

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

Operator: License # 5817

Name: Benson Mineral Group

Address Box 707

City/State/Zip Howard, KS 67349

Purchaser: N/A

Operator Contact Person: E. Wayne Willhite

Phone (620) 3742133

Contractor: Name: McPherson Drilling

License: 5675

Wellsite Geologist: Wm Stout

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Stow

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 PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

11-22-00 11-27-00 1-26-01
Spud Date Date Reached TD Completion Date

API NO. 15- 133 25645-0000

County Neosho

NW-NW-SW Sec. 23 Twp. 27 Rge. 18 E

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

330 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 L. Reinhardt Well # 23-1

Field Name Chanute- Humbolt

Producing Formation Bartlesville Sand

Elevation: Ground 1001 KB _____

Total Depth 838 PBTD _____

Amount of Surface Pipe Set and Cemented at 42 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 838

feet depth to surface w/ 155 sx cmt.

Drilling Fluid Management Plan Alt II KGR 1/03/08
(Data must be collected from the Reserve Pit)

N/A air rig

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 E. Wayne Willhite

Title Agent Date 2-28-01

Subscribed and affirmed to before me this 28 day of February, 2001

Notary Public E. Wayne Willhite

Date Commission Expires August 21, 2001



E. WAYNE WILLHITE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES: 8/21/01

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 Benson Mineral Group

Lease Name L. Reinhardt Well # 23-1

East

County Neosho

Sec. 23 Twp. 27 Rge. 19 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.)

List All E.Logs Run:
GammaRay Neutron
Cement Bond

Log Sample
Formation (Top), Depth and Datum
Name Top Datum
see attached sheet

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	11"	8 5/8"	32#	42'	Reg	8	-
Production	6 3/4"	4 1/2"	10 1/2#	838	OWC	155	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Protect Casing	731 surface	Reg A	100	Cac/2%
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	820-826	13 holes	300 gal 10% mud acid	820-826

TUBING RECORD Size 2 3/8" Set At 785 Packer At 785 Liner Run Yes No

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

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
						5		

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

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

Production Interval _____

STATE OF KANSAS DEPARTMENT OF REVENUE

McPherson Drilling - Drillers Log

ORIGINAL

API NO. 15-

S. T. R.
LOCATION:
COUNTY: Neosho

OPERATOR: Benson Mineral Group
ADDRESS:
WELL NO. #1
FOOTAGE LOCATION:

LEASE NAME: L. Reinhardt
FROM THE (S) (N) LINE
FROM THE (E) (W) LINE

PRINCIPLE CONTRACTOR: MCPHERSON DRILLING Rlg #3
SPUD DATE: 11/22/00
COMPLETED DATE: 11/27/00
TOTAL DEPTH: 838' GEOLOGIST: Bill Stout

CASING RECORD

	SURFACE	PRODUCTION	COMMENTS:
SIZE HOLE:	11"	6 3/4"	838' Stopped because too much gas to proceed.
SIZE CASING:	8 5/8"		
WEIGHT:			
SETTING DEPTH:	42'		
TYPE CEMENT:	Portland		
SACKS:	8		

WELL LOG

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
soil	0	2	sand	760	838 TD			
lime	2	38						
coal	38	40						
lime	40	58						
shale	58	63						
lime/sand	63	71						
shale	71	91						
lime/sand	91	98						
lime	98	133						
shale	133	285						
lime	285	320						
shale	320	331						
sand	331	338						
shale	338	393						
pink lime	393	435						
shale	435	481						
osw lime	481	498						
summit	498	507						
lime	507	510						
mulkey	510	516						
lime	516	517						
sandy shale	517	728						
oil sand	728	741						
sandy shale	741	760						

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 2 2001
CONSERVATION DIVISION

Gas Tests @		
443'	57 MCF	
493'	same	
507'	135 MCF	
523'	135 MCF	
760'	95 MCF	
803'	205 MCF	



CONSOLIDATED

INDUSTRIAL SERVICES

AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

ORIGINAL

TICKET NUMBER **16988**

LOCATION Neosho Co.

