

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 # 6546
Name Bellwether Exploration Company
Address 600 17th Street
Suite 400 N
City/State/Zip Denver, CO 80202
Purchaser Diamond Shamrock/KOCH
Tony Sharp - Denver, CO
Operator Contact Person (303)623-1067
Phone Frank Bennett - Oberlin, KS
(913)475-3029
Contractor: License # 5302
Name Red Tiger
Wellsite Geologist Allen Munroe
Phone (303)674-5110

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

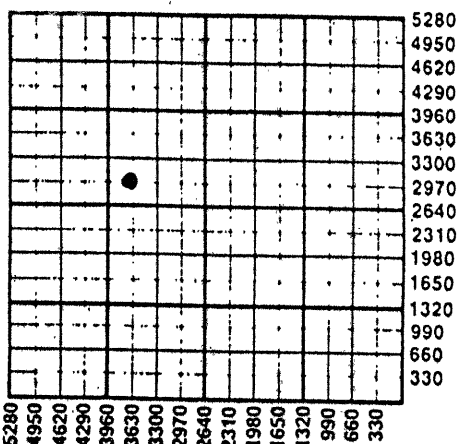
If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12/26/85 01/04/86 02/24/86
Spud Date Date Reached TD Completion Date
3854' 3720'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 206 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2104 feet
If alternate 2 completion, cement circulated
from 125 feet depth to 2200 w/ 325 SX cmt
(see attached)

API NO. 15-039-20788-000-00-00
County Decatur
SW SE NW Sec. 10 Twp. 2S Rge. 27 East West
2970 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name R. Wilson Well # 1-10
Field Name Unnamed Monaghan
Producing Formation Lansing
Elevation: Ground 2612 KB 2617



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #
 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 duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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 Manager of Operations Date 04/18/86

Subscribed and sworn to before me this 18th day of April 1986
Notary Public Linda Colleen Busomile
Date Commission Expires 4-15-89

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

JUN 09 1986
CONSERVATION DIVISION
Wichita, Kansas
6-9-86

Sec. 10 Twp. 2S Rge. 27

SIDE TWO

Operator Name Bellwether Exploration Company Lease Name R. Wilson Well # 1-10

Sec. 10 Twp. 2S Rge. 27 East West County Decatur

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

See Attached

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	2122'	
Heebner SH.	3402'	
Lansing LS.	3446'	
Swope LS.	3602'	
B.K.C.		3683'
Cherokee	3776'	
Granite Wash	3820'	
Granite	3838'	

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	206	60/40 POZ	170	3% CC
Production	7-7/8"	4-1/2"	10.5	3763	60/40 POZ	170	2% Gel 10% NaCl
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
4	3512-15'			N/A			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-3/8"		Set At 3559'	Peaker at 3460'				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)						
02/24/86							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	69 Bbls	< 1 (est.) MCF	20 Bbls	< 14.5 (est) CFPB	33		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Solid Used on Lease
 Open Hole Perforation Other (Specify) Lansing
 Dually Completed Commingled Single Zone

ACO-1 Attachment 05/29/86
Alternate 2 Completion

R. Wilson #1-10
SW SE NW SEC 10-T2S-R27W
Decatur County, Kansas

Operator: Bellwether Exploration Company
600 17th Street, Suite 400 N
Denver, CO 80202
License #6546

05/22/86 Pumped 50 barrels of fresh water down surface casing on vacuum. Pumped 25 sacks Class 'A' cement followed by 300 sacks of B-J Thrifty Mix Cement with 1/2 lb per sack of celloflake. Pumped entire slurry down surface casing and into annulus.

05/23/86 Ran temperature survey from surface to 2200'. Temperature survey indicated cement from 125' to 2200'+. Put well back on production.

Pertinent Data:

Surface Casing: 8-5/8", 20#, set at 206', cement circulated.

Formation Data:	Formation	Top	Bottom
	Fort Hayes	640	700
	Green Horn	932	990
	Dakota	1178	1240
	Cedar Hills	1745	1910
	Anhydrite	2120	2152

Attachments:

