

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORICHMAL

Operator: License # 30717	API No. 15 - 065-22, 952-00-00
Name: DOWNING-NELSON OIL CO., INC.	Craham
Address: P.O. Box 372	260 F. OF SW Sec. 21 Twp. 9 S. R. 21W East West
City/State/Zip: Hays, KS 67601	2310 feet from (S) (circle one) Line of Section
Purchaser:	2570 feet from (W) (clircle one) Line of Section
Operator Contact Person; Ron Nelson	Footages Calculated from Nearest Outside Section Corner:
	(circle one) NE SE NW SW
Phone: (785) 628-3449 Contractor: Name: Discovery Drilling Co., Inc.	(5.11.5)
0.4 # 4.0	Field Name: Morel
-icalisa.	Producing Formation: Arbuckle
Wellsite Geologist: Ron Nelson	Elevation: Ground: 2253 Kelly Bushing: 2261
Designate Type of Completion:	Total Depth: 3776 Plug Back Total Depth:
X New Well Re-Entry Workover	
X Oil SWD SIOW Temp, Abd.	Amount of Surface Pipe Set and Cemented at 221.44 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? XYes No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet 1681
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1681 feet depth to Surface w/ 190 sx cmt.
Operator:	feet depth toSurfacew/190sx cmt. (10sks In Mouse Hole) (15sks In Rat Hole)
Well Name:	Drilling Fluid Management Plan ALTIT WHAT
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pil)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 11,000 ppm Fluid volume 320 bbls
Plug BackPlug Back Total Depth	Dewatering method used *Evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.	Operator Name:
Other (SWD or Enhr.?) Docket No	
	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well.	
All requirements of the statutes, rules and regulations promulgated to regulater are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully compiled with and the statements
Signatura: Ronhelson	KCC Office Use ONLY
Title: President Date: 1-14-05	Letter of Confidentiality Attached
1	If Denied, Yes Date:
Subscribed and sworn to before me this 14 day of contracts	Wireline Log Received
19 200.5	Geologist Report Received
Notary Public	uic Distribution RECEIVED
Date Commission Expires: 11-23-2006	JAN 3 1 2005
NOTARY PUBLIC - State of Kansa	IS I
NOTARY PUBLIC - State of Hamada	KCO W.G.

Operator Name:	INING-NELSO	N OIL CO., IN	ICLease	Name:_	Darnell-M	cCellan Fa	1785 #: 1	-21	
sec. 21 Twp. 5	9 s. R. 21W	East K West	County	r:	Graham				
NSTRUCTIONS: Shows a steel, time tool open a smith transfer ture, fluid recovered to the tool of the t	and closed, flowing very, and flow rates	g and shut-in pressure s if gas to surface test	s, whether st , along with f	nut-in pre	ssure reached :	static level, hydro	static pressu	res, bottom hole	
Drill Stem Tests Taken (Attach Additional Sh	neets)	X Yes No		K)L	og Formatio	on (Top), Depth a	nd Datum	Sample	
samples Sent to Geolo	odcal Survey	☐ Yes ☒ No		Nam Top	e Anhy.	1	Datum 537		
Cores Taken		Yes X No			e Anhy.			503	
Electric Log Run (Submit Copy)		X Yes No		Top			214 -	954 1165	
lst All E. Logs Run:				1	onto			1189	
				LKC BKC				1203 1420	
CDNL/G	R, DIL, S	Sonic, Micr	olog		uckle			1510	
		CASIN Report all strings se	IG RECORD	X Ne urface, inte	•	ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei		Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives	
Surface Pipe	121/4	8 5/8	20		221.44	Common	150	2%Ge1&3%CC	
Production St	7 7/8	5 <u>1</u>	14		3772	EA/2	150		
			DV To	ol @	1681	SMDC	190		
	·	ADDITION	AL CEMENTI	NG / SQL	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks	Used		Type and P	ercent Additive	os .	
Protect Casing Plug Back TD Plug Off Zone									
	OCCUPATION AND ADDRESS OF THE PARTY OF THE P	ON DECODE Prides F	Pluga Cot/Tupo		Acid Frag	ture, Shot, Cement	Squeeze Reco	bnd	
Shots Per Foot		ON RECORD - Bridge F Footage of Each Interval		· 	(An	nount and Kind of Ma	iterial Used)	Depth	
	Open Ho	ole			none				
	7								
TUBING RECORD	Size 2 .3/8"	Set At 3771	Packer /	\t	Liner Run	Yes X No			
Date of First, Resumerd I	Production, SWD or E	Enhr. Producing N	_	Flowin	g 🔀 Pumpii	ng Gas Lif	ı [] OI	her (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	VVat	er B	bls. G	as-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF (COMPLETION	<u>.</u>	• _	Production Inter	val			
Vented Sold (If vented, Subi	Used on Lease	☐ Other (S	_	ı. 🔲 1	Oually Comp.	Commingled _			