FIELD TICKET

1639

L. Reinhardt

DATE 11-27-00	CUSTOMER ACCT # 1639	WELL NAME #1	QTR/QTR	SECTION 23	TWP 27	RGE 199	COUNTY ND	FORMATION
CHARGE TO Benson Mineral Group				OWNER				
MAILING ADDRESS Box 707				OPERATOR				
CITY & STATE Howard, KS 67349				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401-10	1	PUMP CHARGE cement pump		525 ⁰⁰
5402-10	836'	Casing footage		108.68
		HYDRAULIC HORSE POWER		
4118	1	4 1/2 A&G		150 ⁰⁰
44011-10	1	4 1/2 Rubber plug		27 ³⁰
RECEIVED KANSAS CORPORATION COMMISSION MAR 2 2001 CONSERVATION DIVISION				
		STAND BY TIME		
		MILEAGE		
5501-10	3 hrs	WATER TRANSPORTS		210 ⁰⁰
		VACUUM TRUCKS		
		FRAC SAND		
1126-10	155 SXS	CEMENT OWC		1860 ⁰⁰
F		NITROGEN		
5407-10	7 miles	TON-MILES Min Bulk Delivery	Tax	140.59
				175 ⁰⁰
ESTIMATED TOTAL				3195.59

NSCO #15067

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

DR or AGENT (PLEASE PRINT)

DATE 11-27-00

170025

ORIGINAL

BLUE STAR ACID SERVICE, INC.

PO Box 103 Eureka, Kansas 67045

Cementing Ticket and Invoice Number

No 2542

Customer Order No. 2-7-00, Sect. 23, Twp. 27S, Range 19E, Truck Called Out 11:00 AM, On Location 1:30 PM, Job Began 3:30 PM, Job Completed 5:00 PM. Owner: Benson Minerals Group, Contractor: L & S Well Service, Charge To: Benson Minerals Group. Well No. & Form: L. Reinhardt #23-1, Depth of Well: 827', Depth of Job: 731-734', Casing: 4 1/2" Size 10.5, Size of Hole: 100 SKS, Cement Left: 20'.

Price Reference No. # 1, Price of Job 665.00, Second Stage, Mileage 30 > 63.00, Other Charges, Total Charges 728.00

Remarks: Rig up to Annulus of 4 1/2" casing. Pumped 1/2 BBL. Annulus pressure 1000 PSI. Could not pump into annulus of 4 1/2". Wait on Cornish to perforate 4 1/2" @ 731 to 734 w/ 7 shots. Rig up to 4 1/2" casing. Establish injection rate of 3 BPM @ 600 PSI. Start mixing cement. Pressure decreased to 300 PSI. Mixed 100 SKS Regular Cement w/ 2% CaCl2. Shut down, wash out pump & lines. Release plug. Displace w/ 11.3 BBLs fresh water. Final pumping pressure 750 PSI. Shut in @ 550 PSI.

Cementor: Kevin McCoy, Helper: Brad - Mike, District: Eureka, State: KS, Truck No. Unit # 2

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

"Thank You"

Agent of contractor or operator

Sales Ticket for Materials Only

Table with 4 columns: Quantity Sacks, BRAND AND TYPE, PRICE, TOTAL. Includes items like 100 SKS Regular Class 'A' Cement (6.75), 188 # CaCl2 2% (.35), 3 hrs 80 BBL Vac Truck (50.00), 1 4 1/2" Top Rubber Plug (35.00), 100 SKS Handling & Dumping (.50), 4.7 Tons Mileage 30 (.70). Total: 1908.85.

well squeeze info @ 731'-734'

OK WJ

Delivered by Truck No. Unit # 3, Delivered from Eureka, Signature of operator Kevin McCoy