Temperature Survey: Central Wireline Service
Cement Tickets: B-J Titan

Signature Terry Shuf

Title Manager of Operations Date 6/6/86

RECEIVED
STATE CORPORATION COMMISSION

JUN 09 1986

CONSERVATION DIVISION
Wichita, Kansas

CENTRAL WIRELINE SERVICE

P.O. BOX 1547 Great Bend, Kansas 316-793-5762

TEMPERATURE SURVEY

Date 5/23/86

TKT # 2241

Company Bellwether Explor

Address 600 1700 str ste 400 N City Denver State Colo

Contractor Poe Well Ser Place Oberlin 10e 4n ne/loc

Lease R Wilson Well No 1-10 County Decator Sec _____ Twp _____ Range _____

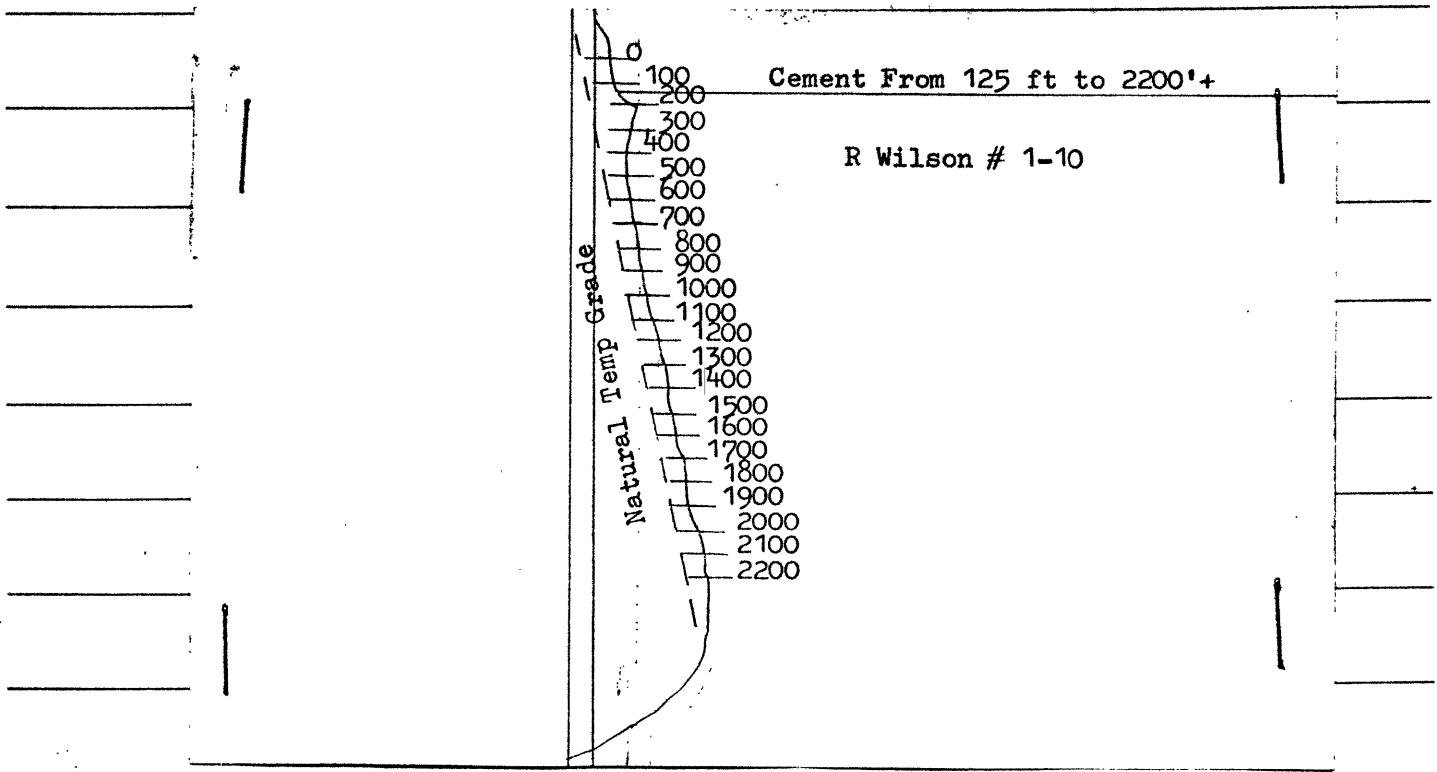
Depth Well backside Depth Casing Sqz Shoe Jt _____ Size 4½ Weight _____ Hole Size 7 7/8

Amount Cement 300 sx Econ Lite Cementing Co. BJ Titan Services

Survey from _____ 0 _____ To _____ 2200

Details Zeroed & Started detailing at gl. Stopped at 2200 ft. Cement from 125 ft to 2000 ft +.

Ran survey at 100 ft every 60 seconds.



BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

STAGE NO. _____

Date 5-22-86 District Oakley Ticket No. 281498
 Company Bellweather Exploration Rig Box Well Service
 Lease R. Willson Well No. #1-10
 County Decatur State Kansas
 Location Oberlin IDE-4N-1NE Field _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2 Type _____ Weight _____ Collar _____

Casing Depths: Top 2109 Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: T₃ Bbls/Lin. ft. .0039 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____
 LEAD: Pump Time _____ hrs. Type Common
 Excess _____
 Amt. 25 Sks Yield 1.17 ft³/sk Density 13 PPG
 TAIL: Pump Time _____ hrs. Type Thirty Mix
2 1/2 Celloflake per sk Excess _____
 Amt. 300 Sks Yield 3 ft³/sk Density 10.8 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 1452
 Bulk Equip. B-14 - CT-38

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER _____

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min.	
<u>8:30</u>						<u>on Location</u>
						<u>Mix 1sk Celloflake + Pump Down T₃</u>
						<u>Pump 45 Bbls H₂O Down Ann</u>
						<u>Mix 25sks Common followed by</u>
						<u>25sks 300sks Down Ann</u>
						<u>300</u>
						<u>25sks Common followed by</u>
						<u>300sk Thirty Mix used on</u>
						<u>Well</u>
						<u>Job Completed @ 4:30pm</u>
						<u>Washed out T₃ + C₃</u>

STATE CORPORATION COMMISSION
 JUN 09 1986
 CONSERVATION DIVISION
 Wichita, Kansas

[Handwritten Signature]

BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB
MM DD YY
5 22 86

CONTRACT NO. **281498**

DIRECT CORRESPONDENCE TO: P.O. BOX 4442 HOUSTON, TX 77210
 TERMS: NET 30 DAYS FROM DATE OF CONTRACT
 REMIT TO: P.O. BOX 200416 HOUSTON, TX 77216

ORDER NO.

CUSTOMER

NAME: *Bellweather Explorations* NO. _____
 ADDRESS: _____
 CITY: _____ STATE: _____ ZIP CODE: _____
 AUTHORIZED BY: *Tommy Sharp*

DESCRIPTION OF WELL

WELL NO. *F-10* OIL NEW STATE *Kansas* CODES _____
 GAS OLD
 LEASE NAME *Willson* COUNTY/PARISH *Decatur*
 FIELD NAME _____ CITY _____
 OWNER _____ MTA DISTRICT _____
 LEASE LINES _____
 SURVEY LINES *Roy & Rom*
 SURVEY _____
 DIRECTIONS TO LOCATION *Obri- 10E-4N-1NE*
 SECTION, TOWNSHIP, RANGE *10-25-27W*
 QUADRANT _____

JOB INFORMATION

ARRIVED: HH MM A MM DD YY *8:30 P 5 22 86*
 RELEASED: HH MM A MM DD YY *5 86*
 JOB CODE _____ TYPE OF JOB *Port Collet* API OR IC NO. _____
 AVG. PSI _____ BUSINESS CODE _____ INJ. RATE (BPM) _____ WORKING WELL DEPTH *2109* FT.

DIST. NO. *33102* DISTRICT NAME *Oakley Ks* SLSMAN NO. _____

CONTRACT CONDITIONS

This contract must be signed before the job is started or merchandise delivered. The undersigned is authorized to execute this contract as an Agent of the Customer. As such, the undersigned 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 substitute terms and/or conditions shall become a part of this contract without the written consent of an Officer of BJ-TITAN SERVICES COMPANY.

SIGNED: *Tommy Sharp* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01	<i>Piece of Job</i>	<i>ea</i>	<i>1</i>	<i>862.00</i>	<i>862.00</i>
02	<i>PTM</i>	<i>ea</i>	<i>15</i>	<i>150</i>	<i>22.50</i>
03	<i>Common</i>	<i>sk</i>	<i>184</i>	<i>610</i>	<i>1122.40</i>
04	<i>Por. mix</i>	<i>sk</i>	<i>86</i>	<i>2.50</i>	<i>215.00</i>
05	<i>Celloflake</i>	<i>lb</i>	<i>175</i>	<i>1.20</i>	<i>210.00</i>
06	<i>Gel</i>	<i>cutt</i>	<i>2132</i>	<i>6.75</i>	<i>14391</i>
07	<i>A-2</i>	<i>lb</i>	<i>427</i>	<i>1.00</i>	<i>427.00</i>
08	<i>Har. Hing & Dampings</i>	<i>ea</i>	<i>270</i>	<i>92</i>	<i>248.40</i>
09	<i>Per Ton Mile</i>	<i>TM</i>	<i>198</i>	<i>68</i>	<i>134.64</i>
10					<i>3385.85</i>
11					
12					<i>2370.09</i>
13					
14					
15					
16					

SERVICE REPRESENTATIVE *[Signature]*

PR. BOOK *7* The above material and service ordered by the Customer and received by: *Tommy Sharp* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)