00	ea	440.00
10111030015	6	Pump Trip mixing (Gallon 6)	2.34	ea	14.04
10111051014	103	Class A Cement	6.36	ea	655.08
10111051018	72	Pas Mix	3.62	ea	260.64
10111051019	480	Ca. O.	46.00	ea	22080.00
10111051015	300	Sel	1.10	ea	330.00
10111051019	1	8 5/8 plus	17.00	ea	17.00
10111051015	138	Maximum Handling	70.00	ea	9660.00
10111051011	138	Handling & dumping	1.10	ea	151.80
		Sub-total			1954.34

CHECK IF CONTINUATION IS USED
 SERVICE REPRESENTATIVE: *[Signature]*
 THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
 CUSTOMER: This is not an invoice. This Service Operations Contract is subject to review and correction by our Accounting Department.
 2030 (Rev. 12-89)



ORIGINAL

CONTRACT NO. **610065**

DATE OF JOB	MM DD YY	DISTRICT	DIST NO.	AUTHORIZED BY
11	12	1990	Oakleys 3320	Redfern
CUSTOMER: Energy Education				

PRICE BOOK	PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	SUM	PRICE EXTENSION
			- 3.2% discount			429.93
			Total			1524.31
	1101107891		Fuel surcharge	3.52		38.11
			Total			1562.42

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STATE OF TEXAS
FEB 12 1991

SERVICE REPRESENTATIVE: [Signature]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
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CHECK IF CONTINUATION IS USED. (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Dept.



ORIGINAL

15-193-20536-00-00 CEMENTING LOG

STAGE NO.

Date 11-21-90 District Oakley, Ks Ticket No. 610065
 Company Energy Exploration Rig Murphy #20
 Lease Muelman Well No. _____
 County Thomas State Ks
 Location Oakley 50-13E-5in Field _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 60/40 Pass
3% CC 2% gel Excess _____

Amt. 180 Sks Yield 1.24 ft³/sk Density 14.8 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used: BSU-6463

Bulk Equip: BSU-2037

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8" Type 20# 55 Weight 20# Collar 5810

Casing Depth: Top surface Bottom 258'

Drill Pipe Size _____ Weight _____ Collars _____

Open Hole Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS

Casing: Bbls/Lin. ft. 0.652 Lin. ft./Bbl. 15.7
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Ann. _____

Float Equip. Manufacturer _____

Shoe Type _____ Depth _____

Float Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Bbls _____

Stage Collars _____

Spectar Equip _____

Disp. Fluid Type H₂O Amt. 165 Bbls. Weight 8.34 PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Red Fern

CEMENTER Harry A.

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
7:30						on loc & set up tools hold on - job safety meeting hook up to circulator mix cement displace plug down Cement did circulate Cement = 40 bbl slurry
8:30						
10:35						
10:48						
10:57						
11:00						

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 STATE CORPORATION COMMISSION

FEB 12 1991

CONSERVATION DIVISION
 Wichita, Kansas

Thank you
 Harry A. Crew



P.O. Box 4442
Houston, Tx. 77210

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

15-193-20536-00-00

SERVICE OPERATIONS CONTRACT

TERMS NET 30 DAYS FROM DATE OF CONTRACT

DATE <i>11-29-90</i>	SERVICE CONTRACT NO. 627596
NEW WELL <input checked="" type="checkbox"/> WELL TYPE <i>0</i>	JOB NUMBER 1185
WELL NO. <i>1</i>	LEASE NAME & FEDERAL OFFSHORE LEASE NO. <i>Huelsmer</i>
COUNTY/PARISH <i>Thomas</i>	CODE <i>51</i> STATE <i>Ka</i> CITY CODE <i>14</i>
FIELD NAME	MTA CODE
WELL OWNER <i>Energy Expl. Inc.</i>	

