

Confidentiality Requested:

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1189739

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
	If Alternate II completion, cement circulated from:
Operator:	
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion     Permit #:	Dewatering method used:
SWD     Permit #:	Location of fluid disposal if hauled offsite:
ENHR     Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Permit #:

### AFFIDAVIT

I am the affiant and I hereby certify that 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.

### Submitted Electronically

KCC Office Use ONLY			
Confidentiality Requested			
Date:			
Confidential Release Date:			
Wireline Log Received			
Geologist Report Received			
UIC Distribution			
ALT I II III Approved by: Date:			

	Page Two	1189739
Operator Name:	Lease Name:	Well #:
Sec TwpS. R	County:	
INCTDUCTIONS: Chave important tang of formations panetrated. Do	tail all aaroa Bapart all final	conice of drill stome tests giving interval tested time test

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, 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
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth						

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth		
TUBING RECORD:	Siz	e: Se	t At:	Packer	r At:	Liner R		No	
Date of First, Resumed	Productio	on, SWD or ENHR.	Producing		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI		۵S		METHOD				PRODUCTION IN	TER\/AL·
Vented Sold	_	Ised on Lease	Open Hole	Perf.	Dually	Comp.	Commingled		
(If vented, Sul	bmit ACO-	-18.)	Other (Speci	ify)	(Submit /		(Submit ACO-4)		

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Dufford 2-32
Doc ID	1189739

All Electric Logs Run

Dual Induction
Density -Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion	
Operator	Vincent Oil Corporation	
Well Name	Dufford 2-32	
Doc ID	1189739	

## Tops

Name	Тор	Datum
Heebner Shale	4398	(-1815)
Brown Limestone	4535	(-1952)
Lansing	4546	(-1963)
Stark Shale	4900	(-2317)
Pawnee	5128	(-2545)
Cherokee Shale	5176	(-2593)
Base Penn Limestone	5288	(-2705)
Mississippian	5346	(-2763)
RTD	5450	(-2867)

Form	ACO1 - Well Completion
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Doc ID	1189739

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface Casing	12.25	8.6250	23	650	60/40 POZ & Common	300	0-8% Gel, 2-3% CC & 1/4# Flo-seal/sx
Production Casing	7.8750	4.5	11.6	5420	Pro-C	175	5# Kol- seal/sx

# 059989

**ALLIED OIL & GAS SERVICES, LLC** Federal Tax 1.D.# 20-5975804 REMIT TO P.O. BOX 93999 SERVICE POINT: SOUTHLAKE, TEXAS 76092 Medicine Lodge Kr SEC.32 CALLED OUT TWP 295 RANGE ON LOCATION JOB START 74 11:30 pm DATE /0.22-2013 2:00 PM COUNTY Fora WELL # 2-32 LOCATION Havy S4 & Clark Co. Line LEASE DU FRONS OLD OR NEW (Circle one) 112 n. Yow, Slinco CONTRACTOR DUKe #1 Sulface TYPE OF JOB T.D. 653' CEMENT HOLE SIZE 1244 844 CASING SIZE DEPTH 653 **TUBING SIZE** DEPTH DRILL PIPE DEPTH a TOOL DEPTH PRES. MAX 1000 MINIMUM MEAS. LINE SHOE JOINT 42 POZMIX 0 CEMENT LEFT IN CSG. GEL @ 95× PERFS. CHLORIDE DISPLACEMENT 39 1/2 bbis of Freshweren ASC @ ALN #2 175sr EOUIPMENT @ Floses) 44 E @ **PUMP TRUCK** CEMENTER Darin Frankling ര HELPER SCOTT Prisse #358-555 @ BULK TRUCK 0 DRIVER Douis #561-553 Felicon @ **BULK TRUCK** @ DRIVER HANDLING 488. 30 auto MILEAGE 504,00 TUNAL **REMARKS:** P: pe on bottom & bresk Greutener, pump 3bhis weter ghear, muse 1755+ less cement, mix 1255-SERVICE 49:1 Cement, Shut down, Relesse 91.2, Start displacement, Slow rate 97 30 bbis lump Ques 42351/2 bhis, 150.700 851 Shut in , cement die Circuis CHARGE TO: Vincent ON CON STREET \_\_\_\_ STATE \_ ZIP\_ CITY\_\_\_\_\_

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME XMike Godfrey
SIGNATURE Male Hoghy
Thank You !!

OWNER VINCENT O'L CO. AMOUNT ORDERED 1750, 60: 40: 80% 601 3% act V4 # flasmi, 12534 81955 p+2 COMMON<u>CIGSS p 12555 @ 17,96 2,237,50</u> @ 64,00 576.00 @ 15.98 @ 2.48 1211,48 10 1310,40 TOTAL 8,257,31

DEPTH OF JOB 653'		
PUMP TRUCK CHARGE		2058,50
EXTRA FOOTAGE	@	
MILEAGE 35	@ 7.70	269.50
MANIFOLD Hestrenty	@	275.00
highz voher 35	@ 4.40	154.00
	0	

TOTAL 2,7.57.00

JOB FINISH

STATE

KS

2:45pm

#### **PLUG & FLOAT EQUIPMENT**

1- Rubbar Plug	@	76,25
- BGEFFF PISTE	@	67.50
•	@	
	@	
1	@	

TOTAL 143.75

SALES TAX (If Any) -

DISCOUNT \_ \_\_\_\_ IF PAID IN 30 DAYS

Nex \$7124,30

# QUALITY WELL SERVICE, INC. Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410 Fax 620-672-3663

T.

