

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 # 7076

Name: Black Diamond Oil, Inc.

Address 3004 Broadway Avenue

City/State/Zip Hays, Kansas 67601

Purchaser: _____

Operator Contact Person: Kenneth Vehige

Phone (313) -625-5891

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Kenneth Vehige

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

8/18/90 8/25/90 Dry hole

Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,486-0000

County Ness

C E/2 E/2 SE 17 Twp. 18S Rge. 24 East West

1320 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

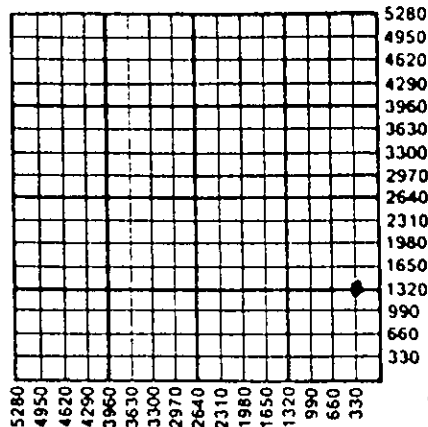
Lease Name Stenzel Well # 1

Field Name LTP North

Producing Formation _____

Elevation: Ground 2290' KB 2295'

Total Depth 4360' PBTD _____



*01/11 0*0*

Amount of Surface Pipe Set and Cemented at 251 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.

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 Kenneth Vehige

Title Owner/Operator Date 9/13/90

Subscribed and sworn to before me this 13 day of Sept., 1990.

Notary Public Jolene H. Klaus

Date Commission Expires 2/5/94

9-14-90
SEP 14 1990

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)



SIDE TWO

Operator Name Black Diamond Oil, Inc. Lease Name Stenzel Well # 1
 Sec. 17 Twp. 18S Rge. 24 East West
 County Ness

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.) tickets attached
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Name	Formation Description	
	Top	Bottom
Anhydrite	1574'	1608'
Heebner	3663'	
Lansing-K.C.	3704'	4014'
Fort Scott	4210'	
Weathered Miss.	4322'	
T.D.	4360'	

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	N/A	253'	60/40Poz	150	3%CC, 2%Gel
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		

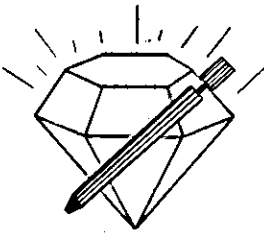
Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____



DIAMOND TESTING 15-135-23486-0000
 P. O. Box 157
 HOISINGTON, KANSAS 67544
 (316) 653-7550
DRILL-STEM TEST TICKET

ORIGINAL

Company Black Diamond Oil Inc Lease & Well No. Stonze 1 #1
 Contractor Emphasis Rig 7 Charge to Black Diamond Oil, Inc
 Elevation 2295 KB Formation MIS Effective Pay _____ Ft. Ticket No. _____
 Date 9-24-90 Sec. 17 Twp. 18 S Range 24 W County Noss State KANSAS

Test Approved By [Signature] Diamond Representative Roger D. Friendly

Formation Test No. 1 Interval Tested from 4218 ft. to 4331 ft. Total Depth 4331 ft.
 Packer Depth 4213 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4218 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4206 ft. Recorder Number 13386 Cap. 3875 P.S.I.
 Bottom Recorder Depth (Outside) 4328 ft. Recorder Number 13556 Cap. 4425 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 48 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 5200 P.P.M. Drill Pipe Length 4193 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2 in.
 Did Well Flow? NO Reversed Out NO 62" DP 50' with Anchor Length 113 ft. Size 4 1/2 in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Flow: Fair 1" increasing to 8" @ end
 2nd Flow: Weak surface blow increasing to 3" @ end with slight decrease

Recovered 152 ft. of 2' clean oil
 Recovered _____ ft. of 150 OCM 20% oil 80% mud
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>30' Gas in pipe</u>	Other Charges
Remarks: _____	Insurance <u>RECEIVED</u>
	Total <u>SEP 14 1990</u>