LLIED CEMENTING CO., INC.

3	9	5	6
	3	39	395

SERVICE POINT: O. BOX 31 **RUSSELL, KANSAS 67665** JOB START ON LOCATION 3.45 Pm JOB FINISH CALLED OUT TWP. RANGE SEC. BRANN LEASE MCELLAN WELL # 1-21 LOCATION CHURCH OF GOD IN 1/200 OLD OR (EW) (Circle one) OWNER CONTRACTOR DISCOVERY TYPE OF JOB SURFACE T.D. 225 **CEMENT** 12/21 HOLE SIZE AMOUNT ORDERED 150 Com 3%cc DEPTH 221 8-18 CASING SIZE ZGOGEL DEPTH TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL COMMON MINIMUM_ PRES. MAX POZMIX _____ SHOE JOINT MEAS. LINE CEMENT LEFT IN CSG. 10-15 **GEL** CHLORIDE ___ S PERFS. 13.3BL DISPLACEMENT **EQUIPMENT** CEMENTER MARK PUMP TRUCK 345 HELPER _AAVE HANDLING ユSる **BULK TRUCK** MILEAGE 54/SV INVE GARI 2/3 DRIVER **BULK TRUCK** TOTAL <u>1875</u> DRIVER **SERVICE REMARKS:** DEPTH OF JOB COTICC CEPTERIT 520° PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE PLUG 878 WOOD TOTAL _775° CHARGE TO: NOWNTHIC - NELSON FLOAT EQUIPMENT STREET ____ CITY_____STATE ____ZIP___ @ KCC WICHITA To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment



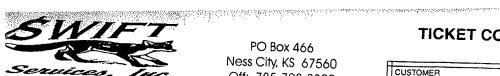
CHARGE TO:	Downing	Helson	
ADDRESS	<u> </u>		
CITY, STATE, 2	ZIP CODE		

RECEIVED JAN 3 1 2005

TICKET

Nº 6194

Serv	rices, Inc.	CITY, STATI	, ZIP CODE				KC	CV	VICHIT	A	PAGI	1	OF Z	
SERVICE LOCATIONS 1. Hay 16	[WELUPROJECT N	1	ease Darnell-McC	Illan Er	COUNTY/PARISH ROCKESS Graha	STATE KS	,				-9-04	OWN	some	
2.	TICKET TYPE C	ONTRACTOR			RIG NAME/NO. DISCOVERY	SHIPPED VIA/03	DELIVERED TO). F	alco	ORD	ER NO.			
3.	SSERVICE SALES WELL TYPE		VELL CATEGORY		URPQSE	700	WELL PERMIT			WEL	L LOCATION			
4.	ن م	<u>Q</u>	Developn	<u>ent</u>	45		<u></u>							
REFERRAL LOCATION	INVOICE INSTRUC	CTIONS												
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC ACCT	NG DF .		DESCRIPTION		QTY.	U/M	QTY.	U/M	UNIT PRICE		AMOUNT	,
575			MILEAGE	105			40	mi			<u> </u>	50	100	00
579				clarge			ı	54					1500	00
281				fluil			500	Gal				160	300	60
155				ind KCC			4	Gal			19	00	76	00
405			PER	Shoe			1	5/4		!			1250	60
408			ا م				L	54					2150	00
417			D.U	Latch	DOWN Pluy +	Baffle	1	SA					200	-
402			Cen	tralizer	. 5		7	EA			44	00	308	100
403			Cam	mt Ba:	16×		1	8/4		<u>i </u>			125	00
								-			,,	-		
			Son	n Cand	finuation			 				 	५५८	63
	L Customer hereby acknowled the control of the con		s to RE		YMENT TO:		JRVEY NT PERFORMED AKDOWN?		REE DECIDE	DIS- D AGREE	PAGE TO	ral.	10410	63
	d to, PAYMENT, RELEASE ANTY provisions.	, INDEMNITY, a	1	FT SFF	RVICES, INC.	WE UNDERSTO	EDS?	2						
MUST BE SIGNED BY CO START OF WORK OR DI	USTOMER OR CUSTOMER'S AGENT F ELIVERY OF GOODS	PRIOR TO		P.O. B	OX 466) THE EQUIPMEN MED JOB S				TAX		417	73
X DATE SIGNED			M. M.	785-7	Y, KS 67560 98-2300	ARE YOU SATI	SFIED WITH OUI YES USTOMER DID	IOT WISH	NO NO		TOTAL		10,828	1 31 3 <u>6</u>
	CUSTO	MER'ACCEPTAN		ND SERVICE	S The customer hereby ackr	nowledges receipt of	of the materials	and serv	vices listed on	this ticket	6.		Thank (You
OPERATOR			APPROVAL		_								munic	wu:



PO Box 466

TICKET CONTINUATION

No. 6194

Ness City, KS 67560 CUSTOMER Off: 785-798-2300 WELL Dornell - McClellan DATE
Forms 1-21 Nelson Downing 1-9-04 PRICE SECONDARY REFERENCE/ PART NUMBER ACCOUNTING REFERENCE DESCRIPTION TIME LOC ACCT DF UNIT PRICE AMOUNT 325 OTY: UM OTY, UM STO Cement 150 SKS 330 050 00 Sm D Cement 190 310 1852 50 284 Calseal 7 ISKS 283 25 00 175 100 Salt 750 1bs 112 50 585 CFR-2 75/105 206 25 276 Flocele 35/1bs 76 50 RECEIVED JAN 3 1 2005 KCC WICHITA 531 SERVICE CHARGE CUBIC FEET 340 MILEAGE TOTAL WEIGHT CHARGE 34640 LOADED MILES 40 TON MILES 692,80

CONTINUATION TOTAL

810	G						DATE / -9-04 PAS
NOMER .	TOMER DELISION WELL NO. 1-2/				Darnell -	McCle lla	infairs 2-Stage 45 TICKET NO. 6194
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSURE TUBING	(PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
NO.	0900						on coc
							RTD 3776 LTD 3777 ST 51/2 CS6 14#
	1045						ST 5/2 CS6 14#
							Run PKR Shoe, D.V. Latch Down Baffle, on Collars 1,3,3,5,5,5,7 PKR Shoe 3772
							ON Collars "333 SET" PER Shoe 3772
							1 Basket on TT 48 W/Cent
							D.V. on Top of J+ 49 1681 Feet
		······································					76 Tol CSG 3778
							Shoe Joint 42.50
							escon bottom howk uptaire
		···				1300	set PKR shoe + ford circ w/ mid
							final Circ Plug Ratholo W/155KS
			3				Plug Ratholo W/ 15 SKS
نننا — جويين			Z				Plus mouse holew/ 10ses
		6	12				ST 500 gal mudflush 20 BBC KCL water.
			20				
		J	3				1505K3 EA-2
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			37 BB4				fund mix cmT washout PAC
		7				0	Reloase D.V. latch Down Pluy +ST DIS
			45				45 BBC water
			47				47 BBC mud
		4				900	Plug Down
	1310				·		Release PSI Plug Lelol
	13/2						DROP & D.V. opening Bomb
	1327					1100	Plug Down Release PSI Plug Lelol DROP & D.V. opening Bomb Open D.V. + Pump 30BBC mud
	1335	6				300	Funp 190 SKS SMD 1/4 # Flocale
							Pump 190 SKS SMD 1/4 Flocato
		4	105			1	fund cont
		6	60			POST	P Relane PLuy +ST DIST
	1405		41			1250	Approx 203KS To Pit Job Crupleto
							AMPROX 203K3 70 F17
	1430						Jobanples
							RECEIVED
							JAN 3 1 2005
							KCC WICHITA