64

### **Rich's Cell 620-727-3409** Brady's Cell 620-727-6964

6038

Date /1-2-13522924FoeKs6:15 pm12:15 pmLease DiffloringWell No. 2-32LocationBloom Ks31/2 $\omega$ 5 i/doContractorDakeDaleHOwnerTo Quality Well Service, Inc.You are hereby requested to rent comenting equipment and furnish comenter and hereby requested to rent comenting equipment and furnish comenter and hereby requested to rent comenting equipment and furnish comenter and hereby requested to rent comenting equipment and furnish comenter and hereby requested to rent comenting equipment and furnish comenter and hereby requested to rent comenting equipment and furnish coment and hereby requested to rent comenting equipment and furnish coment and hereby requested to rent comenting equipment and furnish coment and hereby requested to rent comenting equipment and furnish coment and supervision of owner agent or contractor.Meas LineDepthStreetCityStateCement Left in Csg.Shoe Joint//o.10The above was done to satisfaction and supervision of owner agent or contractor.Meas LineDisplaceG3.81 KMCement Amount OrderedZ25 kgKsPumptrixNo.GelPoz. MixBuiktrixNo.GelPoz. MixBuiktrixNo.GelPoz. MixBuiktrixNo.GelPoz. MixBuiktrixNo.GelPoz. MixBuiktrixNo.GelPoz. MixBuiktrixNo.GelPoz. MixBuiktrixNo.GelPoz. MixBuiktrixNo.GelPoz. Mix <th></th> <th>Sec.</th> <th>Twp.</th> <th>Range</th> <th>(</th> <th>County</th> <th>State</th> <th>On Location</th> <th>Finish</th>		Sec.	Twp.	Range	(	County	State	On Location	Finish
Contractor       Oxfer       Owner         Type Job       All       LS         Hole Size       72/8       T.D.       S155         Contractor       Outling Well Service, Inc.       You are hereby requested to rent cementing equipment and furnish comenter and helper to assist owner or contractor to do work as listed.         Csg.       All2       IL       Depth       S152         Tog.       Size       Depth       Street         Tool       Depth       City       State         Cement Left in Csg.       Shoe Joint       /6./O       The above was done to satisfaction and supervision of owner agent or contractor.         Mease Line       Displace       B3.81,8/N       Cement Amount Ordered       Z2.5         Bulktrk       No.       State       Cement Amount Ordered       Z2.5         Bulktrk       No.       Gel.       Pickup       No.         JOB SERVICES & REMARKS       Hulls       Salt       Z4         Baskets       Mud CLR 48       S.0 9.4L       Sol         Mouse Hole       Z2.5       Sand       C1.1       Zgul         Contralizers       I-3.5 - 7-9.1/       Kol-Seal       ///25'       Baskets         Mud CLR 48       S.0 9.4L       DV or Port Collar	Date /1-2-13	32	29	Z4	TO	20	KJ	6:15 P.M	12:15 A.M
Owner       Type Job 4/12     LS       Type Job 4/12     T.D.       Osg. 4/12     IL       Delsize     Depth       Size     Depth       Tool     Depth       City     State       Cement Left in Csg.     Shoe Joint       How Size     Displace       Builtit     No.       Builtit     Calcium       JOB SERVICES & REMARKS       Hulls       Rat Hole     Soc.       Sait     Z4       Mouse Hole 2.0 Sk       Flow	Lease DUFFORD	W		2-32	Locatio	n Bloom	n Ks 31/2	W Sills	>
The base       You are hereby requested to reac commenting equipment and furnish the size 77/8       TD. 5455         You are hereby requested to assist owner or contractor to do work as listed.       Charge       Vincent Output of a solid owner or contractor to do work as listed.         Casp. 412       114       Depth       Street         Tool       Depth       Street         Tool       Depth       Cement Left in Csg.       Shoe Joint /6./D         Meas Line       Displace       B3.81 BM       Cement Amount Ordered       Z254 Hb         Pumptrk       No.       Provide the statistic on and supervision of owner agent or contractor.         Meas Line       Displace       B3.81 BM       Cement Amount Ordered       Z254 Hb       C         Pumptrk       No.       Pole H1400       Poz. Mix       Builtrix       Builtrix       Builtrix       Builtrix       Builtrix       Builtrix       Builtrix       Builtrix       Builtrix       Baskets       Builtrix       Baskets       Builtrix       Builtrix       Builtrix       Baskets       Builtrix       Baskets	Contractor DIKE	Dela	#1-						
Hole Size       77/8       T.D.       S4350       cementer and helper to assist owner or contractor to do work as listed.         Csg.       412       14       Depth       Street         Tod       Depth       Street       Commenter and helper to assist owner or contractor to do work as listed.         Tod       Depth       Street       Commenter and supervision of owner agent or contractor.         Meas Line       Displace       03.8       Rbl. Cement Amount Ordered       Z2.5 & C         EQUIPMENT       D/S SALE Street       Cement Amount Ordered       Z2.5 & C         Builtitk       No.       9       CHAD       Poz. Mix         Builtitk       No.       9       CHAD       Contalis      <	Type Job 412 L.S					To Quality We You are here	ell Service, Inc.	cementing equipmen	t and furnish
Cost       To       VITICAT Cit Cost         Tod       Depth       Street         Tod       Depth       City       State         Cement Left in Csg.       Shee Joint       /6./0       The above was done to satisfaction and supervision of owner agent or contractor.         Meas Line       Displace       Ø3.818.00       Cement Amount Ordered       Z254.00       Proc. C         EQUIPMENT         Pumptrk       No.       9       Nit KE       Generit Amount Ordered       Z254.00       Fragment         Bulktrk       No.       9       Nit KE       Generit Amount Ordered       Z255       E         Bulktrk       No.       9       Nit KE       Generit Amount Ordered       Z255       E         Bulktrk       No.       9       Othor       Calcium       E       E       E         JOB SERVICES & REMARKS       Hulls       Salt       Z4       E	Hole Size 77/8		T.D.	5450		cementer an	d helper to assist own	ner or contractor to d	o work as listed.
Instrum     Justice       Tool     Depth     City       Cement Left in Csg.     Shoe Joint     /6./0       Meas Line     Displace     B3.8 fsb.       Cement Amount Ordered     ZZS & Po. C       EQUIPMENT       Pumptrk     No.       9     Mirke     General Amount Ordered       ZZS & Po. C     EQUIPMENT       Pumptrk     No.       9     Mirke       Bulktrk     No.       9     CitAO       Poz. Mix       Bulktrk     Gel.       Pickup     No.       9     Calcium       JOB SERVICES & REMARKS       Hulls       Rat Hole     30xx       Salt     Z4       Mouse Hole     30xx       Salt     Z4       Mouse Hole     20 xx       Centralizers [-3.5-7-9.1/     Kol-Seal //25 '       Baskets     Mud CLR 48       Sand     Sand       Sand     Sand <t< td=""><td>Csg. 412 116</td><td></td><td>Depth</td><td>5427.5</td><td>)</td><td>Charge V</td><td>incent O.L</td><td>CORP</td><td></td></t<>	Csg. 412 116		Depth	5427.5	)	Charge V	incent O.L	CORP	
Cerement Left in Csg.     Shoe Joint     /6./0     The above was done to satisfaction and supervision of owner agent or contractor.       Meas Line     Displace     Ø. 87 B.M.     Cernent Amount Ordered     Z25 g. P. 6. C       EQUIPMENT       Pumptrk     No.     Ø. All KE     Gelment Amount Ordered     Z25 g. P. 6. C       Bulktrk     No.     Ø. All KE     Gelment Amount Ordered     Z25 g. P. 6. C       Bulktrk     No.     Ø. All KE     Gelment Amount Ordered     Z25 g. P. 6. C       Bulktrk     No.     Ø. All KE     Gelment Amount Ordered     Z25 g. P. 6. C       Bulktrk     No.     Ø. All KE     Gelment Amount Ordered     Z25 g. P. 6. C       Bulktrk     No.     Ø. All KE     Gelment Amount Ordered     Z25 g. P. 6. C       Bulktrk     No.     Ø. C. HAOD     Poz. Mix     Bulktrk       Bulktrk     No.     Ø. C. HAOD     Poz. Mix       Bulktrk     No.     Ø. C. HAOD     Calcium       JOB SERVICES & REMARKS       Hulls     Rat Hole     30.5.       Baskets     Mud CLR 48     S.D. 94 -       D/V or Port Collar     CFL-117 or CD110 CAF 38       Ksh     J.B. All K. Like Kag     Sand       SEL 1     Handling     Z49       I String Chap <t< td=""><td>Tbg. Size</td><td></td><td>Depth</td><td></td><td></td><td>Street</td><td></td><td></td><td></td></t<>	Tbg. Size		Depth			Street			
Meas Line       Displace $03$ $03$ $04$ Cernent Amount Ordered $22.5 \le 10^{\circ}$ $04$	Tool		Depth			City		State	
EQUIPMENT     D/b SALF S*/s Gilson te       Pumptrk     No     9     Mike     Gehrind     22.5       Bulktrk     No     9     CHAD     Poz. Mix       Bulktrk     No     9     CHAD     Poz. Mix       Bulktrk     No     9     CHAD     Poz. Mix       Bulktrk     No     9     Chalson te       JOB SERVICES & REMARKS     Hulls     Gel.       Pickup     No     7000     Calcium       JOB SERVICES & REMARKS     Hulls     Gel.       Rat Hole     335x     Salt     Z4       Mouse Hole     20 Sx     Flowsoel     CC-1     7 gll       Centralizers / - 3 - S - 7 - 9 //     Kol-Seal     //25 f       Baskets     Mud CLR 48     SD 9 gll       D/V or Port Collar     CFL-117 or CD110 CAF 38       RA     H's 4 lk 11.6 f     Gag       Sand     Sand       SEL 3     Handling Z49       I ±+ 16.10     Deg 6 SHOE # AFU HASEL       Mileage     6S       Csg on Bottom Desp Ball Break Ciec     4 lk FLOAT EQUIPMENT       Willig     I he       Guide Shoe I EA       Plog R- M holes       Nic & pomp 11554     Plog       Non Reterve Plog       Whe petit Mines	Cement Left in Csg.		Shoe Jo	pint 16.10		The above wa	s done to satisfaction ar	nd supervision of owner	agent or contractor.
Pumptrk       No.       Print E       Generation       Z25         Bulktrk       No.       Poz. Mix       Poz. Mix         Bulktrk       No.       Gel.       Pickup         Pickup       No.       DOB SERVICES & REMARKS       Hulls         Baskets       Hulls       Salt       Z4+         Mouse Hole       Z5 ×       Flowcoal       CC-1       7 gal         Centralizers       I-3-5-7-9.1/       Kol-Seal       I/25*         Baskets       Mud CLR 48       SD gau       DV         DV or Port Collar       CFL-117 or CD110 CAF 38       Salt       Sand         Stat       I is 4 k II.6*       Sand       Salt       Sand         Stat       I is 5 k D02 k. AFU isstel       Mileage       65         Cayon       Baster       Guide Shoe       I is 4       I is 5 k D02 k. AFU isstel         Vis 1       International isstel       Mileage       65       Guide Shoe       I isstel         Cayon       Baskets       Guide Shoe       I ist       EA       Plog isstel       Plog isstel       EA         Plog is 1       Baskets       Baskets       Baskets       Baskets       Baskets       AFU inserts       EA		_		e 63.87	BUL	Cement Amo	ount Ordered 22	Sty Pool	