Time Set Packer(s) 3:10 A.M. Time Started Off Bottom 7:10 A.M. Maximum Temperature 120°
 Initial Hydrostatic Pressure (A) 2146 P.S.I.
 Initial Flow Period Minutes 45 (B) 88 P.S.I. to (C) 121 P.S.I.
 Initial Closed In Period Minutes 45 (D) 929 P.S.I.
 Final Flow Period Minutes 75 (E) 132 P.S.I. to (F) 152 P.S.I.
 Final Closed In Period Minutes 75 (G) 853 P.S.I.
 Final Hydrostatic Pressure (H) 2102 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

3-483-2627, Russell, Kansas

15-135-23486-0000

Phone Plainville 913-434-2812

316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No. 6266

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	8-18-90	Sec.	17	Twp.	18	Range	24	Called Out	2:00 P.M.	On Location	5:30 P.M.	Job Start	6:30 P.M.	Finish	7:15 P.M.
Lease	Stenzel	Well No.	#1	Location				Ness City, HW, 1 3/4 N, W/S	County	Ness	State	KS.			

Contractor	Emphasis Rig #7		
Type Job	Surface		
Hole Size	12 1/4"	T.D.	253'
Csg.	8 3/8"	Depth	253'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line	✓	Displace	15 bbl.
Perf.			

Owner	Same		
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Charge To	Black Diamond Oil Co.		
Street	3004 Broadway Ave.		
City	Nays	State	Ks. 67601
The above was done to satisfaction and supervision of owner agent or contractor			
Purchase Order No.			
X	10m Ah		

EQUIPMENT

Pumptrk # 46	No.	Cementer	Jim
		Helper	Kris
Pumptrk # 96	No.	Cementer	
		Helper	
Bulktrk # 96		Driver	Bill
		Driver	

DEPTH of Job

Reference:	Pumptrk Charge	360.00
6	Pumptrk Mileage	12.00
1	8 3/8 wooden Plug	40.00
	Sub Total	
	Tax	
	Total	412.00

Remarks: Ran 253' of 8 3/8" csg. Mixed 150 sks 60/40.3oz. Pumped Plug to 239' with fresh water. Cement did circulate.

CEMENT

Amount Ordered	150 sks 60/40.3oz cc, 290 gal,		
Consisting of			
Common	90	5.00	450.00
Poz. Mix	60	2.25	135.00
Gel.	3	6.75	NIC
Chloride	5	20.00	100.00
Quickset			
Handling	150	.90	135.00
Mileage	6	Min	40.00
		Sub Total	
		Total	860.00

Floating Equipment	
Total	\$ 1272.00
Disc	- 254.40
	\$ 1017.60

T. Thomas

NEW CODE 813
PHONE
27, Russell, Kansas
6-793-5861, Great Bend, Kansas

15-135-23486-0000

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

NO. 7039

Home Office P. O. Box 31 Russell, Kansas 67665

Date: 8-24-90
Sec: 17
Twp: 18
Range: 24
Called Out: 7:30 PM
On Location: 9:30 PM
Job Start: 10:30 PM
Finish: 12:15 PM

Lease: 57 acre
Well No: 114N
Location: Ness 4W 14N
Country: Ness
State: KS

Contractor: E. Mohr
Owner: SAAC

Hole Size: 7 7/8
Depth: 4760

Csg. Tbg. Size: 4 1/2

Drill Pipe: 2 3/4

Tool: 2 3/4

Cement Left in Csg.:

Press Max.:

Meas Line:

Perf.:

Charge To: Black Diamond Oil - Inc

Street: 3004 Broadway Ave.

City: Ness, KS 67601

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No. Tom Alm

CEMENT

EQUIPMENT

No. 46	Cementor	Ken
	Helper	JB Luby
No. 199	Driver	BJ
	Driver	

Amount Ordered	205 60/40 6 9/16 1/4 #10 seal		
Consisting of			
Common	123	5.00	615.00
Poz. Mix	82	2.25	184.50
Gel.	12	6.75	81.00
Chloride			
Quickset			
	Fl Seal 51	.60	30.60
		Sales Tax	
Handling	205	.90	184.50
Mileage	6	Min	40.00
		Sub Total	
		Total	1135.60

DEPTH of Job

Reference	Rate	Amount
6 mi. lease		360.00
8 5/8" OHP		12.00
		20.00
	Sub Total	
	Tax	
	Total	392.00

TOTAL \$ 1527.60

Disc - 305.52

\$ 1222.08

Remarks: 2nd 990' 80.50
3rd 270' 40.00
4th 40' 10.50 10.50 M.H.
1550 R.H.

Thank you