

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

Operator: License # 5015  
Name Hellar Drilling Company, Inc.  
Address 711 Petroleum Bldg  
City/State/Zip Wichita, KS 67202

Purchaser Clear Creek  
McPherson, Kans

Operator Contact Person D. L. Hellar  
Phone 316 267 2845

Contractor: License # 5104  
Name Blue Goose Drilling, Inc.

Wellsite Geologist D. B. Douglass  
Phone 316 2637135

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

10/23/87 11/3/87 1/4/88  
Spud Date Date Reached TD Completion Date  
4832 4800  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 417 feet  
Multiple Stage Cementing Collar Used? Yes No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated  
from feet depth to w/SX cmt  
Cement Company Name  
Invoice #

API NO. 15-057-20,432-0000  
County Ford  
NW NE SW Sec. 35 Twp. 25 Rge. 21 East  
x West

2310 Ft North from Southeast Corner of Section  
3670 Ft West from Southeast Corner of Section  
(Note: Locate well in section plot below)

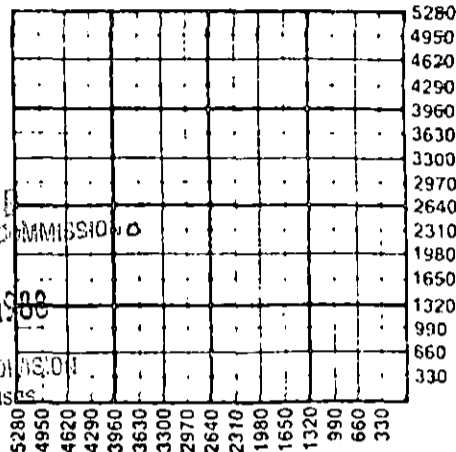
Lease Name Israel Well # 1

Field Name Coon Creek North

Producing Formation Miss

Elevation: Ground 2291 KB 2301

Section Plot



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring  
No produced wtr yet

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # T87-154

Groundwater Ft North from Southeast Corner  
(Well) Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain)  
(purchased from city, R.W.D. #)

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. 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 President Date 2/22/88

Subscribed and sworn to before me this 22nd day of February 1988  
Notary Public Sarah A. Simon  
Date Commission Expires December 11, 1989

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rap NGPA  
KGS Plug Other (Specify)

Operator Name Hellar Drilling Company, Inc. Lease Name Israel Well # 1

Sec. 35 Twp. 25 Rge. 21  East  West County Ford

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST 1 30 45 60 45 Rec gts 10" 60,400 in 60" stab Rec 540' wtr sl gc  
 FP's 143-134 & 172-277 BHP's 1303 & 1303

Name	Top	Bottom
Anhy	1351	
Heeb	4006	
Brn Lm	4114	
LKC	4126	
Ft Sc	4638	
Cher sh	4654	
Cher lm	4664	
Miss	4738	

DST 2 30 45 60 45 Rec 600' gip & 300' fl-60' o & gcm, 180' o & gcm, 60' socw  
 FP's 60-110 & 140-150 BHP's 901-745

DST 3 4670-4728 3060 60 60 Rec 2760' gip, 95' gsy O, 150' o & gcm  
 FP's 86-76 & 105-105 BHP's 614-1400

DST 4 30 60 60 60 Rec 1920' gip & 360' gsy O & 120' ocm  
 FP's 86-114 & 172-201 BHP's 1157-1157

DST 5 30 45 60 45 Rec 120' slocm, 60' socmw, 360' wtr  
 FP's 124-172 & 229-258 BHP's ;352-1215

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 3/4	8 5/8	24	417	Quikset	210	2% gel
Production	7 7/8	5 1/2	14	4829	ASE	175	10% salt CFD

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated  
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

3	4751-53 & 4756-60	350 mca	4751-60
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TUBING RECORD  
 Size 2 3/8 Set At 4784 Packer at none  
 Liner Run  Yes  No

Date of First Production 1/4/88  
 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
78 Bbls	nil	MCF	no Bbls	CFPB	39

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4751-53 &  
 Used on Lease  Dually Completed ..... 4756-60  
 Commingled

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial X Annual Workover Reclassification TEST DATE: 2/24/88

Company: Hellar Drilling Co., Inc. Lease: Israel Well No.: 1

County: Ford Location: SW Section: 35 Township: 25S Range: 21W Acres: 40

Field: Coon Creek North Reservoir: Mississippi Pipeline Connection: Clear Creek

Completion Date: 1/4/88 Type Completion(Describe): Perf. Plug Back T.D.: 4800' Packer Set At: None

Production Method: Flowing Pumping X Gas Lift Type Fluid Production: Oil API Gravity of Liquid/Oil: 38

Casing Size: 5 1/2" Weight: 14.15 I.D.: 5 1/2" Set At: 4828' Perforations: 4751 To: 4760'

Tubing Size: 2 3/8" Weight: 4.70 I.D.: 4.70 Set At: 4790' Perforations: Mud anchor To:

Pretest: Starting Date: 2/24/88 Time: 9 a.m. Ending Date: 2/25/88 Time: 9 a.m. Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	200 bbl	4369	1'	3"	25	1'	3"	25	0 25
Test:	200 bbl	4368	4'	2 1/2"	84	7'	8"	153	0 69

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity (Gg)	Flowing Temp. (t)
			In.Water	In.Merc.	Psig or (Pd)			
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press.(Psia)(Pm)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD: Oil Prod. Bbls./Day: 69 Gas/Oil Ratio (GOR) = Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 24th day of February 19 88

For Offset Operator: Paula Tuttle For State: For Company: [Signature]