CUSTOMER ACCOUNT NO. 37890009	DIST. NAME <i>PTA 015</i>
CUSTOMER <i>Energy Exploration, Inc.</i>	DIST. NUMBER <i>2370</i>
ADDRESS <i>1002 S. Broadway</i>	
CITY <i>Wichita</i> STATE <i>Ka</i> ZIP <i>67211</i>	
AUTHORIZED BY <i>Matt Finney</i>	ORDER NO.
STAGE NO.	JOB CODE <i>PTA 015</i>
	WORKING DEPTH <i>2600</i> FT
TOTAL PREV. GALS.	SURFACE <input type="checkbox"/> INTERMEDIATE <input type="checkbox"/> PRODUCTION <input type="checkbox"/> REMEDIAL <input type="checkbox"/>
TOTAL MEAS. DEPTH FT.	SIZE HOLE <i>7 7/8</i> DEPTH FT
	SIZE & WT. CASING <i>8 1/2</i> DEPTH FT
	SIZE & WT. DRILL PIPE OR TUBING <i>4 1/2</i> DEPTH <i>2600</i> FT
	PACKER DEPTH FLUID PUMPED

PRESUMED	AVG. PSI. <i>400</i>	MAX. PSI.
MAX. BPM	<i>4</i>	
S/S EMPLOYEE NUMBER	<i>116953</i>	

REVENUE EQUIPMENT (UNIT NUMBERS)				EMPLOYEES ON JOB (EMPLOYEE NUMBER)			
<i>BSW</i>	<i>2751</i>	<i>BSW</i>	<i>6424</i>	<i>D</i>	<i>Koofman</i>	<i>68</i>	<i>7234</i>
<i>BSW</i>	<i>2037</i>			<i>M1</i>	<i>MUSKATY</i>		
<i>P</i>	<i>12500</i>			<i>B</i>	<i>Becker</i>	<i>44</i>	<i>6950</i>

BLENDS						CEMENT <input checked="" type="checkbox"/>	FRAC <input type="checkbox"/>	ACID <input type="checkbox"/>	SAND. CONTROL <input type="checkbox"/>
PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK	<i>01</i>	SIGNED		(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)	
PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

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STATE COMMISSION
FEB 12 1991
REGISTRATION DIVISION
Wichita Kansas

SERVICE REPRESENTATIVE <i>Bill R. K...</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY <i>Matt Finney</i>
---	--

CUSTOMER: This is not an order. This Service Operations Contract is subject to review and correction by our Accounting Department.



15-193-20536-00-00
ORIGINAL
 SERVICE OPERATIONS CONTRACT
 CONTINUATION

CONTRACT NO. **6275-96**

DATE OF JOB **1/29/90** DISTRICT **3370** AUTHORIZED BY **Mark Finney**
 CUSTOMER **Energy Exploration Inc.**

PRICE BOOK	PRICE BOOK ALT. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	UNIT	PRICE EXTENSION
	01					
	10100202	1	Pump Truck charge	440.00	E	440 00
	10109005	10	Pump Truck Mileage	2.35	M	23 50
	10410504	120	Comm. Repair	6.30	Q	756 00
	10415010	80	Pol	3.62	Q	289 60
	10420245	1032	Gel	.13	L	134 16
	10422008	50	Colloidal	1.21	L	60 50
	10880001	200	Handling & Dumping	1.10	SK	220 00
	109401105	91	Handling 9.1 TONS	.75	TM	70 00
	10430530	1	plus	12.00	E	12 00
			Subtotal			2005 76
			Less			401 15
			Subtotal			1604 61
	101107801		Fuel Surcharge			40 12
						1644 73

RECEIVED
 STATE OF MISSISSIPPI COMMISSION
 FEB 12 1991
 OPERATIONS DIVISION
 CONTRACTS

SERVICE REPRESENTATIVE **Reid K...** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **Mark Finney** (WELL OWNER, OPERATOR, CONTRACTOR) OR AGENT

CHECK IF CONTINUATION IS USED
 CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.