Pumptik       Price       Demindent       2205         Bulktrik       No.       Gel.       Poz. Mix         JOB SERVICES & REMARKS       Hulls       Rat Hole       Poz. Mix         JOB SERVICES & REMARKS       Hulls       Rat Hole       Poz. Mix         Mouse Hole       25 Sx       Flowscell       CC-1       T.gel.         Centralizers       1-3-5-7-9-11       Kol-Seal       1/25"       Baskets         DV or Port Collar       CFL-117 or CD110 CAF 38       Sand       Sand         Stat       Stat       Sand       Sand       Sand         Stat       JLS       AFU 11.6" CSG       Sand       Sand         Stat       JLS       Deg 6.5 Aoz f. Aru 1.ast/l       Mileage 6.5       Sand         Stat       JLS       Deg 6.5 Aoz f. Aru 1.ast/l       Mileage 6.5       Sand         Lash       Deg 6.5 Aoz f. Aru 1.ast/l       Mileage 6.		EQUIPM	IENT	5/11		12/2 501.		an.te	
Buiktrik     No.     Gel.       Buiktrik     No.     Gel.       JOB SERVICES & REMARKS     Hullis       Rat Hole     Salt     Z4       Mouse Hole     Z3 SK     Salt       Centralizers     -3-5-7-91/     Kol-Seal       DV or Port Collar     CFL-117 or CD110 CAF 38       Rand     Start     CFL-117 or CD110 CAF 38       Rand     Start     Handling       Z49     Handling     Z49       DV or Port Collar     CFL-117 or CD110 CAF 38       Rand     Start     Start       Start     Jactic Carl     Guide Start       Galde Shot     Artu Instalt     Mileage       Start     Jactic Carl     Guide Shot       Late     Jactic Carl     Guide Shot       Jactic Carl     Jactic Carl     Jactic Carl       Jactic Carl     Jactic Carl     Jactic Carl       Jactic Carl     Calcium     Calcium       DV or Port Collar     CFL-117 or CD110 CAF 38       Rand     Start     Sand       Start     Handling Z49       Late     Guide Shot       Carlos     Guide Shot       Carlos     Baskets       Data     Data       Data     Data       Data     Start </td <td>Pumptrk</td> <td>3</td> <td></td> <td></td> <td></td> <td>Germon</td> <td>225</td> <td></td> <td></td>	Pumptrk	3				Germon	225		
Builting     No.     TOD     Calcium       JOB SERVICES & REMARKS     Hulls       Rat Hole     335.       Rat Hole     335.       Salt     Z4       Mouse Hole     235.       Gentralizers     -3-5-7-9-11       Baskets     Mud CLR 48       DV or Port Collar     CFL-117 or CD110 CAF 38       Rsn     H's       A's     A'k       JAF     Job Services       Mud CLR 48     SD 9.94       DV or Port Collar     CFL-117 or CD110 CAF 38       Rsn     H's       A's     A'k       Handling     Z49       I ±+ 16-10     Deg 6.5 Ho2 to Artu instal       Mileage     65       Cs9 on     Bottom       Desp Ball     Brack Cizc       A'k     FLOAT EQUIPMENT       Ulig     Ing       Ulig     Ing       Plog     R.M. Holes       Baskets     Baskets       Mick p.p.mp     155 Plas       Mick p.p.mp     155 Plas<	Buiktrk	9		CHAO		Poz. Mix			•
JOB SERVICES & REMARKS       Hulls         Rat Hole       355.         Rat Hole       355.         Salt       Z4         Mouse Hole       255.         Centralizers       -3-5-7-9-11         Baskets       Mud CLR 48         D/V or Port Collar       CFL-117 or CD110 CAF 38         Rsn       His         At a d/b       11.6 tog         Sand       Sand         SET 3       Handling         List 4/b       11.6 tog         Sand       Sand         SET 3       Handling         List 4/b       11.6 tog         Sand       Sand         SET 3       Handling         List 4/b       11.6 tog         Sand       Sand         SET 3       Handling         List 4/b       11.6 tog         Sand       Sand         Set 3       Handling         List 4/b       11.6 tog         Sand       Sand         Set 3       Guide Shoe         List 4/b       Guide Shoe         List 4/b       Set 4         List 4/b       Set 4         List 5/b       Reference	Buiktrk					Gel.			
Rat Hole     3350     Salt     24       Mouse Hole     2354     Flowered     CC-1     794L       Centralizers     1-3-5-7-9-11     Kol-Seal     1/25'       Baskets     Mud CLR 48     50994       D/V or Port Collar     CFL-117 or CD110 CAF 38       Ron     H's 41/2 11.6 '' Cag     Sand       SE4     Handling     249       1 H ·     16-13     Deg 6 Shoe # AFU inset       Mileage     65       Caspon     Baskets       Ukig     Ine       Guide Shoe     I EA       Pape 3 RbL H25 12 RbL mFlish     3 RbL H25       Centralizer     6 EA       Plog & - M holes     Baskets       Nick poorp     1.5 flogat       AFU Inserts     EA       Short Drop     Reference       I Short Plog     Flogat	Pickup No.			TOP		Calcium			
Mouse Hole     Z SX     Flower CC-1     T gal       Centralizers     -3-5-7-9-1/     Kol-Seal     //25"       Baskets     Mud CLR 48     SD 9 94       DN or Port Collar     CFL-117 or CD110 CAF 38       Ron     H's 4'k 11.6" csg     Sand       SEH     Handling     Z 49       1 H*     16-10     DEg 6 SHOE # AFU instrict     Mileage       65     Guide Shoe     1 EA       Contralizer     6 S       Cayon     Batton     Deg 6 SHOE       SEH     Handling     Z 49       1 H*     16-10     DEg 6 SHOE       Cayon     Botton     Deg 6 SHOE       Cayon     Batton     Deg 6 SHOE       Cayon     Cayon     Batton       Cayon     Cayon     SHOE       Cayon     Cayon     SHOE       Cayon     Cayon     Cayon       Cayon     Cayon     Cayon       Cayon     Cayon     Cayon </td <td>JOB SE</td> <td>RVICES</td> <td>&amp; REMA</td> <td>RKS</td> <td></td> <td></td> <td></td> <td></td> <td></td>	JOB SE	RVICES	& REMA	RKS					
Centralizers     -3-5-7-9-1/     Kol-Seal     //25'       Baskets     Mud CLR 48     SD 994       DN or Port Collar     CFL-117 or CD110 CAF 38       Run     H is 4'k 11.6' CSg     Sand       SEF 3     Handling Z49       1 H - 16.10     DE9 6 SHOE K AFU instal       Mileage     6S       Cayon Bottom Deop Ball Break Circ     4'k FLOAT EQUIPMENT       Wikig 1 he     Guide Shoe 1 EA       Phong 3 Ball Hao 12 Ball mithoh 3 Ball Hao     Centralizer       Plog 8-M holes     Baskets       Mix & pomp 1754 Pasc 0 15'/pac     AFU Inserts       Mix & pomp 1754 Pasc 0 15'/pac     Florence       Winh yo tell states     Latch Down						Salt Z4			
Baskets     Mud CLR 48 SD 994       DV or Port Collar     CFL-117 or CD110 CAF 38       Run     His Alp 11.6 csg     Sand       SEF 3     Handling Z49       1 Hr     1610     DEg 6 SHOE & AFU INSEL       Mileage     65       csg on Bottom Desp Ball Break Circ     41/2 FLOAT EQUIPMENT       Wirig I he     Guide Shoe I EA       Pomp 3 Roll H20 12 Roll mFlush 3 Roll H20     Centralizer       Plog E-M     holes       Mix & pomp 175x Pasc D 15 flagt     AFU Inserts       Kit & pomp 175x Pasc D 15 flagt     FLA       With w till s Lines     Latch Down	Mouse Hole 22 5x				!	Flowsoal	CC-1 TgAL		
D/V or Port Collar CFL-117 or CD110 CAF 38 Run Stis 4/2 11.6 CSg Sand SEt 3 Ist 16.10 Reg 6 SHOR & AFU instal Mileage 65 CS9 on Bottom Deop Ball Break Clac 4/2 FLOAT EQUIPMENT Whig I he Guide Shoe I EA Prog 3 Bob H20 12 Bbb mFLoh 3 Bbb H <sup>20</sup> Centralizer 6 EA Plog R-M holes Mist promp 175% Paper 0 15 / Jac AFU Inserts EA SHUT Drup Releave Plog Floatene I EA TOP Rubba Plog Why while Hines Latch Down	Centralizers - 3-5-	7-9-	11			Kol-Seal	125'		
Run     His 4/2 11.6 Csg     Sand       SEF )     Handling Z49       1 H = 16.10     Deg 6.5 hoe # AFU inset     Mileage 65       Csg on Bottom Deop Ball Break Circ     4/2 FLOAT EQUIPMENT       Wrig 1 he     Guide Shoe 1 EA       Poop 3 Bbb H20 12 Bbb mFlush 3 Bbb H20     Centralizer 6 EA       Plog & M holes     Baskets       Mix & pomp 1754 Pape 0 15 Mgal     AFU Inserts 1 EA       SHUT Drup Leterve Plog     Flamber 1 EA TOP Rubbez Plog       Wah p til 1 Lines     Latch Down	Baskets	_				Mud CLR 48	500996		
SEF )     Handling Z49       1 +1 · 16.10     DEG 6 SHOE * AFU instal Mileage 65       csg on Bottom Deop Ball Break Crec     41/2 FLOAT EQUIPMENT       Wrig 1 he     Guide Shoe 1 EA       Prop 3 Bbb Has 12 Bbb mFlish 3 Bbb Has     Centralizer 6 EA       Plog 8 - M holes     Baskets       Mix & pomp 175x Pasc 0 15 Hat     AFU Inserts 1 EA       SHUT Drup Kelepte Plog     Float Book       Wah p tel : Lines     Latch Down	D/V or Port Collar					CFL-117 or (	CD110 CAF 38		
1 ±1 •     16.10     DEG 6 SHOE # AFU INSECT     Mileage     6S       CSG on Bottom Deop Ball Break Crec     41/2 FLOAT EQUIPMENT       Wikig I he     Guide Shoe I EA       Poop 3 Boll Hes I2 Boll MELLIN 3 Boll Hes     Centralizer     6 EA       Plog R-M holes     Baskets       Mix & pomp 1754 Paper 0 IS#/gal     AFU Inserts     EA       SHUT Drup Reference Plog     Florence I EA TOP Rubber Plog       Wash p til - Lines     Latch Down	Kon His	4'h	2 11.6	of CSg		Sand			
CS901 Bottom Desp Ball Break Circ     41/2 FLOAT EQUIPMENT       Wig I he     Guide Shoe I EA       Pom 3 Bbb H20 12 Bbb MFLoh 3 Bbb H20     Centralizer 6 EA       Plog & M holes     Baskets       Mixt pomp 1754 Paper D 154/gal     AFU Inserts EA       SHOT Drug Kellerste Plog     Floatinger I EA TOP Rubber Plog       Wah of the Lines     Latch Down	SEFD					Handling 2	.49		
Wikig I he     Guide Shoe I EA       Pom 3 Bbb H20 12 Bbb mFlish 3 Bbb H20     Centralizer 6 EA       Plog & M holes     Baskets       Mixt pomp 1754 Pasc 0 15t/gal     AFU Inserts EA       SHUT Down     Relefice Plog       Wash p fill Lines     Latch Down	131-1612 1	Eg 6	SHOI	E & AFU IA	isert	Mileage	5		
Pom 3 Bols H22 12 Bols MThuh 3 Bols H22 Centralizer 6 EA Plog R-M holes Baskets Mixt pomp 1754 Pasc 0 15t/gal AFU Inserts EA SHUT DOWN RELEASE Plog Flog Latch Down		Desp	Ball	Berak Circ	C	41		ENT	
Plog R-M holes Mix E pomp 1754 Pase 2 ISt/gal AFU Inserts EA SHUT Drup Release Plog Floatelloe I EA TOP Rubber Plug Wash up til : Lines Latch Down						Guide Shoe	I EA		
Mix & pamp 1754 Pase 2 15t/gal AFU Inserts EA SHUT DAWD RELEASE Plag Float Place 1 EA TOP Rubber Plag Wash up til : Lines Latch Down	Kyop 3 Bbb H23	12 Bbl	s m Flos	h 3 Bble	420		6 EA		
SHUT DOWN RELEASE Plug Floateline I EA TOP Rubber Plug Which up til : Lines Latch Down	Plog R-M hol	~							
Which up tel 2 Lines Latch Down	MikEpump 17	54	Paul	D 15 19A	L	AFU Inserts			
	SHUT DOWN K	ELEAS	2 Plu	a		Fleatelase	I EA TOP	Rubber PUS	
Diso 83.37 Bbb - lotal 29 KCL		ES				Latch Down			
			otil	ZPLCL					
(725) Lift PS, 700 t LIN 65	(72) LIF+ PS 70	0 P		11					
Pumptrk Charge Longstring	Plug downg /2:0	10	1500		-	Pumptrk Cha	rge Longstring		
Release Fleip 1605 Mileage 65	KOLEASE & HELD			01205		Mileage	5		
thinks Pops Mike Ellino Calles Tax	thinks Popo M	I KE C	TIMO	1 CP	Ly!				
Z CALL Discount	× UAR		- /	PO	PAL.				
X Signature Total Charge	Signature A	uns	20-	-1				Total Charge	

RILOBITE	DRILL STEM TE	ST REP	EPORT					
	Vincent Oil Corp		32-:	29-24 Fo	ord Co			
ESTING , INC	100 Nimarket OTE 700		Dut	fford # 2	2-32			
	Wichita KS 67202		Job	Ticket: 52	2444	DST#:1	I	
	ATTN: Jim Hall		Test	t Start: 20	)13.10.30 @	07:56:46		
GENERAL INFORMATION:								
Formation:Morrow sandDeviated:NoWhipstock:Time Tool Opened:12:10:16Time Test Ended:18:42:46	ft (KB)		Tes Tes Unit	ter: (	Conventiona Chris Staats #47		le (Initial)	
Interval: 5281.00 ft (KB) To 53	809.00 ft (KB) (TVD)		Refe	erence Ele	evations:	2583.00	ft (KB)	
Total Depth: 5309.00 ft (KB) (T						2571.00		
Hole Diameter: 7.88 inches Hole	e Condition: Fair			KB t	o GR/CF:	12.00	ft	
Serial #: 6719								
Press@RunDepth: 24.51 psig			Capacity			8000.00	psig	
Start Date:         2013.10.30           Start Time:         07:56:51	End Date: End Time:	2013.10.30 18:42:46	Last Calit Time On		2013.10.30	2013.10.30 @ 12.07.01		
oter mino. 07.00.01		10.42.40	Time Off		2013.10.30			
FSI: Weak suffa	ace blow back							
Pressure vs. T			PF		RE SUMM			
		Time (Min.)	Pressure	Temp	RE SUMM			
Pressure vs. T	fmue ⊽⊒ 6791 Formendue	(Min.)	Pressure (psig) 2460.41	Temp (deg F) 111.77	Annotatic	on o-static		
Pressure vs. T	Sime 679 Separate Control Control Cont	(Min.) 0 4	Pressure (psig) 2460.41 1283.40	Temp (deg F) 111.77 111.70	Annotatic Initial Hydro Open To Fl	on o-static		
2500	Sime 679 Impostre 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Min.) (Min.) 4 33 62	Pressure (psig) 2460.41	Temp (deg F) 111.77 111.70 112.60	Annotatio Initial Hydro Open To Fl	on o-static low (1)		
230 Crossing of the same of th	Time 679 Tenpenture	(Min.) (Min.) 0 4 33 62 54	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40	Temp (deg F) 111.77 111.70 112.60 113.27 113.63	Annotatic Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To F	on o-static low (1) n(1)		
2000 1 100 1 1	Sime 679 Impostre 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Min.) 0 4 33 62 64 64 154	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40 24.51	Temp (deg F) 111.77 111.70 112.60 113.27 113.63 116.35	Annotatic Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2)	on o-static low (1) n(1) low (2)		
Pressure vs. T GYB Pressure 200 400 400 400 400 400 400 400	Sime 679 Impostre 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Min.) 0 4 33 62 64 64 154 273 273 273	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40	Temp (deg F) 111.77 111.70 112.60 113.27 113.63	Annotatic Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	on o-static low (1) n(1) low (2) n(2)		
Pressure vs. T	Sime 0'PI Tempolare 0'PI Tem	(Min.) 0 4 33 62 64 64 154 273 273 273	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40 24.51 750.80	Temp (deg F) 111.77 111.70 112.60 113.27 113.63 116.35 117.34 118.02	Annotatic Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	on o-static low (1) n(1) low (2) n(2)		
Pressure vs. T GVB Ressure 200 400 400 400 400 400 400 400	Sime 0'PI Tempolare 0'PI Tem	(Min.) 0 4 33 62 64 64 154 273 273 273	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40 24.51 750.80	Temp (deg F) 111.77 111.70 112.60 113.27 113.63 116.35 117.34 118.02	Annotatic Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	as Rate (Mcf/d)	
Pressure vs. T	Sime OPD Temperature OPD Temperature	(Min.) 0 4 33 62 64 64 154 273 273 273	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40 24.51 750.80	Temp (deg F) 111.77 111.70 112.60 113.27 113.63 116.35 117.34 118.02	Annotatic Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	as Rate (Mcf/d)	
Pressure vs. T	Sime Cri	(Min.) 0 4 33 62 64 64 154 273 273 273	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40 24.51 750.80	Temp (deg F) 111.77 111.70 112.60 113.27 113.63 116.35 117.34 118.02	Annotatic Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	as Rate (Mcf/d)	
Pressure vs. T	Sime CPB Temparare CPB Temparare	(Min.) 0 4 33 62 64 64 154 273 273 273	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40 24.51 750.80	Temp (deg F) 111.77 111.70 112.60 113.27 113.63 116.35 117.34 118.02	Annotatic Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	as Rate (Mcf/d)	
Pressure vs. T DPP Ressure 200 400 400 400 400 400 400 400	Sime CPB Temparare CPB Temparare	(Min.) 0 4 33 62 64 64 154 273 273 273	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40 24.51 750.80	Temp (deg F) 111.77 111.70 112.60 113.27 113.63 116.35 117.34 118.02	Annotatic Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	as Rate (Mcf/d)	
Pressure vs. T DVP Ressure 200 200 200 200 200 200 200 20	Sime CPB Temparare CPB Temparare	(Min.) 0 4 33 62 64 64 154 273 273 273	Pressure (psig) 2460.41 1283.40 1702.82 1774.95 20.40 24.51 750.80	Temp (deg F) 111.77 111.70 112.60 113.27 113.63 116.35 117.34 118.02	Annotatic Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	on o-static low (1) n(1) low (2) n(2) o-static	as Rate (Mcf/d)	

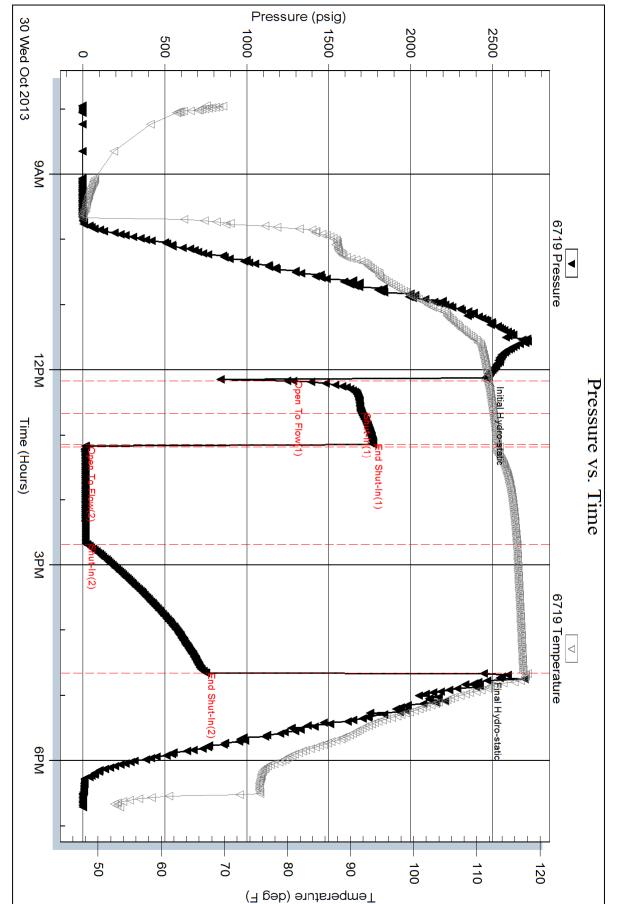
RILOBITE	Vincent Oil Corp		32-29-24	Ford Co		
TESTING , INC.	155 N Market STE 700		Dufford #	2-32		
	Wichita KS 67202		Job Ticket:		DST#	:1
	ATTN: Jim Hall		Test Start:	2013.10.30	@ 07:56:46	
GENERAL INFORMATION:						
Formation:Morrow sandDeviated:NoWhipstock:Time Tool Opened:12:10:16Time Test Ended:18:42:46	ft (KB)		Test Type: Tester: Unit No:	Conventior Chris Staa #47		lole (Initial)
nterval:         5281.00 ft (KB) To         53           Total Depth:         5309.00 ft (KB) (T	√D)		Reference I	Elevations:		0 ft(KB) 0 ft(CF)
Hole Diameter: 7.88 inches Hole	e Condition: Fair		KE	B to GR/CF:	12.0	0 ft
Serial #: 6773InsidePress@RunDepth:psigStart Date:2013.10.30Start Time:08:00:56	<ul><li>5282.00 ft (KB)</li><li>End Date:</li><li>End Time:</li></ul>	2013.10.30 18:43:06	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.0 2013.10.3	0 psig 0
TEST COMMENT: IF: Weak blow 1 ISI: No blow bac FF: Strong blow FSI: Weak surfa	k BOB 26 min					
FF: Strong blow	k BOB 26 min Ice blow back		· · · ·	JRE SUMI		
ISI: No blow bac FF: Strong blow FSI: Weak surfa	k BOB 26 min Ice blow back	Time (Min.)	PRESSU Pressure Temp (psig) (deg F	Annota		
ISI: No blow bac FF: Strong blow FSI: Weak surfa	k BOB 26 min ice blow back	(Min.) 1100 1000 1000 1000 1000 1000 1000 10	Pressure Temp (psig) (deg F	Annota		
ISI: No blow bac FF: Strong blow FSI: Weak surfa	k BOB 26 min icce blow back	(Min.) 1100 1000 1000 1000 1000 1000 1000 10	Pressure Temp (psig) (deg F	Annota	tion	Gas Rate (Mcf/d)
ISI: No blow bac FF: Strong blow FSI: Weak surfa	k BOB 26 min Icce blow back	(Min.) 1100 1000 1000 1000 1000 1000 1000 10	Pressure Temp (psig) (deg F	Annota	tion	Gas Rate (Mcf/d)

an-		DRI	LL STEM TEST RE	PORT	-		FLUID S	UMMARY
	RILOBITE	Vincer	t Oil Corp		32-29-24 F	ord Co		
	ESTING , INC		155 N Market STE 700 Wichita KS 67202			2-32		
					Job Ticket: 5		DST#:1	
		ATTN:	Jim Hall		Test Start: 2	013.10.30 @ (	07:56:46	
Mud and Cu	ushion Information							
• •	el Chem		Cushion Type:			Oil A PI:		deg API
Mud Weight: Viscosity:	9.00 lb/gal 55.00 sec/qt		Cushion Length: Cushion Volume:		ft bbl	Water Salinity	:	ppm
Water Loss:	10.39 in <sup>3</sup>		Gas Cushion Type:		DDI			
Resistivity:	0.00 ohm.m		Gas Cushion Pressure:		psig			
Salinity:	7200.00 ppm							
Filter Cake:	0.02 inches							
Recovery In	nformation							
	r		Recovery Table			I		
	Lengt ft	th	Description		Volume bbl			
		0.00	560' GIP		0.000			
		15.00	Mud with oil spots		0.168			
	Total Length:	15	.00 ft Total Volume:	0.168 bbl				
	Num Fluid Samp	les: 0	Num Gas Bombs: 0	)	Serial #:			
	Laboratory Nam		Laboratory Location:					
	Recovery Com	nents:						
Trilobite Tes	stina. Inc	R	ef. No: 52444		Printed	2013.10.30 @	2 19:08:40	

Printed: 2013.10.30 @ 19:08:40

Ref. No: 52444





Dufford # 2-32

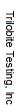
DST Test Number: 1

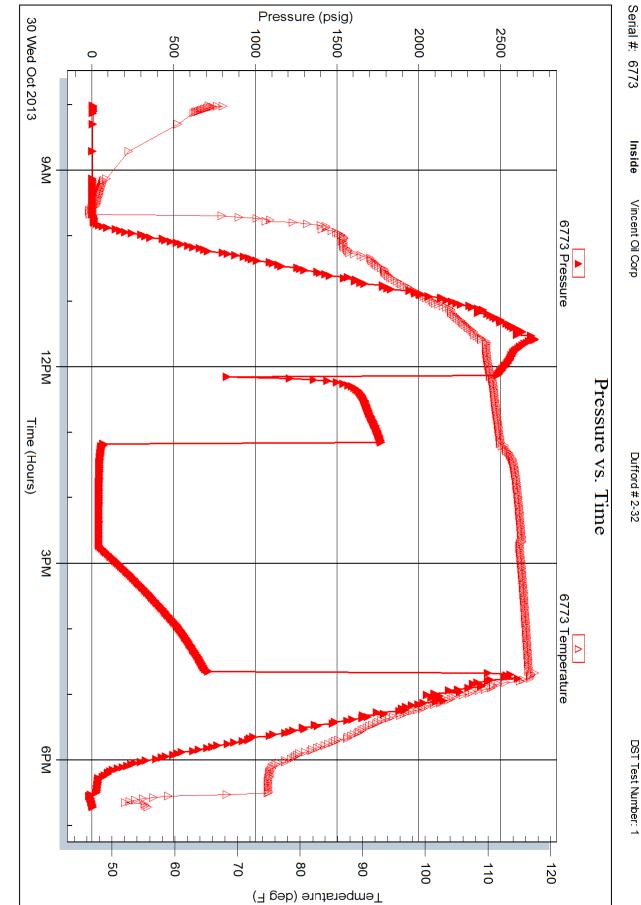
Serial #: 6719

Vincent Oil Corp

Printed: 2013.10.30 @ 19:08:40

Ref. No: 52444





DST Test Number: 1

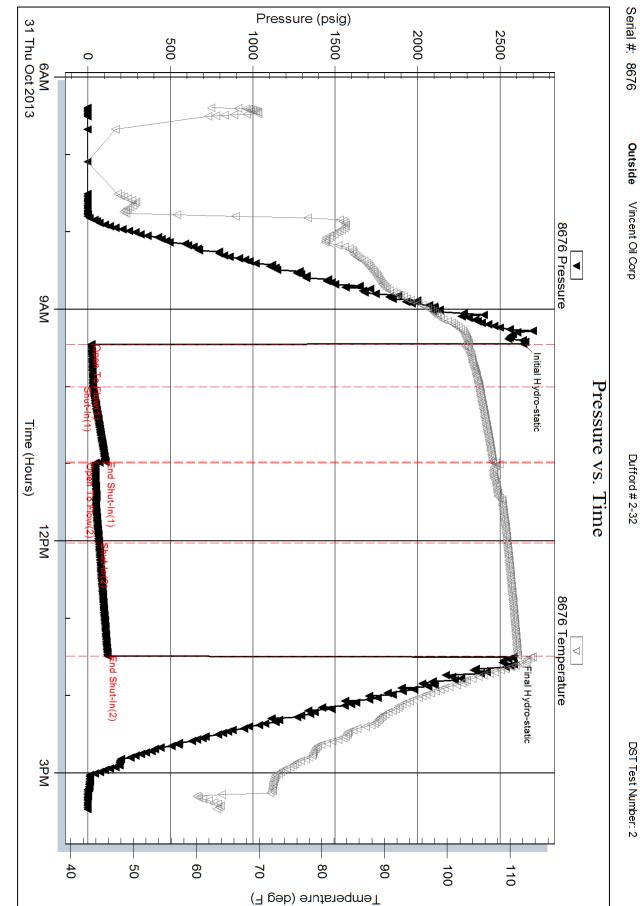
	DRILL STEM TES	ST REP	ORT			
RILOBITE	Vincent Oil Corp		32-29	-24 Ford	Со	
ESTING , INC	155 N Market STE 700 Wichita KS 67202			rd # 2-32		
				ket: 52445		
	ATTN: Jim Hall		Test St	art: 2013.	10.31 @ 06:23:2	4
GENERAL INFORMATION:						
Formation:     Morrow       Deviated:     No     Whipstock:       Time Tool Opened:     09:27:09       Time Test Ended:     15:28:09	ft (KB)		Test Ty Tester: Unit No	Chris	ventional Bottom s Staats	Hole (Reset)
Interval:5280.00 ft (KB) To5Total Depth:5349.00 ft (KB) (1Hole Diameter:7.88 inches Ho			Refere	nce Elevati KB to GF	2571.	.00 ft (KB) .00 ft (CF) .00 ft
Serial #:       8676       Outside         Press@RunDepth:       68.02 psig         Start Date:       2013.10.31         Start Time:       06:23:29         TEST COMMENT:       IF: Weak blow         ISI: No blow bar       FF: Weak blow         FF: Weak blow       FSI: No blow bar	End Date: End Time: 3/4" ck 1"	2013.10.31 15:28:09	Capacity: Last Calib.: Time On Btn Time Off Btr		8000. 2013.10. 3.10.31 @ 09:26: 3.10.31 @ 13:30:	:39
Pressure vs.	Тіте		PRE	SSURE S	SUMMARY	
STOD Presure STOD Presure STOD Presure The second state of the		Time (Min.) 0 1 34 92 93 155 243 244	Pressure         T           (psig)         (d)           2641.42         2           22.54         1           31.84         1           107.10         1           47.19         1           68.02         1           119.28         1	Femp         A           Jdeg F)         103.38         Initi           102.75         Op           105.08         Sh           107.24         Enc           107.69         Op           109.53         Sh           111.18         Enc	ial Hydro-static en To Flow (1) ut-ln(1) d Shut-ln(1) en To Flow (2)	
Recovery			· · ·	Gas R	ates	
Length (ft)         Description           40.00         MUD 100%	Volume (bbl) 0.45			Choke (inches	Pressure (psig)	Gas Rate (Mcf/d)
* Recovery from multiple tests						
Trilobite Testing, Inc	Ref. No: 52445		F	rinted: 201	3.10.31 @ 15:50	)·17

RILOBI	ITE	DRI	LL S	STEM TES	ST R	EPORT	-		FLUID	SUMMARY
		Vincen	t Oil Cor	rp			32-29-24	Ford Co		
I ESTI	NG , INC.	155 N Market STE 700 Wichita KS 67202				Dufford			_	
		ATTN:					Job Ticket		DST#:	2
		ATTN.	JIM Ha				Test Start.	2013.10.31	@ 06.23.24	
Mud and Cushion Info	rmation									
Mud Type:Gel ChemMud Weight:9.00 lbViscosity:56.00 seWater Loss:10.79 inResistivity:0.00 ofSalinity:6000.00 peFilter Cake:0.02 in	ec/qt ³ hm.m pm			Cushion Type: Cushion Length: Cushion Volume Gas Cushion Typ Gas Cushion Pre	e: pe:		ft bbl psig	Oil API: Water Sali	inity:	deg API ppm
<b>Recovery Information</b>										
				Recovery Tab	le		1			
	Lengt ft	h		Description			Volume bbl			
		40.00	MUD 1	00%			0.4	149		
Tota	al Length:	40	.00 ft	Total Volume	:	0.449 bbl				
Rec	covery Com	nents:								
Trilobite Testing, Inc		R	ef. No:	52445			Print	ted: 2013.10.3	31 @ 15:50:1	9

Printed: 2013.10.31 @ 15:50:20

Ref. No: 52445





Dufford # 2-32

	DRILL STEM TES	ST REP	ORT				
RILOBITE	Vincent Oil Corp		32-	29-24 Fo	ord Co		
ESTING , INC.	100 N Market OTE 700		Du	fford # 2	2-32		
	Wichita KS 67202		Job	Ticket: 52	2446	DST#:3	i
	ATTN: M.L Korphage/Jim Hal		Tes	t Start: 20	013.11.01 @	06:02:15	
GENERAL INFORMATION:							
Formation:MississippiDeviated:NoWhipstock:Time Tool Opened:08:36:00Time Test Ended:16:48:30	ft (KB)		Tes Tes Unit	ter:	Conventiona Chris Staats #47	al Bottom Holes	e (Reset)
Interval:5355.00 ft (KB) To54Total Depth:5429.00 ft (KB) (THole Diameter:7.88 inches Hole			Ref	erence Ele KB t	evations: to GR/CF:	2583.00 2571.00 12.00	ft (CF)
Serial #: 8676 Outside							
Press@RunDepth:         422.77 psig           Start Date:         2013.11.01           Start Time:         06:02:20	<ul> <li>5356.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2013.11.01 16:48:30	Capacity Last Calil Time On Time Off	b.: Btm: :	2013.11.01	8000.00 2013.11.01 @ 08:34:15 @ 13:35:15	psig
TEST COMMENT: IF: Strong blow I ISI: Weak blow b FF: Strong blow FSI: Strong blow	ack 4" BOB 5 sec back BOB 1 min	1					
TICSSILC VS. J 8678 Presure	ILLUC ▼ 86076 Temperature	Time	Pressure	Temp	RE SUMM		
200	Failty and 1	(Min.)	(psig)	(deg F)			
	110	0	2685.11 109.47	102.18 103.90			
2000		36	326.15	115.59	Shut-In(1)		
		90	1465.59 489.23		End Shut-I Open To F		
		182	422.77	118.84	Shut-In(2)		
		300 301	1508.67 2585.81	123.13 115.55			
avau 94au 12 FriNov 2013 Time (Hous)	M 374				o Dotoo		
Length (ft) Description	Volume (bbl)			Ga Choke (i	s Rates	ure (psig) Ga	s Rate (Mcf/d)
60.00 G,M 5%gas 95%mud	0.67			1			. ,
558.00 G,M,O 5%gas 20% mud	75%oil Fluid did 6.27						
372.00 M,G,O 5%gas 5%mud 9							
0.00 GTS	0.00						
* Recovery from multiple tests							

	RILOBITE		DRILL STEM TEST REPORT FLUID SUMMAR						
範	ESTING , INC	Vincer	Vincent Oil Corp 155 N Market STE 700 Wichita KS 67202			32-29-24 F	ord Co		
	ESTING, INC					Dufford #	-		
					Job Ticket: 5		DST#:3		
		ATTN:	TN: M.L Korphage/Jim Hal		Test Start: 2013.11.01 @ 06:02:15				
lud and Cushi	on Information								
lud Type: Gel Ch				Cushion Type:			Oil A PI:	32 deg A Pl	
ud Weight:	9.00 lb/gal			Cushion Length:		ft	Water Salinity:	ppm	
iscosity:	55.00 sec/qt			Cushion Volume:		bbl			
/ater Loss:	10.38 in <sup>3</sup>			Gas Cushion Type:					
esistivity:	0.00 ohm.m		(	Gas Cushion Pressure	:	psig			
alinity: 72 Iter Cake:	200.00 ppm 0.02 inches								
ecovery Inforr	nation			Recovery Table					
				-			7		
	Leng ft			Description		Volume bbl			
		60.00	G,M 5%	gas 95%mud		0.674	4		
		558.00	1	%gas 20% mud 75%			-		
		372.00	1	i%gas 5%mud 90%oil	Fluid did unloa		-		
		0.00	GTS			0.000	0		
	Total Length:		.00 ft	Total Volume:	11.117 bbl				
	Num Fluid Sam			Num Gas Bombs:	0	Serial #	<u></u>		
	Laboratory Nar			Laboratory Location	า:				
	Recovery Com	ments:							

Printed: 2013.11.01 @ 17:18:06

50

60

70

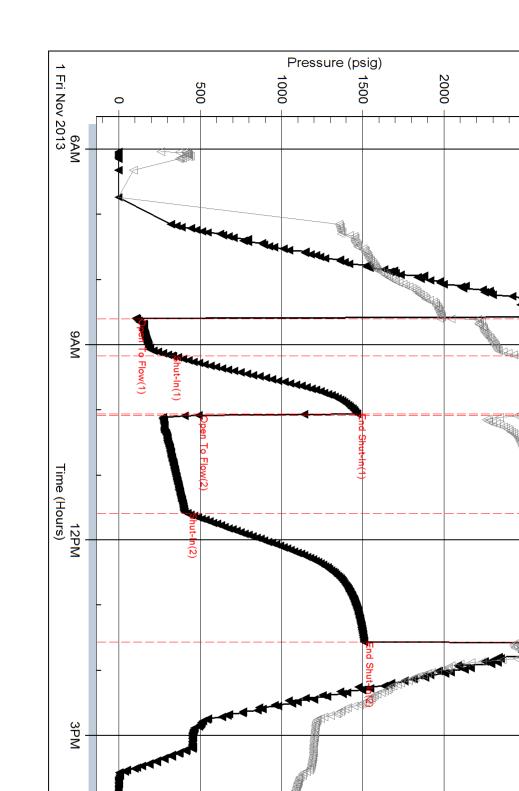
80

80

Temperature (deg F)

Ref. No: 52446

Trilobite Testing, Inc



DST Test Number: 3

Serial #: 8676 Outside Vincent Oil Corp

▼ 8676 Pressure

Initial Hydro-static

2500

Dufford # 2-32

Pressure vs. Time

\_\_\_\_ 8676 Temperature

Final Hydro-static

120

110

100

### LITHOLOGY STRIP LOG WellSight Systems

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name:VINCENT OIL CORP. DUFFORD #2-32<br/>Location:Location:NW NW NE SEC. 32-T29S-R24W, FORD CO. KANSASLicense Number:15-057-20915-00-00Spud Date:10/22/13Surface Coordinates:110' FNL, 2,660' FEL

**Bottom Hole Coordinates:** 

Ground Elevation (ft):	2,571' K.B. Elevation (ft): 2,583'
Logged Interval (ft):	4,250' To: 5,450' Total Depth (ft): 5,450'
Formation:	Mississippi
Type of Drilling Fluid:	NATIVE MUD TO 3,788'. CHEMICAL GEL TO RTD
	Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.cor

### OPERATOR

Company: VINCENT OIL CORP. Address: 155 N. MARKET STE 700 WICHITA, KANSAS 67202-1821 OFFICE; 316-262-3573

### GEOLOGIST

Name: Jame R. Hall Well Site Supervision Company: Black Gold Petroleum Address: 5530 N. Sedgwick Wichita, Kansas 67204-1828 316-838-2574 Comments

Drilling contractor: DUKE DRILLING, Rig #1, Tool Pusher: Mike Godfrey.

Surface Casing: 8 5/8" set at 650' w/300sx, cement, did circulate.

Daily Activity: 10/21/13; Move on location. 10/22/13; Spud and drilling @ 452'. 10/23/13: 07:00 drilling @ 1.177'. 10/24/13; 07:00 drilling @ 2,420'. 10/25/13; 07:00 drilling @ 3,254' 10/26/13; 07:00 drilling @ 3,985'. 10/27/13; 07:00 Tripping For NB#3 @ 4,526', strap 2.53' long to the board. 10/28/13; 07:00 drilling @ 4,924. 10/29/13; 07:00 drilling @ 5,162', Circulated Pawnee @ 5,152', no show, made 30 std short trip then drilled ahead. 10/30/13; 07:00 5,309' tripping out for DST #1 5,281 - 5,309 (28' anchor) Upper Sand. @ 5,198 trip for NB #4, Circulated Base/Penn. @ 5,290' no show. 10/31/13; 07:00 5,349' tripping out for DST #2 (Lower Sand) 5,280' - 5,349' (69'). After DST #1, condition hole then drilled ahead. Circulate Lower Sand @5,334'. Circulated Lower Sand @ 5,349' (07:00 depth). 11/1/13; 07:00 5,429 running DST #3 (Miss.) 5,355' - 5,429' (74'), Circulated samples at 5,365' and 5,429'. 11/2/13; 07:00 5,450' (RTD), running open hole logs at report time. Will condition hole and run 4 1/2" casing later today. Deviation Surveys: 1.0 @ 653', 1.0 @ 1,177', 1.0 @ 1,680', 0.5 @ 2,217', 0.75 @ 4,526', 1.0 @ 5,309', 1.0 @ 5,450'.

Bit Record:

#1 12 1/4" out @ 653'.

#2 7 7/8" Varel HE 21 in @ 653', out @ 4,526', made 3,873' in 82hrs.

#3 7 7/8" RR Varel HE 29 in @ 4,526', out @ 5,198' made 672' in 36.5hrs.

#4 7 7/8" Varel HE 29 in @ 5,198', out @ 5,450' made 252' in 18.25hrs.

Drilling time commenced: @ 4,250'. Minimum 10' wet and dry samples commenced: @ 4,300' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Blue Stem Lab unit #0258. Digital IBall equipment, drilling time and gas data placed on the Plotted Geo. Report.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,788', Mud Engineer: Justin Whiting.

DST's; Trilobite Testing Inc. Tester: Chris Staats (Pratt office).

Open Hole Logs: Nabors Completion & Production Services Co. Hays Kansas, Logging Engineer: Jason Cappellucci. DIL, CDL/CNL/PE, MEL/SON.

Reference Wells; "A" Vincent Dufford #1-32 NE/4 32-T29S-24W and "B" Vincent Shelor #1-33 NW/4 33-29S-24W. Datum differences are shown on the Geological Strip Log.

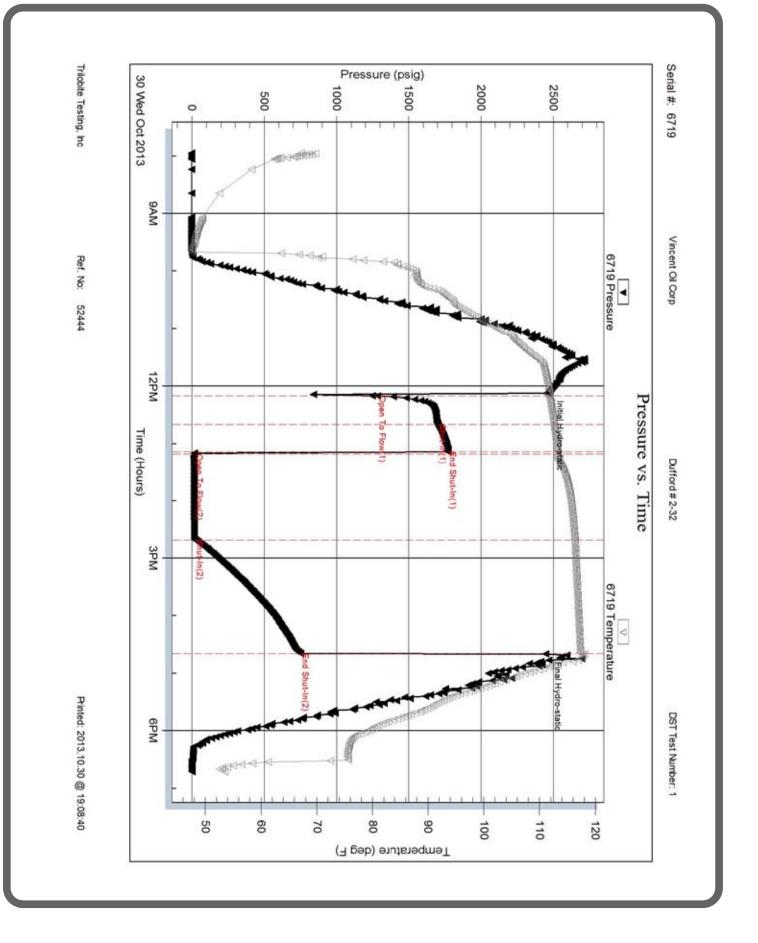
Tops show on this strip log, are e-log tops. The drilling data has been shifted 2' to match the open hole logs, for better correlation.

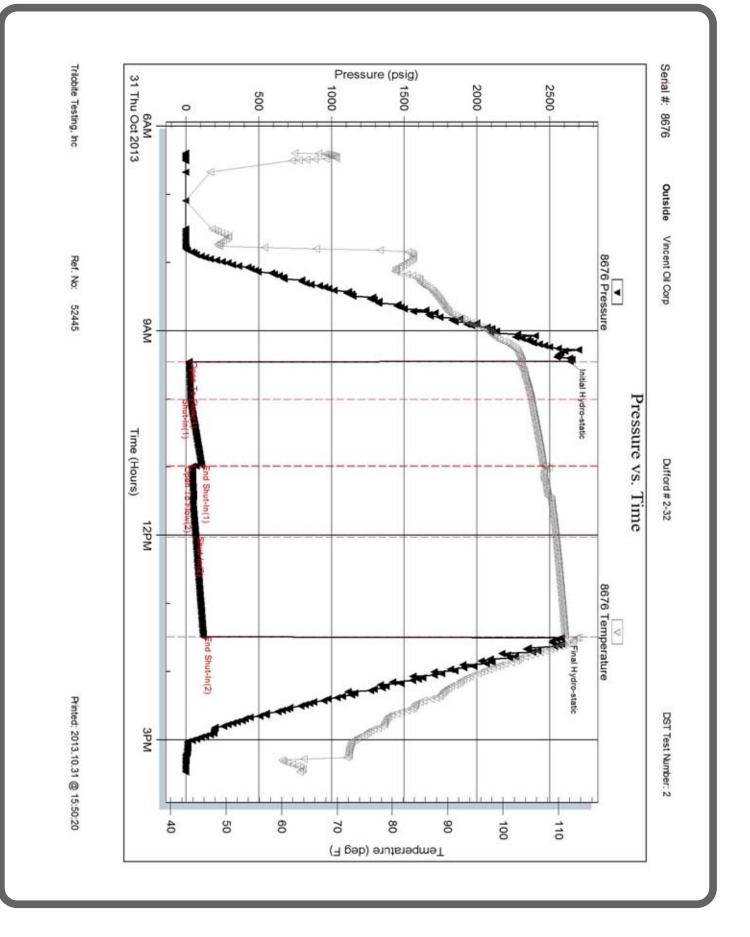
# DST #1 (Upper Sand), 5,281' - 5,309' (28'), 30-60-90-120, IH 2460, IF 1283-1702 (weak 1/4" blow), ISI 1774 (no blow), FF 20-24 (BOB 26min), FSI 750 (no blow), FH 2446, Rec; 560' GIP, 15' mud with oil spots, BHT 118 F.

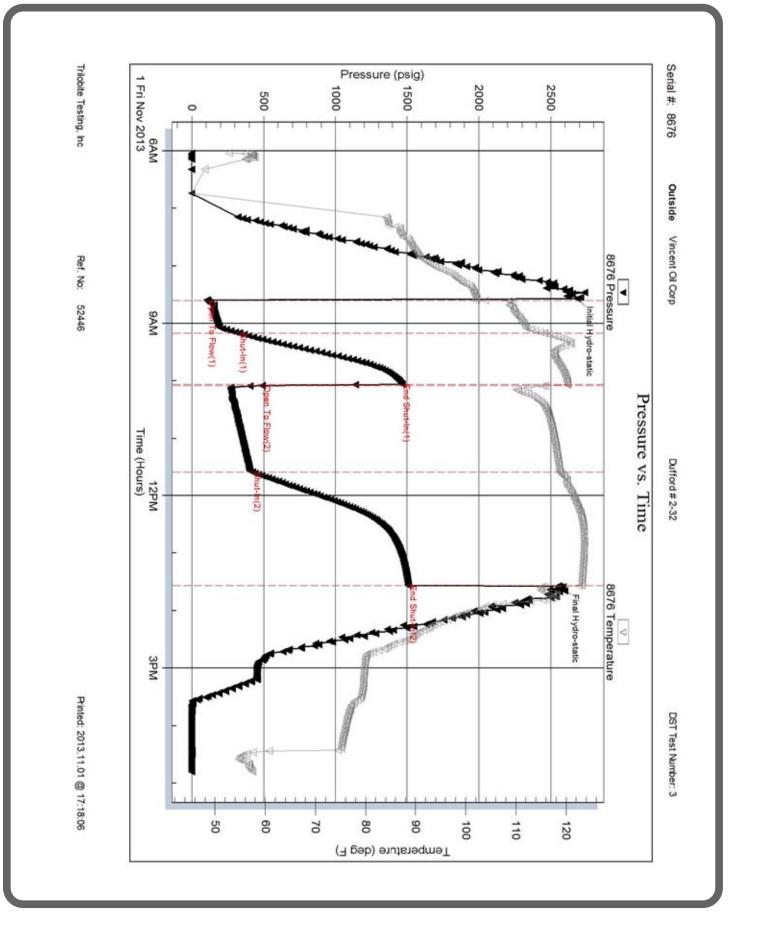
DST #2 (Lower Sand), 5,280' - 5,349' (69'), 30-60-60-90, IH 2641, IF 22-31 (13/4"blow), ISI 107 (no blow), FF 47-68 (1"blow), FSI 119 (no blow), FH 2580, Rec; 40' mud, BHT 111 F.

DST #3 (Miss.) 5,355' - 5,429' (74'), 30-60-90-120, IH 2685, IF 109-326 (BOB 3min,GTS 25min TSTM), ISI 1465 (4" Blow), FF 422-489 (BOB 5sec., Gas rate TSTM, took gas sample, yellow flame), FSI 1508 (BOB 1min), FH 2585, Rec; 4,366' GIP, 60' GM (5%gas,95%mud), 558' GMO (5%gas,75%oil,20%mud), 372' MGO (5%gas,90%oil,5%mud), Oil 32deg., BHT 121 F.

### DSTs

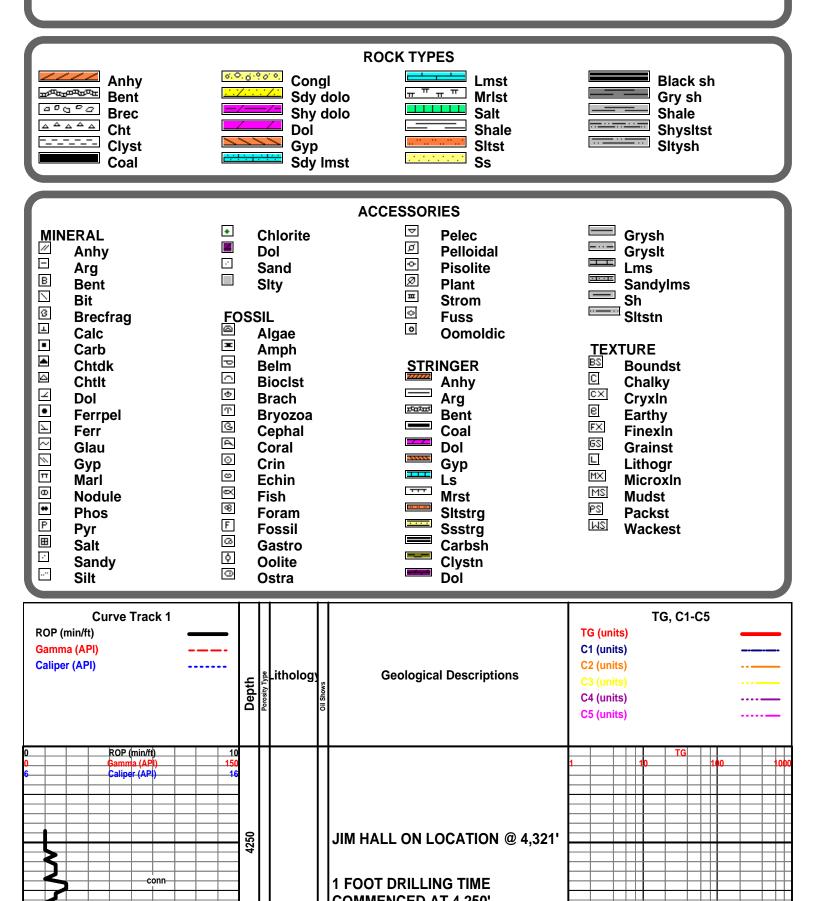






### CARBONATE CLASSIFICATION:

AFTER DUNHAM: GRAIN; any fossil, fossil fragment, sand grain, or other rock fragment within the rock. MUDSTONE; muddy carbonate rocks containing less than 10% grains. WACKESTONE; mud supported carbonate rocks with more than 10% grains. PACKSTONE; grain supported muddy carbonate rocks. GRAINSTONE; mud free carbonate rock, grain supported. BOUNDSTONE; carbonate rock bound together at deposition (coral, etc.). CRYSTALLINE CARBONATE; carbonate rock retaining to little of their depositional texture to be classified.



Other

